

THE INSTITUTION OF ENGINEERS, MALAYSIA **Institusi Jurutera Malaysia**



53rd Annual Report
Laporan Tahunan Ke-53

2012



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Session	Past President
1959/62	Allahyarham Tan Sri Ir. (Dr) Haji Yusoff bin Haji Ibrahim
1962/64	Allahyarham Raja Tan Sri Ir. Zainal bin Raja Sulaiman
1966/66	Late Ir. Thean Lip Thong
1966/68	Late Tan Sri Datuk Ir. Prof. Chin Fung Kee
1968/69	Late Ir. Ow Yang Hong Chiew
1969/70	Late Ir. Chan Peng Khuen
1970/72	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 Poh
Apr-Dec 1977	Allahyarham Tan Sri Datuk Ir. Mahfoz bin Khalid
1977/79	Allahyarham Tuan Haji Mohd. Razali bin Bidin
1979/81	Late Ir. Wong Kin Hong
1981/82	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
1986/88	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 Datuk Ir. (Dr) Haji Ahmad Zaidee bin Laidin
2001/03	Ir. Dr. Gue See Sew
2003/05	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

FELLOW KEHORMAT TERTINGGI, IEM**IEM Distinguished Honorary Fellows**

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

FELLOW KEHORMAT, IEM**IEM Honorary Fellows**

Year	Name of Recipients
1981	Allahyarham Tan Sri Engr. (Dr) Haji Yusoff bin Haji Ibrahim
1981	Allahyarham Raja Tan Sri Engr. Zainal bin Raja Sulaiman
1981	Late Engr. Thean Lip Thong
1981	Late Tan Sri Datuk Engr. Prof. Chin Fung Kee
1982	Y.Bhg. Tan Sri Dato' (Dr) Engr. Haji Abu Zarim bin Haji Omar
1982	Late Academician Tan Sri Engr. (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	Ir. Chiam Teong Tee
1986	Allahyarham Tan Sri Datuk Engr. Haji Mohd. Hassan bin Abdul Wahab
1988	Allahyarham Tun Hussein Onn
1989	DYMM Paduka Seri Sultan Azlan Muhibbuddin Shah Ibni al-Marhum Sultan Yussuf Izzuddin Shah Ghafarullahu-Lah
1991	Y.Bhg. Dato' Engr. 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' Engr. Lee Yee Cheong (<i>transferred to Grade of Distinguished Hon Fellow in 2010</i>)
1994	Al-Marhun Tuanku Ja'afar Ibni al-Marhum Tuanku Abdul Rahman
1995	Y.Bhg. Datuk Amar (Dr) Leo Moggie
1998	Y.A.Bhg. Tun Daim Zainuddin
2001	Y.A.B. Dato' Seri Abdullah bin Haji Ahmad Badawi
2003	Y.Bhg. Dato' Seri Law Hieng Ding
2004	Y.Bhg. Datuk Tham Nyip Shen
2006	Late Ir. Teoh Cheng Hock (Ir. C.H. Teoh) (<i>posthumous</i>)
2007	Y.Bhg. Tan Sri Dato' Ir. Haji Zaini bin Omar
2008	YAB Pehin Seri Tan Seri Dr Haji Abdul Taib bin Mahmud
2009	YAB Dato' Seri Ir. Haji Mohammad Nizar bin Jamaluddin
2009	Y.Bhg. Dato' Sri Ir. Mohd Zin bin Mohamed

AHLI KEHORMAT, IEM**IEM Honorary Member**

Year	Name of Recipient
2009	Late Master Yeoh Tong Eng



IEM VISION

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

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 and technology.

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 the Engineering.

OBJECTIVES OF THE INSTITUTION

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 promote honorable practice, and professional etiquette among members of The Institution;
- (d) 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
- (e) to do such other things as the Institution may think incidental or conducive to the attainment of the objectives of The Institution.



Position	Name	
President	Ir. Vincent Chen Kim Kieong	
Deputy President	Ir. Choo Kok Beng	
Vice Presidents	Ir. Prof. Dr Ruslan bin Hassan	
	Y.Bhg. Dato' Ir. Hj. Abdul Rashid bin Maidin	
	Ir. Lee Weng Onn	
	Ir. P.E. Chong	
	Y.Bhg. Dato' Ir. Lim Chow Hock	
	Ir. Prof. Dr Wan Mahmood bin Wan Abdul Majid	
	Ir. Yim Hon Wa	
	Ir. Prof. Dr Lee Teang Shui	
Honorary Secretary	Ir. Prof. Dr Jeffrey Chiang Choong Luin	
Honorary Treasurer	Ir. Gunasagaran a/l Kristnan	
Council Member - Civil Rep	Y.Bhg. Dato' Lt. Gen. Ir. Ismail bin Samion (Rtd)	
Council Member - Mechanical Rep	Ir. Mohd. Aman bin Hj. Idris	
Council Member - Electrical Rep	Ir. Yam Teong Sian	
Council Member - Structural Rep	Ir. Razmahwata bin Mohamad Razalli	
Council Member - Chemical Rep	Ir. Assoc. Prof. Dr Cheong Kuan Yee	
Council Member - Other Disciplines Rep	Ir. Noor Iziddin Abdullah bin Ghazali	
Council Member - Multimedia Rep	Ir. Prof. Dr Lee Sze Wei	
Council Members - Ordinary Rep	Ir. Tuan Hj. Mohd. Ali bin Yusoff	
	Ir. Yee Yew Weng	
	Ir. Mah Soo	
	Ir. Dr Ahmad Anuar bin Othman	
	Ir. Kok Yen Kwan	
	Ir. Yau Chau Fong	
	Ir. Wong Chee Fui	
	Ir. Mohd. Khir bin Muhammad	
	Y.Bhg Dato' Ir. Hj. Mohd Isa bin Hj Sarman	
	Ir. Assoc. Prof. Dr Marlinda binti Abd. Malek	
	Ir. Zainuddin bin Mohammad	
	Ir. David Lai Kong Phooi	
	Y.Bhg. Dato' Ir. John Chee Shi Tong	
	Ir. Gopal Narian Kutty	
	Ir. Tan Yean Chin	
	Y.Bhg. Dato' First Admiral Ir. Hj. Ahmad Murad bin Hj. Omar (Rtd)	
	Ir. David Ng Shiu Yuen	
	Ir. Kim Kek Seong	
	Ir. Chong Chew Fan	
	Ir. Dr Tan Kuang Leong	
	Ir. June Lau Yuk Ma	
	Ir. Dr Norlida bin Buniyamin	
	Ir. Ishak bin Abdul Rahman	
	Ir. Hoo Choon Sean	
	Y. Bhg. Dato Ir. Samsuddin bin Ismail	
Council Member - By Appointment	Dato' Ir. Hj. Mohamad bin Hj. Husin	
	Ir. Abdul Ghani bin Hashim	
	Ir. Abdullah bin Isnin	
Immediate Past President	Y.Bhg. Academician Dato' Ir. Prof. Dr Chuah Hean Teik	
Past Presidents	Y.Bhg. Dato' Ir. Pang Leong Hoon	
	Y.Bhg. Academician Dato' Ir. (Dr) Hj. Ahmad Zaidee bin Laidin	
	Ir. Dr Gue See Sew	
	Y.Bhg. Datuk Ir. Prof. Dr Ow Chee Sheng	
	Y.Bhg. Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah	
Branch Representatives	Ir. Ng Sin Chie	Penang Branch
	Ir. Mohd. Khir bin Muhammad	Southern Branch
	Ir. Chan Hoong Mun	Perak Branch
	Ir. Roslan bin Abd. Azis	Pahang Branch
	Ir. Mohd. Azmi bin Ali	Terengganu Branch
	Ir. Mohammed Noor bin Abu Hassan	Negeri Sembilan Branch
	Ir. Vellan a/l Vengo @ Perumal	Malacca Branch
	Ir. Alan Tan Khiok Chun	Sarawak Branch
	Ir. Lo Chong Chiun	Sabah Branch
	Ir. Goh Soon Boon	Miri Branch
	Ir. Hor Tek Lip	Kedah-Perlis Branch
	Ir. Hj. Syed Abdul Rahman bin Syed Abdullah	Kelantan Branch



1 March 2012

Ref. No: IEM12/HQ/045/AGM - 4 CPD hours

To all members of
The Institution of Engineers, Malaysia

NOTICE OF 53RD ANNUAL GENERAL MEETING
Saturday, 21 April 2012, 9.00 am at Wisma IEM

In accordance with Section 7.5 of the Bylaws, notice is hereby given that the 53rd Annual General Meeting of The Institution of Engineers, Malaysia shall be held at the Tan Sri Prof Chin Fung Kee Auditorium, 3rd Floor, Wisma IEM, 21 Jalan Selangor, Petaling Jaya on **Saturday, 21 April 2012 at 9.00 am.**

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

1. Welcoming Address by the President for Session 2011/2012.
2. Confirmation of Minutes of the 52nd Annual General Meeting held on 16 April 2011.
3. Matters Arising.
4. Annual Report for Session 2011/2012.
5. Discussion on written issues from members of which written notice is submitted to reach IEM Secretariat by 1 April 2012. Please note that no matters under this item shall be discussed, unless prior written notice is received i.e. by 1 April 2012. This is in accordance to the IEM Constitution & Bylaws.
6. Amendments to the IEM Constitution and Bylaws.
7. Announcement of Results of Election for Council Session 2012/2013.
8. Change of Office Bearers.
9. Election of Honorary Internal Auditors.
10. Appointment of External Auditors.
11. Any Other Business.
12. Presidential Address 2012/2013.

Ir. Prof. Dr Lee Teang Shui
Honorary Secretary, IEM



Further to the notice of 53rd Annual General Meeting, issued on 1 March 2012, the Council of The Institution of Engineers, Malaysia after its 381st meeting held on 19 March 2012, is proposing under item 6.1; amendments to the IEM Constitution to Article II and Article V respectively.

Under Article 8.3, the Constitution of the Institution can be amended only at the Annual General Meeting and to be sent to all Corporate Members of The Institution at least twenty one (21) days in advance of the General Meeting at which the proposed amendments shall be tabled which in this case will be on 21 April 2012.

The proposed amendments shall be presented to the AGM, and if approved, shall be voted upon by postal ballot, to be carried out after the AGM.

The proposed amendments are in bold italic as below:

ARTICLE II Membership

2.1 Corporate Members shall comprise six grades, namely:-

- (a) Distinguished Honorary Fellows
- (b) Honorary Fellows
- (c) Fellows
- (d) ***Distinguished Members***
- (e) ***Senior Members***
- (f) Members

All Corporate Members shall be engineers.

2.2 Non-corporate Members shall comprise ten grades, namely:-

- (a) Distinguished Honorary Fellows
- (b) Honorary Fellows
- (c) ***Distinguished Honorary Members***
- (d) Honorary Members
- (e) ***Companions***
- (f) Graduate Members
- (g) Incorporated Members
- (h) Affiliate Members
- (i) Associate Members
- (j) Student Members

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

Distinguished Honorary Fellow	D. Hon. F.I.E.M.
Honorary Fellow	Hon. F.I.E.M.
Fellow	F.I.E.M.
<i>Distinguished Member</i>	<i>D. M.I.E.M</i>
<i>Distinguished Honorary Member</i>	<i>D. Hon. M.I.E.M.</i>
Honorary Member	Hon. M.I.E.M.
<i>Senior Member</i>	<i>S.M.I.E.M.</i>
Member	M.I.E.M.
<i>Companion</i>	<i>C.I.E.M.</i>
Graduate Member	Grad. I.E.M.
Incorporated Member	Inc. I.E.M.

Affiliate Members, Associate Members and Student Members shall not be entitled to be designated by abbreviations.

No person who has ceased to be a member of The Institution shall be entitled to make use of any designation implying connection with The Institution.



- 2.6 **Distinguished Honorary Fellow** : A Distinguished Honorary Fellow shall be a *distinguished* person of acknowledged eminence and high standing such as Head of State, Prime Ministers, very prominent engineers **and or** world renowned figures who has **rendered very substantial and ~~contributed~~** outstanding services to the engineering profession, The Institution and/or the Nation.
- 2.7 **Honorary Fellow** : An Honorary Fellow shall be a distinguished person of acknowledged eminence **and exemplary character whom ~~The Institution desires to honour for~~ has rendered** substantial and outstanding services **rendered** to the engineering profession, ***The Institution and/or the Nation.***
- 2.8 **Distinguished Member and Distinguished Honorary Member** : ***A Distinguished Member or Distinguished Honorary Member shall be a distinguished person of exemplary character who has rendered outstanding and meritorious services to the engineering profession, The Institution and/or the Nation.***
- ~~2.8~~ 2.9 **Honorary Member** : An Honorary Member shall be an eminent person ***from the Corporate or Public Sector*** who has rendered outstanding services to the engineering profession and/or The Institution.

Conferment of Honorary Grades

- ~~2.9~~ 2.10 **Distinguished Honorary Fellowship, Honorary Fellowship, Distinguished Membership, Distinguished Honorary Membership and Honorary Membership** shall only be conferred by the Council. The criteria for these Grades shall be as set out in the Bylaws and established guidelines.

Admissions to other Grades

(There is a need to re-numbered the clauses in the Article)

~~2.10~~ 2.11 Fellow

- 2.12 **Senior Member** : ***A Senior Member, at the time of his advancement or transfer to this grade shall have satisfied the Council that he has attained such standard as set by the Council to testify to his professionalism and proficiency as an engineer of substantial standing and that he is worthy of election in accordance with the relevant Bylaws and Regulations.***

~~2.11~~ 2.13 Member

- 2.14 **Companion** : ***A Companion shall be a person who is academically qualified, have the necessary training and experience or wide exposure to the engineering profession and that he is worthy for admission in accordance with the relevant Bylaws and Regulations.***

- ~~2.12~~ 2.15 Graduate Member
~~2.13~~ 2.16 Incorporated Member
~~2.14~~ 2.17 Affiliate Member
~~2.15~~ 2.18 Associate Member
~~2.16~~ 2.19 Student Member

Privileges of membership

- ~~2.17~~ 2.20
Professional Conduct
~~2.18~~ 2.21

ARTICLE V Composition, Office Tenure and Election of the Council

- 5.5 The Council shall appoint an Election Officer for this purpose and he shall be responsible to the Council for the proper conduct of the election. The Council may prescribe such Bylaws and Regulations as it considers desirable for the proper conduct of the election. ***The procedure for the proper conduct of the election either using electronic form or by post or both, shall be at the discretion of the Council, as and when Council deem fit.***

Corporate Members are reminded that the 53rd AGM is scheduled on 21 April 2012 at 9.30 am at Wisma IEM, Petaling Jaya.



AMENDMENTS TO IEM BYLAWS 4.2 (Revision of IEM Subscription)

Corporate Members are hereby informed that at its recent meeting on 19 March 2012, the IEM Council had unanimously approved the proposed amendments to Section 4.2 of the IEM Bylaws. The proposed amendment will be tabled at the coming 53rd Annual General Meeting scheduled on 21 April 2012 for approval of the members who are present then at the Annual General Meeting.

In accordance with Article IV of the IEM Constitution,

“A schedule of annual subscriptions and life composition fees payable by all members of The Institution shall be established by the Council from time to time and confirmed by votes of a simple majority of those present at the AGM. Distinguished Honorary Fellows, Honorary Fellows and Honorary Members shall be exempted from payment of all fees.”

Annual Subscription

4.2 The annual subscription payable by membership wherever resident, shall be as follows:

	Existing	<i>Amendment</i>
Fellow	RM220.00	<i>RM265.00</i>
<i>Senior Member*</i>		<i>RM210.00</i>
Member	RM130.00	<i>RM155.00</i>
Graduates who on the 1st of Jan have attained the age of 30	RM130.00	<i>RM155.00</i>
have not attained the age of 30	RM85.00	<i>RM100.00</i>
<i>Companion Member*</i>		<i>RM155.00</i>
Incorporated Member who on 1st Jan have attained the age of 30	RM130.00	<i>RM155.00</i>
have not attained the age of 30	RM85.00	<i>RM100.00</i>
Affiliate Member who on 1st Jan have attained the age of 30	RM130.00	<i>RM155.00</i>
have not attained the age of 30	RM85.00	<i>RM100.00</i>
Associate Member have attained the age of 30	RM130.00	<i>RM155.00</i>
have not attained the age of 30	RM85.00	<i>RM100.00</i>
Students, who on 1st Jan have attained the age of 30	RM130.00	<i>RM155.00</i>
have attained the age of 24	RM85.00	<i>RM100.00</i>
have not attained the age of 24	RM20.00	<i>RM20.00</i>

The increase in membership subscription is necessary in view of the increasing expenditure of the Institution, branch subsidies and personnel emoluments and benefits. Please take note that the last upwards revision approved by the AGM was five years ago. Corporate members are requested to exercise their votes with consideration for the Institution's high operational costs.

NB: * These two membership categories are newly introduced by Council and are subject to approval of members at the same coming AGM

**Yang Dipertua**

Ir. Vincent Chen Kim Kieong

Timbalan Yang Dipertua

Ir. Choo Kok Beng

Naib Yang Dipertua

Dato' Ir. Hj. Abdul Rashid bin Maidin

Dato' Ir. Lim Chow Hock

Ir. P.E. Chong

Ir. Lee Weng Onn

Ir. Prof. Dr Ruslan bin Hassan

Ir. Yim Hon Wa

Ir. Prof. Dr Hj. Wan Mahmood bin Wan Abdul Majid

Setiausaha Kehormat

Ir. Prof. Dr Lee Teang Shui

Bendahari Kehormat

Ir. Prof. Dr Jeffrey Chiang Choong Luin

Ahli-Ahli

Ir. Mohd. Aman bin Hj. Idris

Ir. Gopal Narian Kutty

Ir. June Lau Yuk Ma

Ir. Ishak bin Abdul Rahman

Ir. Prof. Dr Lee Sze Wei

Ir. Gunasagaran a/l Kristnan

Ir. Yau Chau Fong

LEMBAGA TABUNG PENDIDIKAN, IEM**Board of Management - IEM Education Fund****Pengerusi**

Ir. Vincent Chen Kim Kieong

Timbalan Pengerusi

Ir. Choo Kok Beng

Setiausaha Kehormat

Ir. Prof. Dr Lee Teang Shui

Bendahari Kehormat

Ir. Prof. Dr Jeffrey Chiang Choong Luin

Ahli-Ahli

Dato' Ir. Hj. Abdul Rashid bin Maidin

Dato' Ir. Lim Chow Hock

Ir. P.E. Chong

Ir. Lee Weng Onn

Ir. Prof. Dr Ruslan bin Hassan

Ir. Yim Hon Wa

Ir. Prof. Dr Hj. Wan Mahmood bin Wan Abdul Majid

LEMBAGA TABUNG BENEVOLENT**Board of Management - IEM Benevolent Fund**

Tiada Perlantikan (No appointment)

Ex-Officio

Timbalan Yang Dipertua, IEM

Pengerusi, Jawantakuasa Tetap Kebajikan dan Hal Ehwal
Perkhidmatan

Setiausaha Kehormat, IEM

Bendahari Kehormat, IEM

JURU AUDIT LUAR DAN JURUAUDIT DALAM KEHORMAT External Auditors and Honorary Internal Auditors**Juruaudit Luar**

PKF Malaysia

Juruaudit Dalam Kehormat

Ir. Prof. Dr Siti Hawa bt. Hamzah

Ir. Awangku Hidup bin Awangku Hosain

**JAWATANKUASA TETAP KEWANGAN***(Standing Committee on Finance)***Pengerusi**

Ir. Choo Kok Beng

Naib Pengerusi

Ir. Prof. Dr Lee Teang Shui

Setiausaha

Ir. Prof. Dr Jeffrey Chiang Choong Luin

Ahli- Ahli

Academician Dato' Ir. Prof. Dr Chuah Hean Teik

Datuk Wira Ir. Md. Sidek bin Ahmad

Dato' Ir. Hj. Mohd. Isa bin Hj. Sarman

Ir. Mohd. Aman bin Hj. Idris

Ir. Mah Soo

Ir. June Lau Yuk Ma

Ir. Yam Teong Sian

Ir. Yee Yew Weng

JAWATANKUASA TETAP KELAYAKAN DAN KEMASUKAN KEAHLIAN*(Standing Committee on Qualifications and Admissions)***Pengerusi**

Ir. Yim Hon Wa

Naib Pengerusi

Ir. Ishak bin Abdul Rahman

Setiausaha

Ir. June Lau Yuk Ma

Ahli-Ahli

Dato' Ir. Samsuddin bin Ismail

Datuk Ir. Prof. Dr Ow Chee Sheng

Dato' Ir. Lt. Gen. (B) Ismail bin Samion

Ir. Kukanesan a/l Sakthiveil

Ir. Mohd. Khir bin Muhammad

Ir. Mah Soo

Ir. Prof. Dr Zainal Abidin bin Ahmad

Ir. Lee Boon Chong

Ir. Dr Tan Chee Fai

Ir. Hj. Mohamed Ali bin Yusoff

Ir. Mohd. Aman bin Hj. Idris

Ir. Lai Sze Ching

Ir. Dr Abu Bakar bin Mahat

Ir. Dr Lim Yun Seng

Ir. Ong Ching Loon

Ir. Dr Cheong Thiam Fook

Ir. Wong Chee Fui

Ir. Prof. Dr Lee Sze Wei

Ir. Zainuddin bin Mohamad

Ir. Prof. Madya Shuib bin Sahudin

Ir. Jayaseelan a/l Nadarajah

Ir. David Ng Shiu Yuen

Ir. Razmahwata bin Mohd. Razalli

Ir. Prof. Dr Chung Boon Kuan

Ir. Yau Chau Fong

Ir. Prof. Madya Dr Cheong Kuan Yew

Ir. Shamala a/p Peramayah

Engr. Mohd. Azman bin Md. Deros, Grad. IEM

Engr. Lee Cheng Pay, Grad. IEM (*Wakil S/S*)Engr. Mah Way Sheng, Grad. IEM (*Wakil S/S*) (*alt*)**JAWATANKUASA TETAP PEPERIKSAAN DAN LATIHAN***(Standing Committee on Examinations and Training)***Pengerusi**

Ir. Prof. Dr Ruslan bin Hassan

Naib Pengerusi

Ir. Mohd. Aman bin Hj. Idris

Setiausaha

Ir. Kok Yen Kwan

Ahli-Ahli

Dato' Ir. First Admiral (B) Hj. Ahmad Murad bin Hj. Omar

Ir. Ishak bin Abdul Rahman

Ir. Kukanesan a/l Sakthiveil

Ir. Hoo Choon Sean

Ir. Juares Rizal bin Abdul Hamid

Ir. David Ng Shiu Yuen

Ir. Dr Norlida bt Buniyamin

Ir. Li Thang Fai

Ir. Tu Yong Eng

Ir. Loo Chee Kin

Ir. Dr Ahmad Anuar bin Othman

Ir. Noor Iziddin Abdullah bin Ghazali

Ir. Chong Chew Fan

Ir. Dr Tan Chee Fai

Ir. Gopal Narian Kutty

Ir. Dr Muhamad Fuad bin Abdullah

Ir. Dr Tan Kuang Leong

Ir. Wong Chee Fui

Ir. Kim Kek Seong

Ir. Tee Tong Kher

Ir. Prof. Madya Dr Cheong Kuan Yew

Ir. Prof. Madya Dr Marlinda bt Abdul Malek

Engr. Shuhairy bin Norhisham, Grad. IEM (*Wakil S/S*)Engr. Puvanesan a/l Mariappan, Grad. IEM (*Wakil S/S*) (*alt*)**JAWATANKUASA TETAP AMALAN PROFESIONAL***(Standing Committee on Professional Practice)***Pengerusi**

Ir. Lee Weng Onn

Naib Pengerusi

Ir. Gopal Narian Kutty

Setiausaha

Ir. Lai Sze Ching

Ahli-Ahli

Dato' Ir. Hj. Abdul Rashid bin Maidin

Dato' Lt Gen. (B) Ir. Ismail bin Samion

Dato' Ir. Pang Leong Hoon

Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah

Dato' Ir. John Chee Shi Tong

Ir. Gunasagaran a/l Kristnan

Ir. Thin Choon Chai

Ir. Mun Kwai Peng

Ir. Chiam Teong Tee

Ir. Yee Yew Weng

Ir. Ng Yong Kong

Ir. Kok Yen Kwan

Ir. Dr Wong Chin Chaw

Ir. Dr Ooi Teik Aun

Ir. Chong Chew Fan

Ir. Oon Chee Kheng



Ir. P.E. Chong
 Ir. Zainuddin bin Mohamad
 Ir. Chong Thaw Sing
 Engr. Puvanesan a/l Mariappan, Grad. IEM (*Wakil S/S*)
 Engr. Lee Cheng Pay, Grad. IEM (*Wakil S/S*)(alt)

JAWATANKUASA TETAP HAL EHWAL KORPORAT
 (*Standing Committee on Corporate Affairs*)

Pengerusi

Ir. P.E. Chong

Naib Pengerusi

Ir. Gunasagaran a/l Kristnan

Setiausaha

Ir. Chong Chew Fan

Ahli-Ahli

Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah
 Dato' Ir. (Dr) Andy Seo Kian Haw
 Dato' Ir. First Admiral (B) Hj. Ahmad Murad bin Hj. Omar
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dan Kejuruteraan
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**Jawatankuasa Kecil Jamuan Makan Malam Dan
Penganugerahan Tahunan 2012)**

*(Sub Committee on IEM Annual Dinner and Awards Night
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AKTIVITI

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Kejuruteraan Mekanikal Dan Elektrik**

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(Sub Committee on Representation to Outside Bodies)

Pengerusi

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Pengerusi

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Engr. Ron Aldrino, Grad. IEM
Engr. Lee Cheng Pay, Grad. IEM
Engr. Shuhairy bin Norhisham, Grad. IEM
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Jawatankuasa Kecil “Minggu Kejuruteraan 2012”
(Sub Committee on Engineering Week 2012)**

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Engr. Vivekasugha a/l Gunaan, Grad. IEM
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**KEBAJIKAN DAN PERKHIDMATAN
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(Sub Committee on IEM Family Day 2011)**

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Engr. Lee Cheng Pay, Grad. IEM

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

Pengerusi

Ir. Ong Ching Loon

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Jawatankuasa Kecil Mengenai Jurutera-Jurutera Wanita
(Sub Committee on Women Engineers)**

Pengerusi

Ir. June Lau Yuk Ma

Timbalan Pengerusi

Ir. Raftah bt Mahfar

Setiausaha

Ir. Managa Deavi a/p P. Ramanathan

Ahli-Ahli

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Ir. Chin Lee Leng
Ir. Magdalene Tan Lee
Ir. Prof. Madya Dr Marlinda bt Abdul Malek
Ir. Prof. Madya Hayati bt Abdullah
Ir. Sharifah Azlina bt Raja Kamal Pasmah
Ir. Zarina bt Mohamad Ali
Ir. Rohaya bt Muhammad
Ir. Tengku Anita bt Raja Hussin
Ir. Shamala a/p Peramayah
Engr. Habibah @ Norehan bt Hj. Haron, Grad. IEM
Engr. Trudy Ranjini Ganendra, Grad. IEM
Engr. Wong Yoke Mei, Grad. IEM

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

Pengerusi

Ir. Soo Tian Tiong



KEBAJIKAN DAN PERKHIDMATAN
Jawatankuasa Kecil “Hal Ehwal Masyarakat”
(Sub Committee on Community Services)

Pengerusi
Ir. Fong Tian Yong

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

Pengerusi
Ir. Khor Hock Keat

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

Pengerusi
Ir. Mah Soo

KEBAJIKAN DAN PERKHIDMATAN
Jawatankuasa Kecil Pengiklanan IEM
(Sub Committee on IEM Advertisements)

Pengerusi
Ir. June Lau Yuk Ma

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

Pengerusi
Ir. Khor Hock Keat

KEBAJIKAN DAN PERKHIDMATAN
Jawatankuasa Kecil “Urusan Jurutera Senior IEM”
(Sub Committee on IEM Senior Engineers Affairs)

Pengerusi
Ir. Mah Soo

KEBAJIKAN DAN PERKHIDMATAN
Jawatankuasa Kecil “Senaman Dan Kesihatan”
(Sub Committee on Health Care and Exercise)

Pengerusi
Ir. Soo Tian Tiong

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

Pengerusi
Ir. David Lai Kong Phooi

HAL EHWAL KORPORAT/CORPORATE AFFAIRS
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(Sub Committee on IEM PEMANDU-PEMUDAH)

Pengerusi
Ir. David Lai Kong Phooi

Ahli- Ahli
Dato’ Ir. (Dr) Andy Seo Kian Haw
Ir. Yam Teong Sain

HAL EHWAL KORPORAT
Jawatankuasa Kecil Perhubungan Awam
(Sub Committee on Public Relations)

Pengerusi
Ir. P.E. Chong

HAL EHWAL KORPORAT
Jawatankuasa Khas “MoU/MOA”
(Special Committee to look into MoU/MOA)

Pengerusi
Ir. Hj. Mohamed Ali bin Yusoff

HAL EHWAL KORPORAT
Jawatankuasa Kecil Kenyataan Akhbar
(Sub Committee on Press Statement)

Pengerusi
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Ahli-Ahli
Ir. Yam Teong Sain
Ir. Yau Chau Fong
Ir. Tan Ban Loong
Engr. May Way Sheng, Grad. IEM
Engr. Lee Cheng Pay, Grad. IEM

HAL EHWAL KORPORAT
Wakil Penghubung IEM untuk Pengawasan Nasional APEC
(IEM Contact Point for APEC National Monitoring Committee)

Wakil
Datuk Ir. Prof. Dr Ow Chee Sheng
Ir. Dr Gue See Sew

HAL EHWAL KORPORAT
Wakil Pemerhati IEM untuk Jawatankuasa Pengawasan Nasional APEC
(IEM Reviewers for APEC National Monitoring Committee)

Wakil
Ir. Dr Gue See Sew

HAL EHWAL KORPORAT
Jawatankuasa Pendaftaran bagi Professional Antarabangsa APEC/EMF
(APEC/EMF Registration Committee)

Pengerusi
Ir. Dr Gue See Sew

Ahli-Ahli
Dato’ Ir. Hj. Abdul Rashid bin Maidin (*Wakil BEM*)
Datuk Ir. Prof. Dr Ow Chee Sheng
Dato’ Ir. (Dr) Andy Seo Kian Haw
Ir. Cheong Chee Kwong
Ir. Looi Hip Peu
Ir. Mah Soo
Ir. Ang Choon Hug



Ir. Manogaran a/l K. Raman
Ir. Dr Abu Bakar bin Mahat
Ir. Dr Hj. Muhammad Fuad bin Abdullah
Ir. Dr Cheong Thiam Fook

HAL EHWAL KORPORAT

Jawatankuasa Tempatan Pengawasan dan Ko-ordinasi IEM-FEIC

(IEM – FEIC Local Co-ordinating Committee)

Pengerusi

Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah

HAL EHWAL KORPORAT

Jawatankuasa AFEO Pengurusan Urusetia

(AFEO Secretariat Management Committee)

Pengerusi

Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah

Ahli-Ahli

Ir. Prof. Dr Jeffrey Chiang Choong Luin
Ir. Prof. Dr Lee Teang Shui

HAL EHWAL KORPORAT

Jawatankuasa Pengawasan dan Ko-ordinasi Hal Ehwal IEM-AFEO

(IEM-AFEO Local Co-ordinating Committee)

Yang Dipertua

Ir. Vincent Chen Kim Keong

Wakil

Ir. Choo Kok Beng
Ir. Prof. Dr Lee Teang Shui
Ir. Prof. Dr Jeffrey Chiang Choong Luin

HAL EHWAL KORPORAT

Jawatankuasa Pengawasan Pendaftaran Nasional Jurutera ASEAN

(ASEAN Engineers Register National Monitoring Committee)

Pengerusi

Ir. Yim Hon Wa

HAL EHWAL KORPORAT

Jawatankuasa Pendaftaran Jurutera ASEAN

(ASEAN Engineers Register Executive Committee)

Pengerusi

Ir. Choo Kok Beng

Setiausaha

Engr. Shuhairy bin Norhisham, Grad. IEM

Bendahari

Ir. Hj. Mohamed Ali bin Yusoff

Ahli-Ahli

Dato' Ir. Mohd. Rizal Al-Amin bin Tun Sardon
Dato' Ir. Hj. Abdul Rashid bin Maidin
Ir. Yim Hon Wa

Ir. Cheong Chee Kwong
Ir. Eddie Lim Hok Lian
Ir. Manogaran a/l K. Raman
Ir. Rocky Wong Hon Thang
Ir. Dr Ooi Teik Aun
Ir. Fong Tian Yong

Setiausaha Am AFEO

Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah

HAL EHWAL KORPORAT

Jawatankuasa Tempatan Pengawasan dan Ko-ordinasi Hal-Ehwal IEM-WFEO/CEC

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

Yang Dipertua

Ir. Vincent Chen Kim Kieng

Wakil

Ir. Prof. Dr Lee Teang Shui

HAL EHWAL KORPORAT

Jawatankuasa Pengawasan dan Ko-ordinasi Hal Ehwal IEM-FEAP

(IEM – FEAP Co-ordinating Committee)

Yang Dipertua

Academician Dato' Ir. Prof. Dr Chuah Hean Teik

Wakil

Ir. Vincent Chen Kim Kieong
Ir. Prof. Dr Lee Teang Shui
Ir. Tan Yean Chin

HAL EHWAL KORPORAT

Jawatankuasa Pengurusan Urusetia FEAP

(FEAP Secretariat Management Committee)

Pengerusi

Ir. Tan Yean Chin

Ahli-Ahli

Ir. Prof. Dr Lee Teang Shui

JAWATANKUASA AD-HOC

Wakil IEM ke AFEO

(IEM representation on AFEO)

Yang Dipertua

Ir. Vincent Chen Kim Kieong

Timbalan Yang Dipertua

Ir. Choo Kok Beng *(Concurrently Head Commissioner) (alt)*

Setiausaha Kehormat

Ir. Prof. Dr Lee Teang Shui

Ahli-Ahli

Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdull
Ir. P. E. Chong *(Pengerusi, J/K Tetap Hal Ehwal Korporat)*
Ir. Yim Hon Wa *(Pengerusi NMC)*
Ir. Hj. Mohamed Ali bin Yusoff *(Bendahari AER)*



JAWATANKUASA AD-HOC

Jawatankuasa Perhubungan IEM/IES
(*IEM/IES Liaison Committee*)

Pengerusi (Yang Dipertua)

Ir. Vincent Chen Kim Kieong

Naib Pengerusi (Timbalan Yang Dipertua)

Ir. Choo Kok Beng

Setiausaha (Setiausaha Kehormat)

Ir. Prof. Dr Lee Teang Shui

JAWATANKUASA AD-HOC

Jawatankuasa Penganugerahan IEM
(*Ad-Hoc Committee on IEM Awards*)

Pengerusi

Ir. Vincent Chen Kim Kieong

Naib Pengerusi

Ir. Choo Kok Beng

Setiausaha (Setiausaha Kehormat)

Ir. Prof. Dr Lee Teang Shui

Bendahari (Bendahari Kehormat)

Ir. Prof. Dr Jeffrey Chiang Choong Luin

Ahli- Ahli

Dato' Ir. Hj. Abdul Rashid bin Maidin

Dato' Ir. Lim Chow Hock

Ir. P.E. Chong

Ir. Choo Kok Beng

Ir. Lee Weng Onn

Ir. Prof. Dr Ruslan bin Hassan

Ir. Yim Hon Wa

Ir. Prof. Dr Hj. Wan Mahmood bin Wan Abdul Majid

JAWATANKUASA AD-HOC

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

Wakil

Ir. Li Thang Fai

Ir. Prof. Dr Ruslan bin Hassan

Ir. Tan Yean Chin

Ir. P.E. Chong

Ir. Gopal Narian Kutty

JAWATANKUASA AD-HOC

Jawatankuasa Ad-Hoc mengenai "Feed-in Tariff (FiT)"
(*Ad-Hoc Committee on Feed-in Tariff : FiT*)

Pengerusi

Ir. Dr Lim Yun Seng

Ahli-Ahli

Ir. Mah Soo

Ir. Luk Chau Beng

Ir. Ong Ching Loon

Ir. Lalchand a/l Gulabrai

Ir. Yau Chau Fong

Ir. Ali Askar bin Sher Mohamad

JAWATANKUASA AD-HOC

Jawatankuasa Ad-Hoc mengenai Pindaan Perlembagaan bagi Pendaftaran Jurutera APEC
(*Ad-Hoc Committee on the Review of the Proposed Amendments to the Constitution of APEC Engineer Register*)

Pengerusi

Ir. Yim Hon Wa

Ahli-Ahli

Academician Dato' Ir. Prof. Dr Chuah Hean Teik

Datuk Ir. Prof. Dr Ow Chee Sheng

Ir. Ishak bin Abdul Rahman

JAWATANKUASA KHAS

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

Pengerusi

Ir. Chiam Teong Tee

Timbalan Pengerusi

Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah

Ahli-Ahli

Dato' Ir. Pang Leong Hoon

Ir. C.M.M. Aboobucker

Ir. Dr Ooi Teik Aun

Ir. Prof. Dr Lee Teang Shui

Ir. Prof. Dr Jeffrey Chiang Choong Luin

JAWATANKUASA KHAS KEJURUTERAAN "HALL OF FAME"

(*Sub-Committee on Engineering Hall of Fame*)

Pengerusi

Ir. Choo Kok Beng

Ahli- Ahli

Dato' Ir. Lim Chow Hock

Ir. Yim Hon Wa

Ir. Prof. Dr Hj. Wan Mahmood bin Wan Abdul Majid

JAWATANKUASA KHAS

Jawatankuasa Khas Perantara Laman Web METD
(*Sub Committee on METD Website Moderators*)

Pengerusi

Ir. Wan Rizaluddin Abdullah bin Wan Ali

Ahli- Ahli

Ir. Zaki bin Anhar

Engr. Dr Aravinthan a/l Arumugam

Engr. Prabhu a/l Murugesu

JAWATANKUASA KHAS

Jawatankuasa Khas Pindaan Perlembagaan dan Undang-Undang Kecil IEM Mengenai Undian Elektronik
(*Ad-Hoc Committee on Amendments to the IEM Constitution and Bylaws*) – *Electronic Balloting*

Pengerusi

Ir. Dr Lee Sze Wei

Ahli-Ahli

Ir. Yau Chau Fong

Ir. Li Thang Fai



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

Pengerusi

Ir. Liew Shaw Shong

Timbalan Pengerusi

Ir. Yee Thien Seng

Setiausaha / Bendahari

Ir. Chua Chai Guan

Penasihat

Ir. Lee Eng Choy

Ahli-Ahli

Ir. Oh Chin Wah
Ir. Dr Chan Swee Huat
Ir. Dr Ooi Teik Aun
Ir. Shahul Hameed bin Mydin
Ir. Kenny Yee Kwong Sing
Ir. Chow Chee Meng
Ir. Prof. Dr Roslan bin Hashim (*Co-opted*)
Ir. Dr Low Tian Huat (*Co-opted*)
Ir. Richard Ong Hwa Tiaw (*Co-opted*)
Ir. Lee Peir Tien (*Co-opted*)
Ir. Dr Soo Kian Sin (*Co-opted*)

BAHAGIAN TEKNIK KEJURUTERAAN KIMIA
(*Chemical Engineering Technical Division*) CETD

Pengerusi

Ir. Prof. Madya Dr Thomas Choong Shean Yaw

Timbalan Pengerusi

Ir. Prof. Dr Dominic Foo Chwan Yee

Setiausaha/Bendahari

Ir. Mohamad Fadzil bin Adnan @ Nan

Penasihat

Ir. Prof. Madya Dr Abdul Aziz bin Abdul Raman

Ahli-Ahli

Ir. Juares Rizal bin Abdul Hamid
Ir. Hj. Tunai Shamsidi bin Ahmad
Ir. Prof. Madya Dr Tee Tiam Ting
Ir. Thayananthan a/l Balakrishnan
Engr. Dr Lee Tin Sin, Grad. IEM
Engr. Noor Zuhaihan bt Mohamad Noor, Grad. IEM
Ir. Razmahwata bin Mohd. Razali (*Co-opted*)
Engr. Dr Chong Chien Hwa, Grad. IEM (*Co-opted*)
Engr. Ong Wei Rex, Grad. IEM (*Co-opted*)
Engr. Hanna Jamizah bt Muhammad Razif, Grad. IEM
(*Co-opted*)
Sdr. Dr Pin Kar Yong (*Co-opted*)

BAHAGIAN TEKNIK KEJURUTERAAN ELEKTRIK
(*Electrical Engineering Technical Division*) EETD

Pengerusi

Ir. Lee Kok Chong

Timbalan Pengerusi

Ir. Lam Sing Yew

Setiausaha / Bendahari

Ir. Ali Askar bin Sher Mohamad

Penasihat

Ir. Mah Soo

Ahli-Ahli

Ir. Yau Chau Fong
Ir. Prof. Madya Dr Vigna Kumaran a/l Ramachandaramurthy
Ir. Lim Kim Ten
Ir. Halim bin Osman
Ir. Dr Ng Kok Chiang
Engr. Vivekasugha a/l Gunaan, Grad. IEM
Ir. Faridon bin Talib (*Co-opted*)
Ir. Francis Xavier Jacob (*Co-opted*)
Ir. Chang Yew Cheong (*Co-opted*)
Ir. Chong Chew Fan (*Co-opted*)

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

Pengerusi

Ir. S. Kumar a/l S. Subramaniam

Timbalan Pengerusi

Ir. Dr Chin Nyuk Ling

Setiausaha / Bendahari

Ir. Yong Hong Liang

Penasihat

Ir. Prof. Dr Lee Teang Shui

Ahli-Ahli

Ir. Ooi Ho Seng
Ir. Tang Hee Teik
Ir. Soh Wee Chong
Ir. Prof. Madya Dr Law Chung Lim
Engr. Dr Yus Aniza bt Yusof, Grad. IEM
Engr. Dr Norashikin bt Ab. Aziz, Grad. IEM
Ir. Vasan a/l Muriappan (*Co-opted*)
Ir. Prof. Dr Hj. Rezuwan bin Hj. Kamaruddin (*Co-opted*)
Engr. Mohd. Fazly bin Mail, Grad. IEM (*Co-opted*)
Engr. Dr Mohd. Noriznan bin Mokhtar, Grad. IEM (*Co-opted*)

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

Pengerusi

Ir. Zainal Abidin bin Othman

**Timbalan Pengerusi**

Ir. Ellias bin Saidin

Setiausaha / Bendahari

Ir. Zaki bin Zainudin

Penasihat

Ir. Prof. Madya Dr Marlinda bt. Abdul Malek

Ahli-Ahli

Ir. Hj. Hanapi bin Mohamad Noor
 Ir. Prof. Madya Dr Aminuddin bin Mohd. Baki
 Ir. Dr Wong Wai Sam
 Ir. Kok Choo Mei
 Ir. Lim Sin Poh
 Engr. Prof. Madya Jama'iatul-Lailah bt Mohd. Jais, Grad. IEM
 Ir. Saw Chan Chai (Co-opted)
 Ir. Tham Yee Kiong (Co-opted)

BAHAGIAN TEKNIK KEJURUTERAAN ELETRONIK

(Electronic Engineering Technical Division) eETD

Pengerusi

Ir. Prof. Madya Dr Cheong Kuan Yew

Timbalan Pengerusi

Ir. Dr Hor Poh Jin

Setiausaha / Bendahari

Ir. Bernard Lim Kee Weng

Penasihat

Ir. Dr Tan Kim Hor

Ahli-Ahli

Ir. Chua Chin Chyang
 Ir. Paul Phor Chi Wei
 Ir. Choon Kok Yuen
 Ir. Dr Mui Kai Yin
 Engr. Cheang Wai Mun

BAHAGIAN TEKNIK KEJURUTERAAN MEKANIKAL

(Mechanical Engineering Technical Division) METD

Pengerusi

Ir. Noor Hisham bin Yahaya

Timbalan Pengerusi

Ir. Fam Yew Hin

Setiausaha / Bendahari

Ir. Soong Peng Soon

Penasihat

Ir. Dr Cheong Thiam Fook

Ahli-Ahli

Ir. Dr Aidil bin Chee Tahir
 Ir. Dr Kannan a/l M. Munisamy

Ir. Loo Chee Kin

Ir. Prof. Madya Dr Abdul Talib bin Din

Ir. Wan Rizaluddin Abdullah bin Wan Ali

Engr. Prof. Madya Jama'iatul-Lailah bt Mohd. Jais, Grad. IEM

Engr. Chan Jian Wen, Grad. IEM

Ir. Abdul Azim bin Abdul Rahman (Co-opted)

Ir. Luk Chau Beng (Co-opted)

Ir. Dr Chong Chien Fatt (Co-opted)

Ir. Gopal Narian Kutty (Co-opted)

Ir. Lum Youk Lee (Co-opted)

Wakil Kejuruteraan Pembuatan

Ir. Lai Ah Ying

Ir. Dr Tan Chee Fai

Engr. Nor Azilan bin Jaafar, Grad. IEM

BAHAGIAN TEKNIK KEJURUTERAAN PEMBUATAN

(Manufacturing Engineering Technical Division) MFGTD
 (Merged with Mechanical Engineering Technical Division)

Pengerusi

Ir. Dr Tan Chee Fai

Timbalan Pengerusi

Ir. Edwin Chin Chee Kwong

Setiausaha / Bendahari

-

Penasihat

Ir. Jagathisen s/o Siva Perumal

Ahli-Ahli

Ir. Tan Thong Ooi

Ir. Norizan bt Ibrahim

Ir. Lai Ah Ying

Ir. Yap Kian Fui

Engr. Nor Azilan bin Jaafar, Grad. IEM

BAHAGIAN TEKNIK KEJURUTERAAN KHIDMAT**BANGUNAN**

(Building Services Technical Division) BSTD

Pengerusi

Ir. Lim Chean Fung

Timbalan Pengerusi

Ir. Wong Chu Loong

Setiausaha / Bendahari

Ir. Lam Kim Seong

Penasihat

Ir. Phang Chen Faut

Ahli-Ahli

Ir. Tay Teck Beng

Ir. Ung Ah Hock

Ir. Gary Lim Eng Hwa

Ir. Daniel Lim Kim Chuan

Ir. Yap Chee Hong

Engr. Wong Win Heng, Grad. IEM

Ir. Tan Chew (Co-opted)

Ir. Sofia bt. Johari (Co-opted)


BAHAGIAN TEKNIK KEJURUTERAAN AWAM DAN STRUKTUR

(Civil and Structural Engineering Technical Division) CSETD

Pengerusi

Ir. David Ng Shiu Yuen

Timbalan Pengerusi

Ir. Ong Sang Woh

Setiausaha / Bendahari

Ir. Prof. Madya Dr Low Kaw Sai

Penasihat

Ir. Tu Yong Eng

Ahli-Ahli

Ir. Prof. Dr Jeffrey Chiang Choong Luin

Ir. M.C. Hee

Ir. Lee Kee Bau

Ir. Lo Seng Ling

Ir. Hooi Wing Chuen

Engr. Chee ChEn. Hoe, Grad. IEM

Ir. Boone Lim Boon Chye *(Co-opted)*

Ir. Yam Teong Sian *(Co-opted)*

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

Engr. Chen Keng Fai *(Co-opted)*

BAHAGIAN TEKNIK KEJURUTERAAN LEBUHRAYA DAN PENGANGKUTAN

(Highway and Transportation Engineering Technical Division) HTETD

Pengerusi

Ir. Gunasagaran a/l Kristnan

Timbalan Pengerusi

Ir. Chin Kar Keong

Setiausaha / Bendahari

Ir. Siew Yaw Jen

Penasihat

Ir. Prof. Madya Adnan bin Zulkiple

Ahli-Ahli

Ir. Richard Wong Chuen Fun

Ir. Zarabizan bin Zakaria

Ir. Dr Jumat bin Ahmad

Engr. Christina Ju bt. Mukhtar, Grad. IEM

Engr. Prof. Madya Dr Khoo Hooi Ling, Grad. IEM

Ir. Somasuntharam a/l Chinniah *(Co-opted)*

Engr. Chan Jen Haur, Grad. IEM *(Co-opted)*

Engr. Shuhairy bin Norhisham, Grad. IEM *(Co-opted)*

Engr. Che Ku Ramlan bin Che Ku Ibrahim, Grad. IEM

(Co-opted)

BAHAGIAN TEKNIK KEJURUTERAAN PENDIDIKAN

(Engineering Education Technical Division) E²TD

Pengerusi

Ir. Jayaseelan a/l Nadarajah

Timbalan Pengerusi

Ir. Prof. Madya Dr Faris Tarlochan

Setiausaha

Ir. Thavandendran a/l Mahalingam

Penasihat

Ir. Prof. Madya Dr Lariyah bt Mohd. Sidek

Ahli-Ahli

Dato' Wira Ir. (Prof.) Emeritus Dr Mohd. Noor bin Salleh

Ir. Dr Tan Chee Fai

Engr. Dr Jimmy Mok Vee Hoong, Grad. IEM

Engr. Balamuralithara a/l Balakrishnan, Grad. IEM

Engr. Yong Hong Lee, Grad. IEM

Engr. Mathew s/o NK Thomas, Grad. IEM

Engr. Lim Ken Ten, Grad. IEM *(Co-opted)*

Engr. Dr Zuraida bt Ahmad, Grad. IEM *(Co-opted)*

Engr. Dr Faieza bt Abdul Aziz, Grad. IEM *(Co-opted)*

Engr. Dr Nadiyahnor bt Md. Yusop, Grad. IEM *(Co-opted)*

Engr. Megat Syahirul Amin bin Megat Ali, Grad. IEM *(Co-opted)*

BAHAGIAN TEKNIK KEJURUTERAAN ALAM SEKITAR

(Environmental Engineering Technical Division) ENETD

Pengerusi

Ir. Fan Hong Poh

Timbalan Pengerusi

Ir. Santha Kumaran a/l Erusan @ Krishnan

Setiausaha / Bendahari

Ir. Jaya Chandar a/l Poloha Nandan

Penasihat

Ir. Khew Swee Lian

Ahli-Ahli

Ir. Wong Swee On

Ir. Tang Boon Heng

Ir. Hussein bin Rahmat

Ir. Somasuntharam a/l Chinniah

Ir. Daniel Lim Tian Lu

Engr. Kenneth Yeoh Tiong Kim, Grad. IEM

Ir. Hooi Kam Seng *(Co-opted)*

Ir. Choo Chee Ming *(Co-opted)*

Ir. Lee Heng Keng *(Co-opted)*

Sdr. Tan Boon Kong *(Co-opted)*


BAHAGIAN TEKNIK KEJURUTERAAN MINYAK, GAS DAN GALIAN
(Oil, Gas and Mining Technical Division) OGMTD
Pengerusi

Ir. Razmahwata bin Mohd. Razalli

Timbalan Pengerusi

Ir. Ahmad Rafidi bin Mohayiddin

Setiausaha / Bendahari

Ir. Mohd. Azwira bin Mohd. Azmi

Penasihat

Ir. Al-Khairi bin Mohd Daud

Ahli-Ahli

Ir. Hj. Look Keman bin Sahari

Ir. Fathullah Razzaq bin Ghazali

Ir. Chan Yee Yan

Ir. Abdul Hamid bin Suleiman

Ir. Danaraj a/l Chandrasegaran

Ir. Abd. Razak bin Abu Hurairah

Engr. Rudisham bin Marjohan, Grad. IEM

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

 Ir. Roznan bin Abdul Rashid *(Co-opted)*

 Ir. Mohd. Nazri bin Mustafa *(Co-opted)*

 Ir. Mohd. Shahrizan bin Md. Mokhtar *(Co-opted)*
BAHAGIAN TEKNIK PENGURUSAN PROJEK
(Project Management Technical Division) PMTD
Pengerusi

Ir. Lee Boon Chong

Timbalan Pengerusi

Ir. Faizal bin Abdullah Sanusi

Setiausaha / Bendahari

Ir. Noor Iziddin Abdullah bin Ghazali

Penasihat

Dato' Ir. First Admiral (B) Hj. Ahmad Murad bin Hj. Omar

Ahli-Ahli

Ir. Yap Soon Hoe

Ir. Dr Ahmad Anuar bin Othman

Ir. Hj. Zainal Arsad bin Md. Amin

Ir. Kanagasingam a/l C. Kanapathy Pillai

Engr. Chrisnadia bt. Sinam, Grad. IEM

Engr. Edward Lim Wen Chin, Grad. IEM

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

 Ir. Nik Mohd Hasmizie bin Nik Mohd Kamil *(Co-opted)*

 Ir. Yam Teong Sian *(Co-opted)*

 Engr. Jimmy Fam Deng Fong, Grad. IEM *(Co-opted)*
BAHAGIAN TEKNIK KEJURUTERAAN AKITEK MARIN DAN SENIBINA KAPAL
(Marine Engineering and Naval Architecture Technical Division) MNATD
Pengerusi

Dato' Ir. First Admiral (B) Hj. Ahmad Murad bin Hj. Omar

Timbalan Pengerusi

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

Setiausaha / Bendahari

Ir. Lt. Cdr. Azman bin Shaari

Ahli-Ahli

Ir. Prof. Dr Ab. Saman bin Abd. Kader

Ir. Kapt. (B) Sukhdev Singh

Ir. Nik Mohd Hasmizie bin Nik Mohd Kamil

Ir. Hj. Othman bin Abdul Kadir

 Dato' Ir. Abdul Hak bin Mohd. Amin *(Co-opted)*

 Engr. Prof. Madya Dr Mohd. Rizal bin Arshad, Grad. IEM *(Co-opted)*
BAHAGIAN TEKNIK KEJURUTERAAN TEROWONG DAN RUANG BAWAH TANAH
(Tunneling and Underground Space Technical Division) TUSTD
Pengerusi

Ir. Dr Mohd. Farid bin Hj. Ahmad

Timbalan Pengerusi

Ir. Lok Chuan Ming

Setiausaha / Bendahari

Ir. Ong Sang Woh

Penasihat

 Ir. Neo Boon Kheng *(sehingga 1.3.2011)*

 Ir. Dr Ooi Teik Aun *(sehingga 1.3.2011)*
Ahli-Ahli

Ir. Lim Thiam Chai

Ir. Dennis Nga Diong Hin

Ir. Govinda Rajoo s/o Rama Das

Ir. Chan Yee Yan

Ir. Allen Cheong Loong Kwong

 Ir. David R. Parks *(Co-opted)*

 Ir. Andrew Yeow Pow Kwei *(Co-opted)*

 Ir. Tan Cheng Chuan *(Co-opted)*

 Sdr. Tan Boon Kong *(Co-opted)*
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Setiausaha / Bendahari

Ir. Lee Mun Poh

Penasihat

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Ahli-Ahli

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Timbalan Pengerusi

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Setiausaha/Bendahari

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Ahli-Ahli

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(Graduate and Student Section)

Rebranding to Young Engineers Section (YES)

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Timbalan Pengerusi (I)

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Timbalan Pengerusi (II)

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Setiausaha/Bendahari

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Penasihat

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Bendahari Kehormat

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Ahli-Ahli

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 Ir. Tan Soo Haw
 Ir. Chandra Sekaran a/l Krishnan
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Bekas Pengerusi Terakhir

Ir. Angus Ang Mei Yu

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Bendahari Kehormat

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Ahli-Ahli

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 Ir. Hj. Rosli bin Mohamed
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Pahang Branch

Pengerusi

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Naib Pengerusi (I)

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Naib Pengerusi (II)

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Setiausaha Kehormat

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Bendahari Kehormat

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Bekas Pengerusi Terakhir

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Ahli-Ahli

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Ir. Hj. Rusli bin Embok

Naib Pengerusi (II)

Ir. Hj. Abdullah bin Mohd. Nor

Setiausaha Kehormat

Ir. Hj. Ateamin bin Sulong

Bendahari Kehormat

Dato' Ir. Hj. Wan Nazari bin Wan Jusoh

Bekas Pengerusi Terakhir

Ir. Hj. Rusli bin Embok

**Ahli-Ahli**

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 Ir. Abdul Aziz bin Abdullah
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 Ir. Adnan bin Ghazali
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Setiausaha Kehormat

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Bendahari Kehormat

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Bekas Pengerusi Terakhir

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 Ir. Wan Aiza bt Wan Abd. Aziz
 Ir. Hj. Mohamad Zaki bin Mat
 Ir. Hj. Ahmad Zawawi bin Mohamed
 Ir. Hj. Shaipuddin bin Shapii
 Ir. Mohd Zaim bin Ab. Hamid
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 Ir. Kassim bin Jeritan
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Bekas Pengerusi Terakhir

Ir. Dr John Panil

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Pengerusi

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Ir. Steven Chin Hui Seng

Naib Pengerusi (II)

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Setiausaha Kehormat

Ir. Dr Lau Hieng Ho

Bendahari Kehormat

Ir. Kiu Kwong Chiang

Ahli-Ahli

Ir. Hanisah bt Han
 Ir. Liew Siaw San
 Ir. Stanley Wong Yann Jeh
 Ir. Paul Chiew Lik Ing

Bekas Pengerusi Terakhir

Ir. Ting Kang Ngii



JAWATANKUASA PENGELOLA

**Jawatankuasa Pengelola Pertandingan “CHEM-e-CAR
Kebangsaan KE-6” 2011**

*(Organising Committee for 6th Malaysian Chem-e-Car
Competition 2011)*

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Pengerusi Bersama

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Ahli-Ahli

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Ir. Prof. Madya Dr Abdul Aziz bin Abdul Raman
Ir. Prof. Madya Dr Thomas Choong Shean Yaw
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Dr Tuan Syed Mohd Saufi bin Tuan Chik (*Wakil UMP*)
Dr Badrul Mohamed bin Jan (*Wakil UM*)
Engr. Imran bin Zakaria, Grad. IEM (*Wakil UniKL MICET*)
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Prof. Madya Dr Mohamad Zailani bin Abu Bakar (*Wakil USM*)
Prof. Madya Dr Siti Kartom bt Kamaruddin (*Wakil UKM*)
En. Norhisham bin Tan Kofli (*Wakil UKM*)

JAWATANKUASA PENGELOLA

**Jawatankuasa Pengelola Pertandingan “CHEM-e-CAR
Kebangsaan KE-7” 2012**

*(Organising Committee for 7th Malaysian Chem-e-Car
Competition 2012)*

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Pengerusi Bersama

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Ahli-Ahli

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Ir. Prof. Madya Dr Abdul Aziz bin Abdul Raman
Ir. Prof. Madya Dr Thomas Choong Shean Yaw
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Engr. Dr Chong Mei Fong, Grad. IEM
Engr. Shuhairy bin Norhisham, Grad. IEM
Engr. Imran bin Zakaria, Grad. IEM (*Wakil UniKL MICET*)
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Dr Mazrul Nizam bin Abu Seman (*Wakil UMP*)
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En. Azry bin Borhan (*Wakil UTP*)
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Dr Mohamad Hekarl bin Uzir (*Wakil USM*)
Dr Ma'an Fahmi Rashid Al-Khatib (*Wakil IIUM*)

JAWATANKUASA PENGELOLA

**Jawatankuasa Pengelola Persidangan “IEM-IET
mengenai “Sustainable Solution for Energy Utilisation”**

*(IEM-IET Engineering Conference on “Sustainable Solution
for Energy Utilisation)*

Pengerusi

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Pengerusi Bersama

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Setiausaha

Ir. Ali Askar bin Sher Mohamad

Pembantu Setiausaha

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Bendahari

Ir. Mah Soo

Pembantu Bendahari

Dr Shawn Tan Ser Ngiap

Ahli – Ahli

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Ir. Lock Peng Wei
Ir. Lim Kim Ten
Ir. Yau Chau Fong
Ir. Chong Chew Fan
Ir. Kok Yen Kwan
Ir. Francis Xavier Jacob
Ir. Faridon bin Talib
Ir. Cheang Kok Meng
Ir. Satha Anandan a/l Maniam
Ir. Dr Ng Kok Chiang
Engr. Lee Cheng Pay, Grad. IEM
Dr Matthew Teow Yok Wooi
Dr Nadia Tan Mei Lin
Dr Shawn Tan Ser Ngiap
Dr Miszaina bt Osman
Dr Ungku Anisa
Mr. Tan Chia Kwang
Mr. P. Sivajothi
Mr. Rodney Tan Hean Gay

JAWATANKUASA PENGELOLA

**Jawatankuasa Pengelola Persidangan “BROWNFIELD
ASIA 2011”**

(Organising Committee for Brownfield Asia Conference 2011)

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Setiausaha

Ir. Jaya Chandar a/l Poloha Nadan

Bendahari

Ir. Fan Hong Poh

Penasihat

Ir. Prof. Sr. Dr Hj. Suhaimi bin Abdul Talib

Ahli-Ahli

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Ir. Tang Boon Heng
Ir. Choo Chee Ming
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Ir. Hooi Kam Seng
Ir. Lee Heng Keng
Ir. Wong Swee On
Ir. Daniel Lim Tian Lu
Ir. Lee Seng Shern (*Wakil ERM*)



Engr. Kenneth Yeoh Tiong Kim, Grad. IEM
Engr. Khoo Boon Keat, Grad. IEM
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Ms. Sheila Sharma (*Wakil ENVIRON Malaysia*)
Mr. Nicholas Ng Tuan Hooi (*Wakil ENVIRON Malaysia*)

JAWATANKUASA PENGELOLA
**Jawatankuasa Pengelola bagi Persidangan Industri -
Akademia IEM**
(*Organising Committee on IEM Industry-Academia
Conference - IEMIA*)

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**Jawatankuasa Pengelola bagi Pertandingan Rekabentuk
2012**
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**Jawatankuasa Pengelola bagi Persidangan “Wanita dalam
Bidang Sains, Kejuruteraan dan Teknologi” (WiSET2012)**
(*Organising Committee for the Women in Science,
Engineering and Technology International Conference 2012*)

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Ir. June Lau Yuk Ma

Timbalan Pengerusi (2)
Ir. Raftah bt Mahfar

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(*Task Force on SSCDF for IT Infrastructure*)

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Pasukan Bertindak bagi Air Dan Alam Sekitar
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(Position Paper on Green Technology)

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Cik Endang Jati bt. Mat Sahid
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En. Azizul bin Abdul Aziz
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Perubahan Iklim dan Pancaran Dunia)**
(Position Paper Committee on Global Warming, Climate
Change and Emission)

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Ir. Khew Swee Lian
Ir. Khew Swee Lin
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Dr Elizabeth Philip
Prof. Madya Ahmad Makmom Abdullah
Prof. Dr Joy Jacqueline Pereira
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PASUKAN BERTINDAK

**Pasukan Bertindak bagi Isu-Isu Berkaitan Dengan
Pengurusan Perundingan Projek**
*(Position Paper on Relevance of Project Management
Consultancy)*

Pengerusi

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Ir. Mustaffa bin Tek
Ir. Faizal Abdullah bin Sanusi
Ir. Azizah bt. Mohd. Yusoff (*Wakil CIDB*)
Mr. S. Arokiadass (*Wakil PSDC*)
En. Muhd. Amin Amirul Zaman (*Wakil PSDC*)

PASUKAN BERTINDAK

**Pasukan Bertindak bagi Isu-Isu Berkaitan dengan
Perawatan Udara Panas Pengurusan Sisa Buangan**
*(Position Paper Committee on Issues related to the Use of
Thermal Treatment for Waste Management)*

Pengerusi

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Ahli-Ahli

Ir. Prof. Dr Abdul Halim bin Shamsuddin
Prof. Dr Farid Nasir bin Hj. Ani
Prof. Dr Ku Halim bin Ku Hamid
Dr Noor Zalina bt Mahmood
En. Sivapalan Khatiravale
En. Poon Kiam Heng
Cik Puvaneswari Ramasamy

PASUKAN BERTINDAK

**Pasukan Bertindak bagi Isu-Isu Mengenai Keberkesanan
Janakuasa Tenaga**
(Position Paper on Energy for Power Generation)

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Ir. Dr Philip Tan Chee Lin
Ir. Tejinder Singh
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Ir. Lock Peng Wei
Ir. Francis Xavier Jacob
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Ir. Al-Khairi bin Mohd. Daud
Engr. Thirupathi Rao a/l Narayanamoorthy, Grad. IEM
Engr. Puvanesan a/l Mariappan, Grad. IEM
Engr. Shuhairy bin Norhisham, Grad. IEM
Engr. Mah Way Sheng, Grad. IEM
Dr Wan Asma bt Ibrahim
Dr Baharom bin Ismail
Mr. Dennis Yong
Mr. Lionel Yap
Mr. Tan Ching Sing
En. Mohd. Seth bin Haron
En. Jailan Simon
En. Azrudi bin Mustapha
En. Jamal Khaer bin Ibrahim
Cik Zanariah bt Abdul Malek

PASUKAN BERTINDAK

Jawatankuasa Teknikal Mengenai Gempa Bumi
(Technical Committee on Earthquake)

Pengerusi

Ir. Prof. Dr Jeffrey Chiang Choong Luin

Ahli-Ahli

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Ir. M. C. Hee
Ir. Lee Weng Onn
Ir. Tu Yong Eng
Ir. Mun Kwai Peng
Ir. Patrick Augustin
Ir. Lee Sing Pen
Ir. Liew Shaw Shong
Ir. Dr Ooi Heong Beng
Ir. Prof. Madya Dr Low Kaw Sai
Ir. Dr Norhayati bt. Abdul Hamid
Ir. Syed Azmi bin Syed Abdul Ghani
Ir. Andy Gan Khai Fatt
Engr. Lee Jiang Jun, Grad. IEM
Prof. Dr Azmi bin Ibrahim
Prof. Madya Dr Azlan bin Adnan
Dr Mohd Rosaidi bin Che Abas

JAWATANKUASA KO-ORDINASI

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Bertindak**
(Position Paper Co-ordinating Committee)

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Penasihat

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Ahli-Ahli

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Ir. Luk Chau Beng
Ir. Lalchand a/l Gulabrai
Prof. Dr Show Kuan Yeow



NO	ORGANISATION	NAME OF MEETING	MEETING DATES AND ATTENDANCE	REPRESENTATIVES	MONITORING COMMITTEE
1	1Malaysia Development Berhad (1MDB)	Pelancaran Galeria Bandar Malaysia dan Konsep Perumahan Mampu Milik 1MDB	20.12.2011	Ir. Ashari bin Mohd. Yakub	Excomm
2	Academy of Sciences Malaysia (ASM)	2nd Meeting of the ASM Science and Technology and Industry Linkage Committee (STILC)	3.12.2011	Ir. Choo Kok Beng	Excomm
3	American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc Malaysia	EN MASSE 2011	28.10.2011	Ir. Lim Chean Fung	BSTD
4	ASEAN Elenex 2011 (AE 2011)	ASEAN Elenex 2011 (AE 2011) and Industrial Automation 2011 (IA 2011)	22.7.2011	Ir. Mah Soo	EETD
5	Balai Ikhtisas Malaysia (BIM)	Annual General Meeting	23.7.2011	Ir. P.E. Chong Ir. Gunasagaran a/l Kristnan	Excomm
6	Balai Ikhtisas Malaysia (BIM)	Board of Management (BoM)	23.3.2011 6.7.2011 6.10.2011	Ir. Choo Kok Beng Ir. P.E. Chong Ir. Gunasagaran a/l Kristnan Ir. Yim Hon Wa Dato' Ir. Hj. Abdul Rashid bin Maidin Ir. Yau Chau Fong Ir. P.E. Chong (alt)	Excomm
7	Balai Ikhtisas Malaysia (BIM)	The Special Board of Management (BoM) : Special BoM (1) 2011/2012	22.10.2011	Ir. Choo Kok Beng Ir. P.E. Chong Ir. Gunasagaran a/l Kristnan Ir. Yau Chau Fong	Excomm
8	Board of Engineers Malaysia (BEM)	Jawatankuasa Penyelaras	24.1.2011 27.4.2011 28.4.2011	Ir. Dr Gue See Sew	Excomm
9	Board of Engineers Malaysia (BEM)	WG - Responsibility and Accountability of All Stakeholders in Construction Industry	14.9.2011	Ir. Lee Weng Onn Ir. Gunasagaran a/l Kristnan (alt)	Excomm
10	Building Management Association of Malaysia (BMAM)	Executive Committee of BMAM	16.6.2011	Ir. Lee Weng Onn	Excomm
11	Building Management Association of Malaysia (BMAM)	Second Annual General Meeting	25.3.2011	Ir. Lee Weng Onn	Excomm
12	Building Management Association of Malaysia (BMAM)	Signing Ceremony of MoU for OUM and BMAM	13.12.2011	Ir. Lee Weng Onn	Excomm
13	Construction Industry of Development Berhad (CIDB)	Bengkel Ujian Perisian IBS Score	19.12.2011	Ir. Gunasagaran a/l Kristnan Ir. Hooi Wing Chuen (alt)	Excomm
14	Construction Industry of Development Berhad (CIDB)	Malaysian IBS International Exhibition 2011	5.4.2011	Ir. Gunasagaran a/l Kristnan	Excomm
15	Construction Industry of Development Berhad (CIDB)	Working Group Training for Development of Green Technology Training/Promotion in Construction	9.11.2011	Ir. Lee Kok Chong Ir. Chong Chiew Fan (alt)	EETD
16	CONCET 2012	International Conference on Concrete Engineering and Technology 2012	8.3.2011	Ir. David Ng Shiu Yuen Ir. Tu Yong Eng (alt)	CSETD
17	Construction Industry Development Board Berhad (CIDB)	Development of Competency Standard for Construction Value Manager	4.12.2011	Ir. Gunasagaran a/l Kristnan Ir. Lai Sze Ching (alt)	PPC
18	Construction Industry Development Board Berhad (CIDB)	Invitation to Deliberate on the Registration Criteria for Facility Management Contractor	12.1.2011	Ir. David Ng Shiu Yuen	CSETD
19	Construction Industry Development Board Berhad (CIDB)	Jawatankuasa Induk Penganjuran Malaysia IBS International Exhibition 2011 (MIIE 2011)	19.1.2011	Ir. Gunasagaran a/l Kristnan	Excomm



NO	ORGANISATION	NAME OF MEETING	MEETING DATES AND ATTENDANCE	REPRESENTATIVES	MONITORING COMMITTEE
20	Construction Industry Development Board Berhad (CIDB)	Jawatankuasa Penilai Anugerah Industri Pembinaan 2011 (MCIEA 2011)	3.10.2011 17.10.2011	Engr. Shuhairy bin Norhisham	Excomm
21	Construction Industry Development Board Berhad (CIDB)	Jawatankuasa Teknikal : Amalan Baik Teknologi Hijau dalam Industri Binaan	24.1.2011 6.6.2011 15.11.2011	Ir. Lee Kok Chong	EETD
22	Construction Industry Development Board Berhad (CIDB)	Jawatankuasa Teknikal: Contraction Practices - MS 2318 : 201 (P) Code of Practice on Demolition Buildings	25.1.2011	Ir. Tu Yong Eng	CSETD
23	Construction Industry Development Board Berhad (CIDB)	Lawatan ke Bangunan Suruhanjaya Tenaga	12.7.2011	Ir. Lee Kok Chong	EETD
24	Construction Industry Development Board Berhad (CIDB)	Majlis Perasmian TCDPAP & FIDIC / ASPAC Kuala Lumpur Conference 2011	25.4.2011	Ir. Yim Hon Wa	Excomm
25	Construction Industry Development Board Berhad (CIDB)	Malaysian Civil Engineering Standard Method of Measurement (MyCESMM)	9.11.2011	Ir. Oon Chee Kheng	PPC
26	Construction Industry Development Board Berhad (CIDB)	Malaysian IBS International Exhibition 2011	5.4.2011	Ir. Gunasagaran a/l Kristnan Ir. Prof. Dr Jeffrey Chiang Choong Luin Ir. Choo Kok Beng Ir. M.C. Hee Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah Ir. Prof. Dr Lee Teang Shui Ir. Lee Weng Onn Ir. Rosaline Ganendra Ir. Prof. Dr Ruslan bin Hassan Ir. Yim Hon Wa Engr. Shuhairy bin Norhisham	Excomm
27	Construction Industry Development Board Berhad (CIDB)	Mesyuarat (1/2011) Kumpulan Kerja 7	28.11.2011	Ir. Oon Chee Kheng	PPC
28	Construction Industry Development Board Berhad (CIDB)	Panel Hakim "IBS Video Animation Competition for Student 2010 - 2011"	17.3.2011	Engr. Shuhairy bin Norhisham	Excomm
29	Construction Industry Development Board Berhad (CIDB)	Pembangunan Modul Latihan Kontraktor Bidang Kerja Meroboh	8.3.2011 9.5.2011	Ir. Tu Yong Eng	CSETD
30	Construction Industry Development Board Berhad (CIDB)	Program "Train-the-Trainer" bagi Modul Rekabentuk Konkrit Pra-tuang	12.9.2011	Ir. Gunasagaran a/l Kristnan	PPC
31	Construction Industry Development Board Berhad (CIDB)	Seminar on Malaysian Standards Application in Built Environment - Towards Mandatory Requirement in Construction Industry	14.7.2011	Dato' Lt. Gen. @ Ir. Hj. Ismail bin Samion Ir. Mun Kwai Peng	PPC
32	Construction Industry Development Board Berhad (CIDB)	WG - Roadmap and Training for Development of Green Technology Best Practices in Construction	22.2.2011 27.5.2011 10.8.2011	Ir. Lee Kok Chong	EETD
33	Construction Research Institute of Malaysia [CREAM]	Annual General Meeting	27.6.2011	Ir. Prof. Ruslan bin Hassan	Excomm
34	Construction Research Institute of Malaysia [CREAM]	Industrialised Building System (IBS) Roundtable Workshop: Technology Foresight	21.6.2011	Engr. Shuhairy bin Norhisham	Excomm
35	Construction Research Institute of Malaysia [CREAM]	Projek Penyelidikan dan Pembangunan (R&D) CREAM-UTM	10.5.2011	Ir. Prof. Dr Jeffrey Chiang Choong Luin	CSETD
36	Construction Research Institute of Malaysia [CREAM]	The Board of Trustees	17.2.2011	Ir. Prof. Ruslan bin Hassan	Excom



NO	ORGANISATION	NAME OF MEETING	MEETING DATES AND ATTENDANCE	REPRESENTATIVES	MONITORING COMMITTEE
37	Eastern Regional Organization For Planning & Human Settlements [EAROPH]	EARPOH Malaysia Council Meeting	8.3.2011 2.8.2011	Ir. Vincent Chen Kim Kieong Ir. Hoo Choon Sean Ir. Choo Kok Beng Ir. Lim Chow Hock	Excomm
38	Eastern Regional Organization For Planning & Human Settlements [EROPAH]	Press Conference launching on the Green Solutions for Property Development (GSPD) 2011	13.6.2011	Ir. Gunasagaran a/l Kristnan	Excomm
39	Eastern Regional Organization For Planning & Human Settlements [EROPAH]	Roundtable Discussion: The Malaysia Nuclear Energy Option, A Post Fukushima Perspective	21.7.2011	Ir. Lee Kok Chong Ir. Santha Kumaran s/o Erusan @ Krishnan Ir. Lim Tian Lu	Excomm
40	Green Tech Malaysia	Launching and Conference for ASEAN Energy Management Scheme [AEMAS]	19.7.2011	Ir. Ong Ching Loon Ir. Mah Soo (alt)	Excomm
41	Institut Penyelidikan Perhutanan Malaysia [FRIM]	National Committee on the Use of Timber in Construction (NCUTC)	26.1.2011 25.2.2011 20.7.2011 24.8.2011	Ir. Low Kaw Sai	CSETD
42	INTI International University	INTI 25 Years of Excellence	29.4.2011	Ir. Prof. Dr Cheong Thiam Fook	METD
43	Jabatan Alam Sekitar (JAS)	Jemputan Menghadiri Hari Bersama Pelanggan Jabatan Alam Sekitar	8.12.2011	Ir. Khew Swee Lian	ENETD
44	Jabatan Bomba dan Penyelamat, Malaysia	Majlis Perundingan diantara Jabatan Bomba dan Penyelamat, Malaysia dan Badan Professional	28.6.2011	Ir. Thin Choon Chai Ir. Wong See Foong (alt)	PPC
45	Jabatan Bomba dan Penyelamat, Malaysia	Majlis Sambutan Hari Anggota Bomba	5.7.2011	Ir. Kannan a.l M. Munisamy Ir. Vincent Chen Kim Kieong (alt)	Excomm
46	Jabatan Bomba dan Penyelamat, Malaysia	Pemeriksaan Surveillance bagi Sistem Perlindungan Kebakaran 'FE-13(TM) Fire Suppression System'	6.12.2011	Ir. Thin Choon Chai Ir. Wong See Foong (alt)	PPC
47	Jabatan Kerajaan Tempatan	Jawatankuasa Penambahbaikan One Stop Centre (OSC) Bil 1/2011	11.1.2011	Ir. P.E. Chong	Excomm
48	Jabatan Kerja Raya Malaysia	Perlaksanaan Pelan Tindakan ke atas Syor Hasil Kajian Gempa Bumi dan Tsunami di Malaysia	3.2.2011 14.2.2011	Ir. Liew Shaw Shong	GETD
49	Jabatan Meteorologi Malaysia	Jawatankuasa Antara Agensi Mengenai Pengurusan Risiko Gempa Bumi dan Tsunami	17.2.2011 29.6.2011 1.11.2011	Ir. Liew Shaw Shong	GETD
50	Jabatan Meteorologi Malaysia	Jawatankuasa Kecil Pelarasan Penyelidikan Gempa Bumi dan Tsunami	11.8.2011	Ir. Prof. Dr Jeffrey Chiang Choong Luin	CSETD
51	Jabatan Meteorologi Malaysia	Mesyuarat Jawantan Kuasa Antara Agensi mengenai Pengurusan Risiko Gempa Bumi dan Tsunami kali 22	1.11.2011	Ir. Liew Shaw Shong	GETD
52	Jabatan Pengairan dan Saliran Malaysia (JPS)	Malaysian Standards on Urban Stormwater Management	21.11. 2011	Ir. Chong Sun Fatt	WRTD
53	Jabatan Pengairan dan Saliran Malaysia (JPS)	Talk on Role of MSMA in Promoting Sustainable Urban Drainage Systems in Malaysia & Cities of the Future: Sustainable Urban Planning	28.1.2011	Ir. Chong Sun Fatt	WRTD
54	Jabatan Pengurusan Sisa Pepejal Negara	Mesyuarat Mengenai Garispanduan Sistem Pengurusan Sisa Pepejal Dan Pembersihan Awam Bagi Permohonan Pembangunan Baru	5.12.2011	Ir. Tang Boon Heng Ir. Tu Yong Eng (alt) Ir. Choo Chee Ming (alt)	CSETD
55	Jabatan Perancangan Bandar dan Desa	Jawatankuasa Kerja Pembangunan Kejiranan Hijau	28.3.2011	Ir. Dr Cheong Thiam Fook	METD



NO	ORGANISATION	NAME OF MEETING	MEETING DATES AND ATTENDANCE	REPRESENTATIVES	MONITORING COMMITTEE
56	Jabatan Perancangan Bandar dan Desa	Jawatankuasa Pakar Garis Panduan Perancangan Lorong Belakang	20.4.2011	Ir. Gunasagaran a/l Kristnan	Excomm
57	Jabatan Perancangan Bandar dan Desa	Program Sebaran Dan Teach In Bagi Pelaksanaan Inisiatif Makmal Pembangunan Hartanah (MPH) Siri Ke-5	21.12.2011	Ir. Boone Lim	CSETD
58	Jabatan Perancangan Bandar dan Desa Semenanjung Malaysia (KPKT)	Mesyuarat Bil (2/2011) Jawatankuasa Kerja Pembangunan Kejiranan Hijau	22.12.2011	Ir. Dr Cheong Thiam Fook	METD
59	Jabatan Standard Malaysia	Bengkel Penggunaan Sistem "IT ISO-Global Directory and National Mirror Committee Server"	25.5.2011	Ir. M.C. Hee Ir. Khew Swee Lian	Excomm
60	Jabatan Standard Malaysia	Jawatankuasa Kebangsaan Standard IEC (Malaysian Electrotechnical National Committee - My ENC)	10.3.2011 28.7.2011 12.5.2011 8.12.2011	Ir. Jeewa s/o Vengadasalam Ir. Choo Kok Beng	EETD
61	Jabatan Standard Malaysia	Jawatankuasa Kebangsaan Standard (MyNSC)	8.3.2011 22.3.2011 26.7.2011	Ir. Choo Kok Beng	Excomm
62	Jabatan Standard Malaysia	Jawatankuasa mengenai Aspek Sistem (IEC/SC 65A)	17.5.2011	Ir. Mah Soo	EETD
63	Jabatan Standard Malaysia	Jawatankuasa Teknikal Mengenai Cranes (ISO/TC 96)	30.5.2011	Ir. Jayaseelan s/o Nadarajah	E ² TD
64	Jabatan Standard Malaysia	Mesyuarat Agung IEC dan Mesyuarat - Mesyuarat Teknikal Berkaitan	24.10.2011	Ir. Jeewa s/o Vengadasalam	EETD
65	Jabatan Standard Malaysia	Mesyuarat Bagi Membincangkan Skop Kumpulan 1 & 2 Pengurusan Risiko Gempa Bumi & Tsunami	13.12.2011	Ir. Prof. Dr Jeffrey Chiang Choong Luin Ir. Liew Shaw Shong (alt)	Excomm
66	Jabatan Standard Malaysia	Program Latihan Berkaitan Aktiviti Standardisasi untuk Pengerusi adan Ahli Jawatankuasa Pembangunan Standard	29.3.2011 26.4.2011	Ir. Hsiung Teck Pin Ir. Kok Yen Kwan Ir. Lim Kim Ten (alt)	METD / EETD
67	Jabatan Standard Malaysia	Program Latihan Berkaitan Aktiviti Standardisasi untuk Pengerusi dan Ahli Jawatankuasa Pembangunan Standard	26.4.2011	Ir. Hsiung Teck Pin Ir. Mah Soo Ir. Abdul Fattah bin Mohamed Yatim Ir. Den Low Han Guan Ir. Lum Peng Fatt	Excomm
68	Jabatan Standard Malaysia	Public Consultation Forum on MS for Halal Phamaceutical	2.3.2011	Ir. Choo Kok Beng	Excomm
69	Kementerian Perdagangan Antarabangsa dan Industri Malaysia	Sesi Pembentangan Awam oleh "Stakeholders" mengenai Projek Lynas	2.6.2011	Ir. Prof. Dr Lee Sze Wei	Excomm
70	Kementerian Perumahan dan Kerajaan Tempatan	Kertas Cadangan Lembaga Jurutera Malaysia untuk mewajibkan penggunaan perkhidmatan pemeriksa bertauliah	14.7.2011	Ir. Dr Ooi Teik Aun	GETD
71	Kementerian Sains, Teknologi dan Inovasi [MOSTI]	Bengkel Joint Technical Consultative Committee (JTCC) Susulan dari Bengkel Rang Undang-Undang Teknologi dan Juruteknik 2011	8.7.2011	Ir. Lai Sze Ching Ir. Cheang Kok Meng (alt)	Excomm
72	Kementerian Sains, Teknologi dan Inovasi [MOSTI]	Cadangan Penubuhan Lembaga Jurukomputer Malaysia (Board of Computing Professionals Malaysia)	16.6.2011	Ir. Cheang Kok Meng Ir. Noor iziddin Abdullah bin Ghazali (alt)	Excomm
73	Kementerian Sains, Teknologi dan Inovasi [MOSTI]	Perluasan Skop Seismik ke Sabah dan Sarawak	27.4.2011	Ir. Prof. Dr Jeffrey Chiang Choong Ir. Liew Shaw Shong (alt)	Excomm



NO	ORGANISATION	NAME OF MEETING	MEETING DATES AND ATTENDANCE	REPRESENTATIVES	MONITORING COMMITTEE
74	Kementerian Sains, Teknologi dan Inovasi [MOSTI]	Proses "Syndication" bagi Lab Penggubalan Dasar Sains dan Teknologi Negara Ketiga (DSTN3) dan Akta Sains Teknologi (S&T)	27.5.2011	Ir. Noor Iziddin Abdullah bin Ghazali	PMTD
75	Kementerian Tenaga, Teknologi Hijau dan Air, Malaysia [KeTTHA]	Bengkel Konsultasi Stakeholders bagi Low Carbon Cities Framework and Assessment System	14.4.2011	Ir. Prof. Dr Cheong Thiam Fook Ir. Soong Peng Soon (alt) Ir. Luk Chau Beng (alt)	METD
76	Kementerian Tenaga, Teknologi Hijau dan Air, Malaysia [KeTTHA]	Bengkel Penggubalan Terma Rujukan Akta Kecekapan	3.2.2011	Ir. Ong Ching Loon Ir. Mah Soo	BSTD/ EETD
77	Kementerian Tenaga, Teknologi Hijau dan Air, Malaysia [KeTTHA]	Bengkel Penyediaan Pelan Tindakan Green Jobs (Green Jobs Action Plan Workshop)	10.5.2011	Ir. Dr Cheong Thiam Fook	METD
78	Kementerian Tenaga, Teknologi Hijau dan Air, Malaysia [KeTTHA]	Jawatankuasa Pemandu Kebangsaan Projek Malaysia Building Integrated Photovoltaic [MBIPV]	28.1.2011	Ir. Dr Cheong Thiam Fook Ir. Luk Chau Beng (alt) Ir. Soong Peng Soon (alt)	METD
79	Kementerian Tenaga, Teknologi Hijau dan Air, Malaysia [KeTTHA]	Perasmian Program Sustainability achieved via Energy Efficiency (SAVE) - Entry Point Project 9 (EPP9) : Kecekapan Tenaga	7.7.2011	Ir. Lee Kok Chong	EETD
80	Kementerian Tenaga, Teknologi Hijau dan Air, Malaysia [KeTTHA]	Taklimat Penyediaan Cadangan Teknikal & Kos untuk Pengubalan Akta Kecekapan Tenaga (Elektrikal & Termal)	28.3.2011 5.8.2011	Ir. Mah Soo	EETD
81	Lembaga Perindustrian Kayu Malaysia [MTIB]	Jawatankuasa Pemandu Projek (PSC) Program Kesedaran IBS untuk Usahawan Bumiputera Sektor Perakayuan	22.3.2011	Ir. Gunasagaran a/l Kristnan	Excomm
82	Lembaga Perindustrian Kayu Malaysia [MTIB]	Jemputan ke Program T-Talk MTIB: Timeless Deco - Application of Timber in Interiors	19.12.2011	Ir. Prof. Dr Lai Sze Ching	PPC
83	Lembaga Perindustrian Kayu Malaysia [MTIB]	Mesyuarat Jawatankuasa Teknikal Kayu, Keluaran Kayu dan Struktur Kayu Bil 1/2011	1.1.2011 16.11.2011	Ir. Low Kaw Sai	CSTD
84	Lembaga Perindustrian Kayu Malaysia [MTIB]	Program Kesedaran IBS untuk Usahawan Bumiputera Sektor Perakayuan - Kursus Latihan Jurulatih	20.4.2011 4.5.2011	Ir. Gunasagaran a/l Kristnan	Excomm
85	Lembaga Perindustrian Kayu Malaysia [MTIB]	Sub Committee on Timber Structures	19.8.2011	Ir. Prof. Dr Lai Sze Ching	PPC
86	Majlis Bandaraya Melaka Bersejarah	Bengkel Rumah Kedai 'Shophouses' on the Straits of Melaka dan Pengurusan Perkhidmatan serta Pengindahan Bandaraya	4.3.2011 24.10.2011	Ir. Mohd. Khalid bin Nasir	Melaka
87	Majlis Perbandaran Klang	Seminar Memperkasakan Tindakan Penguatkuasaan Menurut Akta Perancangan Bandar dan Desa 1976 (Akta 172)	10.1.2011	Dato' Ir. Lim Chow Hock	Excomm
88	Majlis Profesor UKM, Lembaga Perlesenan Tenaga Atom dan Nuklear, Malaysia	Jemputan Seminar 'Tenaga Nuklear: Pengalaman daripada Fukushima'	14.11.2011	Ir. Lee Kok Chong Ir. Santha Kumaran a/l Erusan @ Krishnan Ir. Lim Tian Hu Ir. Mah Soo Ir. Lim Kim Ten	EETD / ENETD
89	Majlis Tenaga Malaysia (ECoM)	Extra-Ordinary General Meeting	8.12.2011	Ir. Lam Sing Yew	EETD
90	Malaysia External Trade Development Corporation [MATRADE]	Discussion on Strategies to Engage, Explore and Win Opportunities in Qatar Projects 2011 in Relation to World	7.1.2011	Ir. Choo Kok Beng Ir. David Lai Phooi Kong (alt)	Excomm
91	Malaysia External Trade Development Corporation [MATRADE]	Malaysia -Africa Business Forum (MABF)	18.6.2011	Ir. Rocky Wong Hon Thang	CA



NO	ORGANISATION	NAME OF MEETING	MEETING DATES AND ATTENDANCE	REPRESENTATIVES	MONITORING COMMITTEE
92	Malaysia External Trade Development Corporation [MATRADE]	NAPSEC	11.3.2011 15.3.2011 4.10.2011	Ir. Rocky Wong Hon Thang	Excomm
93	Malaysia Green Building Confederation [MGBC]	Annual General Meeting	28.5.2011	Ir. Dr Cheong Thiam Fook	METD
94	Malaysia Productivity Corporation [MPC]	Conference on Modernising Business Regulation	18.1.2011	Datuk Ir. Prof. Dr Ow Chee Sheng	Excomm
95	Malaysia Productivity Corporation [MPC]	Engagement Session with Chief Secretary to the Government on World Bank Doing Business Report	18.4.2011	Ir. Choo Kok Beng Ir. Lee Weng Onn (alt)	Excomm
96	Malaysia Productivity Corporation [MPC]	Launching of Productivity Report 2010/2011 & Productivity Award 2010 Presentation Ceremony	12.5.2011	Ir. Md. Mazlan bin Md. Ismail Merican	Excomm
97	Malaysia Productivity Corporation [MPC]	Workshop on Renewable Energy in Nadi, Fiji: Letter of Acceptance	20.6.2011	Ir. Luk Chau Beng	METD
98	Malaysia Toray Science Foundation (MTSF)	Prize Presentation Ceremony	20.12.2011	Ir. Choo Kok Beng	Excomm
99	Malaysian Green Technology Corporation (MTSF)	Green Technology Roadmap Phase 1: Technical Review Committee Meeting	30.5.2011	Ir. Dr Cheong Thiam Fook Ir. Lee Kok Chong Ir. Gunasagaran a/l Krishnan Ir. Lim Chean Fung Engr. Nor Azilan bin Jaafar	Excomm
100	Malaysian Industrial Development Authority [MIDA]	Annual Media Conference on Investments in the Manufacturing and Services Sectors 2010	18.1.2011	Ir. Rocky Wong Hon Thang	CA
101	Malaysian Nuclear Society	Workshop on Nuclear Energy Option 2	18.1.2011	Ir. Lee Kok Chong	EETD
102	Malaysian Rubber Export Promotion Council	Rubber in Engineering Meeting	24.11.2011	Ir. Choo Kok Beng	Excomm
103	Malaysian Service Providers Confederation [MSPC]	Annual General Meeting	30.6.2011	Ir. Choo Kok Beng	Excomm
104	Malaysian Timber Council (MTC)	MTC Timber Talk Series, 'Time for Timber-Culture, Craft & Creation'	1.12.2011	Ir. Lai Sze Ching	PPC
105	MAMPU-Unit Permodenan Tadbiran Dan Perancangan Pengurusan Malaysia	Mesyuarat Bagi Membincangkan mengenai "OneStop Centre" di Peringkat Pihak Berkuasa Tempatan	15.12.2011	Ir. Thin Choon Chai	PPC
106	Minister of International Trade and Industry Malaysia (MITI)	Dinner and Presentation of The Industry Excellence Awards 2010	24.3.2011	Engr. Nor Azilan bin Jaafar	METD
107	Minister of International Trade and Industry Malaysia (MITI)	Proses Syndication bagi Lab Penggubalan Dasar Sainsdan Teknologi Negara Ketiga (DSTN3) dan Akta Sains Teknologi (S&T)	20.6.2011	Ir. Cheang Kok Meng Ir. Noor Iziddin Abdullah bin Ghazali (alt)	Excomm
108	Ministry of Science Technology and Innovation (MOSTI)	Majlis Pelancaran Sistem KRSTE.my	29.11.2011	Ir. Prof. Dr Ruslan bin Hassan	Excomm
109	Pejabat Setiausaha Kerajaan Negeri Selangor Darul Ehsan	PEMUDAH Selangor	11.3.2011 4.7.2011 30.5.2011 19.12.2011	Dato' Lt. Gen (R) Ir. Ismail bin Samion Ir. Rocky Wong Hon Thang (alt)	Excomm
110	Pengerusi Tribunal Rayuan Kastam	Taklimat Tribunal Rayuan Kastam (TRK)	6.12.2011	Ir. Lai Sze Ching	PPC



NO	ORGANISATION	NAME OF MEETING	MEETING DATES AND ATTENDANCE	REPRESENTATIVES	MONITORING COMMITTEE
111	Ricoh (Malaysia) Sdn Bhd	Ricoh Corporate Golf Day 2011	18.4.2011	Ir. Dr Cheong Thiam Fook	METD
112	Science Malaysia	Joint Research with International Institute for Applied	11.11.2011	Ir. Cheang Kok Meng	Excomm
113	SIRIM Berhad	Forum `Architectural and Engineering Drawing Using Computer Aided Design (CAD): Part 1-5	1.12.2011	Ir. Teoh Teik Seng Ir. Ong Sang Woh Ir. David Ng Shiu Yuen Ir. Tejinder Singh	CSTD
114	SIRIM Berhad	Jawatankuasa Standard Perindustrian bagi Bangunan, Pembinaan dan Kejuruteraan Awam (ISC D)	16.6.2011	Ir. M.C. Hee Ir. Mun Kwai Peng (alt)	Excomm
115	SIRIM Berhad	Jawatankuasa Standard Perindustrian bagi Kejuruteraan Mekanikal (ISC F)	10.5.2011	Ir. Fam Yew Hin Ir. Luk Chau Beng (alt)	METD
116	SIRIM Berhad	Jawatankuasa Standard Perindustrian bagi Keselamatan Pekerja dan Kesihatan (ISC W)	31.5.2011	Ir. Noor Hisham bin Yahaya	METD
117	SIRIM Berhad	Jawatankuasa Standard Perindustrian bagi Pencegahan dan Keselamatan Kebakaran (ISC M)	24.1.2011	Datuk Ir. Prof. Dr Ow Chee Sheng Ir. Wong See Fong (alt)	Excomm
118	SIRIM Berhad	Jawatankuasa Standard Perindustrian bagi Petroleum dan Gas (ISC H)	11.5.2011	Ir. Runny Poh	Excomm
119	SIRIM Berhad	Jawatankuasa Standard Perindustrian bagi Plastik dan Barangan Plastik (ISC J)	22.6.2011	Ir. Lai Ah Ying	METD
120	SIRIM Berhad	Jawatankuasa Standard Perindustrian bagi Teknologi Maklumat, Komunikasi dan Multimedia (ISC G)	19.5.2011	Ir. Abdul Fattah bin Mohamed Yatim	ITSIG
121	SIRIM Berhad	Technical Committee on Plastics Pipes and Fittings	10.1.2011	Ir. Ahmad Nordeen bin Hj. Mohd. Salleh	Excomm
122	SIRIM Berhad	Technical Visit to Core Competencies Sdn Bhd	30.3.2011	Ir. Kok Yen Kwan Ir. Mah Soo	EETD
123	SIRIM Berhad	Meeting (7/2011) for Working Group on Biogas	29.11.2011	Ir. Mohamad Fadzil bin Adnan @ Nan	Excomm
124	SIRIM Berhad	WG on Air Conditioning	8.11.2011	Ir. Soong Peng Soon	METD
125	SIRIM Berhad	Mesyuarat (4/2011) Kumpulan Kerja Bagi "Specification for Mortar Masonry	8.12.2011	Ir. Hooi Wing Chuen Ir. Boone Lim (alt)	CSETD
126	SIRIM Berhad	Mesyuarat Bil (7/2011) Kumpulan Kerja 1 bagi "Code of Practice for Fire Safety (Section 3,4 and 6)"	1.12.2011	Ir. Gary Lim Eng Hwa	BSTD
127	SIRIM Berhad	Mesyuarat Jawatankuasa Standard Perindustrian (JSP D) bagi Bangunan, Pembinaan dan Kejuruteraan	22.11.2011	Ir. M.C. Hee	CSTD
128	SIRIM Berhad	Notice of Meeting 09/2011 `TC on Concrete and Concrete Products'	13.12.2011	Ir. Boone Lim Ir. Hooi Wing Chuen (alt)	CSETD
129	SIRIM Berhad	Notice of Meeting (3/2011) for Technical Committee on Dependability	12/19/2011	Ir. Lam Sing Yew	EETD
130	SIRIM Berhad	Notis Mesyuarat (1/2011) Jawatankuasa Standard Perindustrian bagi Pengurusan Alam Sekitar (ISC Z)	18.11.2011	Ir. Choo Chee Ming	Excomm
131	SIRIM Berhad	Notis Mesyuarat (2/11) Jawatankuasa Standard Perindustrian bagi Keselamatan Pekerja dan Kesihatan (ISC W)	21.11.2011	Ir. Noor Hisham bin Yahaya	METD
132	SIRIM Berhad	Notis Mesyuarat (2/2011) Jawatankuasa Standard Perindustrian Bagi Plastik dan Barangan Plastik (ISC J)	12/13/2011	Ir. Lai Ah Ying	METD



NO	ORGANISATION	NAME OF MEETING	MEETING DATES AND ATTENDANCE	REPRESENTATIVES	MONITORING COMMITTEE
133	SIRIM Berhad	Notis Mesyuarat 5/2011 - Jawatankuasa Teknikal Bagi Bricks and Blocks	25.11.2011	Ir. Teoh Teik Seng	CSETD
134	SIRIM Berhad	Notis Mesyuarat Jawatankuasa Standard Perindustrian bagi Kejuruteraan Mekanikal (ISC F)	23.11.2011	Ir. Luk Chau Beng	METD
135	SIRIM Berhad	Standard Committee on Quality Management and Quality Assurance (ISC Y)	18.10.2011	Ir. Hussein bin Rahmat	Excomm
136	SIRIM Berhad	TC on Aluminium - TC/D/5	25.8.2011	Ir. Lum Peng Fatt	CSETD
137	SIRIM Berhad	TC on Bricks and Blocks	8.7.2011	Ir. Teoh Teik Seng	CSETD
138	SIRIM Berhad	TC on Building Design and Construction	28.1.2011	Ir. David Ng Shiun Yuen	CSETD
139	SIRIM Berhad	TC on Clean Agent Fire Extinguishing Systems	10.8.2011 31.10.2011	Dato' Ir. Muhammad Imran bin Baharuddin	PPC
140	SIRIM Berhad	TC on Concrete and Concrete Products	21.1.2011 17.2.2011 24.3.2011 27.4.2011 27.5.2011 7.7.2011 27.10.2011	Ir. Hooi Wing Chuen Ir. Boone Lim (alt)	CSETD
141	SIRIM Berhad	TC on Dry Fire Protection System	23.6.2011	Ir. Thin Choon Chai	PPC
142	SIRIM Berhad	TC on Energy Management (TC/E/10)	3.5.2011	Ir. Santha Kumran a/l Erusan @ Krishnan Ir. Khew Swee Lian (alt)	ENETD
143	SIRIM Berhad	TC on Equipment for Explosive Atmospheres	14.7.2011	Ir. Ali Askar bin Sher Mohamad Ir. Faridon bin Talib (alt)	EETD
144	SIRIM Berhad	TC on Ergonomics	7.3.2011 9.3.2011 28.9.2011	Ir. Foong Choy Chyew Ir. Lim Beng Hian (alt)	METD
145	SIRIM Berhad	TC on Fasteners and Screw Threads	28.1.2011 12.8.2011 21.9.2011 5.10.2011	Ir. Lai Ah Ying	METD
146	SIRIM Berhad	TC on Geotechnical Works	18.1.2011 22.2.2011 12.7.2011 3.8.2011 25.8.2011 14.9.2011	Ir. Mun Kwai Peng Ir. Yee Yew Weng (alt)	GETD
147	SIRIM Berhad	TC on High Voltage Power Transmission	13.4.2011 27.7.2011	Ir. Goon Kid Seng Ir. Mah Soo (alt)	EETD
148	SIRIM Berhad	TC on Low Voltage Transformer and Storage of Electrical Energy	20.6.2011	Ir. Mac Yew Teik Kuan	EETD
149	SIRIM Berhad	TC on Passive Fire Protection System	20.10.2011	Ir. Yim Hon Wa	Excomm
150	SIRIM Berhad	TC on Plastics Pipes and Fittings	25.8.2011	Ir. Ahmad Nordeen bin Hj. Mohd. Salleh	Excomm
151	SIRIM Berhad	TC on Renewable Energies	25.5.2011	Ir. Kok Yen Kwan Ir. Mah Soo (alt)	EETD



NO	ORGANISATION	NAME OF MEETING	MEETING DATES AND ATTENDANCE	REPRESENTATIVES	MONITORING COMMITTEE
152	SIRIM Berhad	TC on Risk Management	27.1.2011	Ir. Luk Chau Beng	METD
153	SIRIM Berhad	TC on Rotating Machinery	13.4.2011	Ir. Mah Soo Ir. Mac Yew Teik Kuan (alt)	EETD
154	SIRIM Berhad	TC on Smoke Management	26.7.2011 15.12.2011	Datuk Ir. Prof. Dr Ow Chee Sheng	Excomm
155	SIRIM Berhad	TC on Software Engineering [TC/G/11]	22.3.2011	Ir. Aw Kong Koy	METD
156	SIRIM Berhad	TC on Statistical Methods (TC4) - TC/Y/4	15.6.2011	Ir. Mohd. Rashid bin Osman	Excomm
157	SIRIM Berhad	TC/G/11	22.3.2011	Ir. Aw Kong Koy	METD
158	SIRIM Berhad	Technical Committee on Fasteners and Screw Threads	16.6.2011	Ir. Lai Ah Ying	METD
159	SIRIM Berhad	Technical Committee on Low Voltage Transformer and Storage of Electrical Energy	11.2.2011	Ir. Mac Yew Teik Kuan	EETD
160	SIRIM Berhad	WG Accessibility for Disabled Persons	23.2.2011	Ir. Wong Choon Yoong	PPC
161	SIRIM Berhad	WG Air Conditioning	11.7.2011 15.8.2011	Ir. Soong Peng Soon	METD
162	SIRIM Berhad	WG Biogas	28.6.2011 21.7.2011 18.8.2011 28.9.2011 21.10.2011	Ir. Mohamad Fadzil bin Adnan @ Nan	HTETD
163	SIRIM Berhad	WG Clay Bricks	17.10.2011	Ir. Ng Kok Peng	Excomm
164	SIRIM Berhad	WG Cleaning Equipment for Air and Other Gases (WG/F/0-4)	16.5.2011	Ir. Den Low Han Guan	Excomm
165	SIRIM Berhad	WG - Concrete Interlocking Roofing Tiles	11.5.2011 15.6.2011 19.9.2011 18.11.2011 16.12.2011	Ir. Low Kaw Sai	CSETD
166	SIRIM Berhad	WG Connection of Distributed Generation to Distribution	15.7.2011	Ir. Mah Soo	EETD
167	SIRIM Berhad	WG Data Exchange on Architectural and Engineering	25.1.2011 7.7.2011 23.8.2011 4.10.2011	Ir. David Ng Shiu Yuen	CSETD
168	SIRIM Berhad	WG - Design Mosque	14.6.2011 20.7.2011 12.8.2011 25.10.2011	Ir. Prof. Dr Mohd. Zamin bin Jumaat	CSETD
169	SIRIM Berhad	WG Embedded Generation (RE) to LV Network	8.2.2011	Ir. Mah Soo	EETD
170	SIRIM Berhad	WG Energy Management Control System	16.8.2011	Ir. Soong Peng Soon	METD
171	SIRIM Berhad	WG HV Switchgear, Controlgear and Assemblies	9.2.2011 5.5.2011	Ir. Mah Soo Ir. Ali Askar bin Sher Mohamad (alt)	EETD
172	SIRIM Berhad	WG Lifts and Escalators	31.3.2011 4.4.2011 4.5.2011 9.6.2011	Ir. Dr Cheong Thiam Fook Ir. Hsiung Teck Pin (alt)	METD



NO	ORGANISATION	NAME OF MEETING	MEETING DATES AND ATTENDANCE	REPRESENTATIVES	MONITORING COMMITTEE
173	SIRIM Berhad	WG - Metal Equipment for Falsework and Propping	25.10.2011 18.11.2011	Ir. Prof. Dr Mohd. Zamin bin Jumaat	CSTD
174	SIRIM Berhad	WG - Parking	12.1.2011 5.5.2011	Ir. Tan Chioo Bin	Excomm
175	SIRIM Berhad	WG - Portable Fire Extinguisher	29.3.2011 26.7.2011	Ir. Cha Hoong Kum	PPC
176	SIRIM Berhad	WG - Protection Relay Devices	12.1.2011 17.2.2011	Ir. Chong Chew Fan Ir. Lim Kim Ten (alt)	EETD
177	SIRIM Berhad	WG - Road Lighting	28.4.2011	Ir. Francis Xavier Jacob	EETD
178	SIRIM Berhad	WG - Site Remediation (WG/Z/10-2)	24.2.2011	Ir. Choo Chee Ming	PPC
179	SIRIM Berhad	WG - Specification for Mortar for Mansory	6.5.2011 23.9.2011 27.10.2011	Ir. Hooi Wing Chuen Ir. Boone Lim (alt)	CSETD
180	SIRIM Berhad	WG - Speed Bump	29.7.2011 25.8.2011	Ir. Chin Wei Choong Ir. Somasuntharam a/l Chinniah Ir. Gunasagaran a/l Kristnan	HTETD
181	SIRIM Berhad	WG - Stationary Source Emissions	14.12.2011	Ir. Zaki bin Anhar	METD
182	SIRIM Berhad	WG - TC on Passive Fire Protection System	23.6.2011	Ir. Gary Lim Eng Hwa	BSTD
183	SIRIM Berhad	WG - Terjemahan Standard Malaysia bagi Pemasangan Elektrik Voltan - Rendah	23.6.2011	Ir. Ibrahim bin Abu Bakar	Excomm
184	SIRIM Berhad	WG - Work in Tunnelling	22.7.2011	Ir. Neo Boon Kheng	TUSTD
185	SIRIM Berhad	WG 1 - Code of Practice for Fire Safety (Section 3,4 and 6)	22.8.2011 30.9.2011	Ir. Gary Lim Eng Hwa Ir. Loo Chee Kin (alt)	Excomm
186	SIRIM Berhad	WG 3 - Code of Practice for Fire Safety (Section 1, 5 and 8 of BS 9999)	13.7.2011 20.7.2011 22.9.2011 23.11.2011 13.12.2011	Ir. Gary Lim Eng Hwa Ir. Loo Cheen Kin (alt)	Excomm
187	SIRIM Berhad	WG 9 - Revision of MS 30	5.1.2011	Ir. Boone Lim	CSETD
188	SIRIM Berhad	WG -Metal Equipment for Falsework & Propping	8.2.2011 9.3.2011	Ir. Prof. Dr Mohd. Zamin bin Jumaat	CSETD
189	SIRIM Berhad	WG on Amendment of MS 1314	1.12.2011	Ir. Hooi Wing Chuen Ir. Boone Lim (alt)	CSETD
190	SIRIM Berhad	WG on Overall Thermal Transfer Value (OTTV)	8.12.2011	Ir. Soong Peng Soon	METD
191	SIRIM Berhad	WG -Speed Bump	17.1.2011 16.3.2011 18.3.2011 31.3.2011	Ir. Gunasagaran a/l Kristnan Ir. Somasuntharam a/l Chinniah Ir. Chin Wei Choong	HTETD
192	SIRIM Berhad	WG3 - Code of Practice for Fire Safety (Section 1, 5 and 8)	3.8.2011 17.11.2011	Ir. Gary Lim Eng Hwa	BSTD
193	SIRIM Berhad	Working Group on Design Mosque	14.6.2011 20.7.2011 12.8.2011 25.10.2011 16.11.2011	Ir. Prof. Dr Mohd. Zamin bin Jumaat	CSETD



NO	ORGANISATION	NAME OF MEETING	MEETING DATES AND ATTENDANCE	REPRESENTATIVES	MONITORING COMMITTEE
194	SIRIM Berhad	Working Group on Lifts and Escalators	10.11.2011	Ir. Dr Cheong Thiam Fook	METD
195	SIRIM Berhad	Working Group on Site Remediation	26.1.2011	Ir. Choo Chee Ming Ir. Prof. Dr Zainab bt Mohamed (alt)	ENETD
196	SIRIM QAS International Sdn Bhd	Training on Benefit of Joining IEM and Route to MIEM/ Professional Engineer (Ir.)	13.5.2011	Ir. Dr Cheong Thiam Fook	METD
197	Standards Malaysia	Jawatankuasa Standard Perindustrian bagi Teknologi Maklumat, Komunikasi dan Multimedia (ISC G)	17.11.2011	Ir. Abdul Fattah bin Mohamed Yatim	ITSIG
198	Suruhanjaya Pengangkutan Awam Darat [LPTC]	Dialog: Cadangan Projek Kelang Valley MRT	14.1.2011	Ir. Gunasagaran a/l Kristnan	HTETD
199	Suruhanjaya Perkhidmatan Air Negara [SPAN]	Jawatankuasa Teknikal Sektor Pembentukan- Penyediaan Dokumen Teknikal Standard Malaysia	21.6.2011	Ir. Hooi Kam Seng	ENETD
200	Suruhanjaya Perkhidmatan Air Negara [SPAN]	Mesyuarat Bil (2/2011) Bersama Penggiat Industri	22.12.2011	Ir. Hooi Kam Seng	ENETD
201	Suruhanjaya Perkhidmatan Air Negara [SPAN]	Pembangunan Spesifikasi Span berkenaan dengan Produk Mild Steel Cement Lined Pipes and Specials	30.6.2011	Ir. Hooi Kam Seng	ENETD
202	Suruhanjaya Perkhidmatan Air Negara [SPAN]	Penyediaan Standard Malaysia : Manhole Tops Specifications for Sewerage Application	23.8.2011	Ir. Tu Yong Eng	CSTD
203	Suruhanjaya Perkhidmatan Air Negara [SPAN]	WG- Penyediaan Standard Malaysia for Produk "Small Sewage Treatment System (SSTS)"	9.6.2011 30.6.2011 14.7.2011	Ir. Hooi Kam Seng	ENETD
204	Suruhanjaya Perkhidmatan Air Negara [SPAN]	WG - Skim Pelabelan Cekap Air (Water Efficiency Product Labelling Scheme)	23.6.2011 22.8.2011	Ir. Elias bin Saidin	WRD
205	Suruhanjaya Tenaga	Majlis Perasmian Seminar Kesedaran Awam berkaitan Medan Elektromagnet (EMF)	27.1.2011	Ir. Faridon bin Talib	EETD
206	Suruhanjaya Tenaga	Panel Perundingan Tenaga	27.6.2011 21.11.2011	Ir. Mah Soo Ir. Faridon bin Talib (alt)	EETD
207	The Australian High Commissioner	Reception on the Occasion of Australia Day	26.1.2011	Ir. P.E. Chong	Excomm
208	The Electrical & Electronics Association of Malaysia [TEEAM]	Notice of MyCIE Meeting No. 5	15.11.2011	Ir. Lee Kok Chong	EETD
209	The Electrical & Electronics Association of Malaysia [TEEAM]	Proposed Power Factor Improvement	6.1.2011	Ir. Lim Kim Ten	EETD
210	The Electrical & Electronics Association of Malaysia [TEEAM]	Technical Committee on Electrical Installation, Protection and Insulation Practice (TC 10)	28.1.2011	Ir. Lim Kim Ten	EETD
211	The Institution of Fire Engineers (UK) Malaysia Branch	TC on Fire Properties of Building Materials (TCF)	16.2.2011 23.6.2011	Ir. Thin Choon Chai	PPC
212	The Kuala Lumpur Convection Centre	The Exclusive 2011 Client Recognition Evening	25.1.2011	Ir. Johan Alimin bin Samad	CETD
213	The University of Auckland Alumni	Alumni and Friends Reception	29.5.2011	Ir. Dr Ooi Teik Aun	PPC
214	UNESCO - IHP Malaysia	Jawatankuasa Kolokium Hari Air Sedunia 2011	21.1.2011	Ir. Assoc. Prof. Dr Marlinda binti Abdul Malik Ir. Chong Sun Fatt Ir. Wong Wai Sam	WRD
215	Universiti Malaya	Jemputan Menghadiri Mesyuarat Penasihat Industri Jabatan Kejuruteraan Awam	20.12.2011	Ir. Tu Yong Eng	CSTD



NO	ORGANISATION	NAME OF MEETING	MEETING DATES AND ATTENDANCE	REPRESENTATIVES	MONITORING COMMITTEE
216	Universiti Malaysia Pahang	Jemputan ke Mesyuarat Panel Penasihat Industri (IAP) Fakulti Kejuruteraan Awam dan Sumber Alam (FKASA)	23.2.2011 15.12.2011	Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah	Excomm
217	Universiti Malaysia Pahang	Sesi Temubual Bersama Panel Engineering Accreditation Council (EAC) untuk Pengiktirafan Program Sarjana Muda Kejuruteraan Awam	5.4.2011	Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah	Excomm
218	Universiti Teknologi Malaysia	Sesi Temubual Bersama Panel Engineering Accreditation Council (EAC)	19.4.2011	Ir. Noor Hisham bin Yahaya	Excomm
219	Universiti Tenaga Nasional	Industrial Advisory Panel (IAP): Department of Civil Engineering	27.4.2011	Ir. Li Thang Fai	Excomm
220	Universiti Tenaga Nasional	UNITEN Robogamez 2011	3.12.2011	Ir. Li Thang Fai	Excomm
221	Wisma Zelan Management Corporation	Management Corporation	31.3.2011	Ir. Choo Kok Beng	Excomm



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 (LLN) 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 (LLM) Untuk Projek Jambatan Pulau Pinang (For the Penang Bridge Project)
1993	Jabatan Pengairan dan Saliran Malaysia (JPS) Untuk Projek Pembangunan Pertanian Integrasi di Johor Barat (For the West Johore Intergrated Agricultural Development Project)
1993	Tenaga Nasional Berhad (TNB) 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 (JKR) 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 (KLIA) Atas Projek Lapangan Terbang Antarabangsa Kuala Lumpur di Sepang (For the Construction of the Kuala Lumpur International Airport, Sepang)



PAST RECIPIENTS

Year	Recipients and Projects
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)
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	MEI 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 (MMU) 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 Di Atas Rekabetuk, 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)

**PENGANUGERAHAN IEM KEATAS 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



PAST RECIPIENTS

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

**WORLD FEDERATION OF ENGINEERING ORGANISATION (WFEO) AWARD
HASSIB J SABBAGH AWARD FOR ENGINEERING CONSTRUCTION EXCELLENCE**

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

**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



PAST RECIPIENTS

Year	Recipients and Projects
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 Pehn, 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
2007	Multimedia University Malaysia (<i>Organiser - The Philippines Technological Council</i>) [PTC] On Its Role as the First Private University in Malaysia in Providing Quality Engineering Education - awarded in Cebu, Philippines
2007	Ir. Dr Gue See Sew (<i>Organiser - The Philippines Technological Council</i>) [PTC] For his contribution to ASEAN Engineers Register (AER) and ASEAN Federation of Engineering Organisation (AFEO) as well as in the Asia Pacific Economy Corporation (APEC)/Engineers Mobility Forum (EMF) - awarded in Cebu, Philippines
2008	T & T Konsult Sdn Bhd (<i>Organiser - The Engineering Institute of Thailand</i>) [EIC] On the Design, Construction and Operation of Bukit Tagar Sanitary Landfill Project - awarded in Bangkok, Thailand
2010	Ir. Choo Kok Beng (<i>Organiser - Vietnam Union of Science and Technological Associations</i>) [VUSTA] For his contribution to ASEAN Engineers Register (AER) and ASEAN Federation of Engineering Organisation (AFEO) - awarded in Hanoi, Vietnam
2011	Syarikat Mengurus Air Banjir & Terowong Sdn Bhd dan Jabatan Pengairan dan Saliran Atas Pembinaan & Rekabentuk Projek SMART (<i>Organiser - Pertubuhan Ukur, Jurutera dan Arkitek</i>) [PUJA] On the Construction and Design of SMART Tunnel Project - awarded in Bandar Seri Begawan, Brunei Darussalam



PAST RECIPIENTS

Year	Recipients and Projects
1991	Dato' Ir. Prof. Dr Chuah Hean Teik
1995	Ir. Prof. Dr Marzuki bin Khalid
2004	Ir. Koo Voot Chet - Industry award
2004	Ir. Dr Ramesh Singh - Academic award
2006	Engr. Dr Luqman Chuah bin Abdullah (Chuah Teong Guan) - Academic award
2006	Engr. Dr Goh Swee Por - Industry award
2008	Engr. Assoc. Prof Dr Law Chung Lim - Academic award
2009	Engr. Vigna Kumaran s/o Ramachandramurthy - Academic award
2009	Engr. Teh Tzyy Wooi - Industry award
2010	Ir. Assoc Prof. Dr Dominic Foo Chwan Yee - Academic award

**PENGANUGERAHAN KEJURUTERAAN WANITA IEM
IEM LADY ENGINEER AWARD**

PAST RECIPIENTS

Year	Recipients and Projects
2005	Datin Ir. Prof. Dr Siti Hamisah bte Tapsir
2006	Ir. Miss Ong Kik Hong
2007	Ir. Assoc Prof. Dr Siti Hawa bt. Hamzah
2009	Datuk Ir. Rosaline Ganendra

**PENGANUGERAHAN JURUTERA TAHUNAN
FEIAP ENGINEER OF THE YEAR AWARD**

PAST RECIPIENTS

Year	Recipients and Projects
2010	Ir. Dr Gue See Sew



**MINUTES OF 52ND ANNUAL GENERAL MEETING OF THE INSTITUTION OF ENGINEERS, MALAYSIA
HELD ON 16 APRIL 2011 AT TAN SRI IR. PROF. CHIN FUNG KEE AUDITORIUM,
WISMA IEM, PETALING JAYA AT 9.00 A.M.**

MEMBERS PRESENT – AS PER APPENDIX A

1.0 OPENING ADDRESS BY THE PRESIDENT

- 1.1 The President, Y.Bhg. Academician Dato' Ir. Prof. Dr Chuah Hean Teik welcomed members and called the 52nd Annual General Meeting to order at 9.00 a.m. Y.Bhg. Dato' President informed that the Annual General Meeting is also broadcasted via video conferencing to the Malakoff Auditorium at the Ground Floor and the C&S/TUSTD Lecture Room at the 2nd floor. The Secretariat staffs were stationed in each location to assist members during the AGM. Y.Bhg. Dato' President requested the members to provide their names and membership numbers during the Q&A session for recording.

Y.Bhg. Dato' President also informed members that the IEM web portal was completed and uploaded LIVE at the end of last year. Since then, there had been more than RM2 million hits per month. It was also noted that the portal name "myiem.org.my" was worth currently worth USD954. Y.Bhg. Dato' President further informed that MIDA had given IEM a grant of RM1 million for the upgrading and modernisation of IEM's IT Infrastructure which include the design and development of the IEM web portal. Y.Bhg. Dato' President hoped that more members would log in to make full use of the web portal for more information on IEM activities.

2.0 CONFIRMATION OF MINUTES OF 51ST ANNUAL GENERAL MEETING HELD ON 17 APRIL 2010

- 2.1 Y.Bhg. Dato' President then requested members to scrutinise the minutes from pages 43 to 50 of the Annual Report as well as the Bahasa Malaysia version which was on pages 54 to 62.

A note of appreciation was also extended to Ir. Dr Muhammad Fuad bin Abdullah for his assistance to translate the minutes in Bahasa Malaysia.

Ir. Tham Kum Weng (F01513) commented on item 5.6.4 informing that it was not properly recorded. He pointed out that his comments were that should the Honorary Internal Auditor have any comments or suggestions, it should be included in the Internal Auditor's report rather than raised at the AGM. Y.Bhg. Dato' President agreed that the amendments would be noted in the minutes.

Ir. Yee Thien Seng (M03177) pointed out that the numbering was not correct after item 4.14 on page 45. It should be 4.15, 4.15.1 and 4.15.2. He further commented that the wordings of the last sentence of the first paragraph of item 4.2.3 ".....with the former IEM President" should be either ".....with the former IEM Presidents or ".....with a former IEM President". Y.Bhg. Dato' President thanked Ir. Yee Thien Seng for his comments and informed that the correct wordings should be ".....with a former IEM President".

Ir. Soo Tian Tiong (M04575) informed that his name was not listed in the Attendance List (Appendix A – page 51 to 54) as he was present as the last Annual General Meeting.

Ir. Allen Cheong Loong Kwong (M11815) commented that his name was wrongly spelt. It should be Ir. Allen Cheong Loong Kwong and not Ir. Cheong Loon Kwong. Y.Bhg. Dato' President apologised for the error.

Ir. Wong Chee Fui (M20903) pointed out that his title should be "Ir." in the attendance list and not "Engr."

Ir. Yap Soon Hoe (F04086) proposed that the minutes of the 51st Annual General Meeting held on 17 April 2010 be confirmed. The motion was seconded by Ir. Jayaseelan a/l Nadarajah (M14445) and was unanimously adopted by members present.

3.0 MATTERS ARISING

- 3.1 Y.Bhg. Dato' President then briefed the members on the following matters that were outstanding from the last Annual General Meeting:

Page 50 - Item 4.2.4

The IEM had written to BEM on the title "Ir." without the fullstop and pointed out to them on the provision in the Registration of Engineers Act.

Ir. Soo Tian Tiong (M04575) queried on the legal implications when the Board had issued the certificates to the Professional Engineers wrongly without the "fullstop" and suggested that IEM should have its legal advisors study the issue and informs BEM accordingly. Y.Bhg. Dato' President informed that the BEM was aware of this issue and proposed that the IEM representatives to the BEM should raise the issue at the next Board meeting.

Page 51 – Item 5.4.1

The consolidation of Branch properties had been incorporated into the IEM accounts in the year 2010 as per the advice of the Accountants.



Page 53 – Item 11

Y.Bhg. Dato' President informed that at the last AGM, one of the members was appointed as the Honorary Internal Auditor. However, he was not officially informed of the appointment. The member had subsequently indicated his inability to serve. Hence, Council at their last meeting in March 2011, decided to appoint Ir. Prof. Dr Siti Hawa bt. Hamzah (F08457) as the second Honorary Internal Auditor and she had agreed to accept the appointment.

Ir. Tham Kum Weng (F01513) then informed that he was the Member who was not officially informed of the appointment as Internal Auditor at the last AGM and thanked Y.Bhg. Dato' President for raising this matter. He further informed that there was no provision for election of Internal Auditors in the IEM Constitution and Bylaws but in practise the Internal Auditors were elected at the AGM. He commented that the appointee should have been informed and consent obtained so that it would be seen as fair and transparent and he hoped that Council would take note of this and be wary of such issues. He added that IEM being one of the largest professional Institutions should uphold good practice.

3.2 Amendments to IEM Bylaws

The AGM was informed that ROS had approved the amendments to the Bylaws for Section 3.1, 3.18 – 3.20, 4.2, 4.8, 9.7 – 9.16, 9.19 – 9.21 and 9.27.

4.0 ANNUAL REPORT FOR SESSION 2010/2011

Y.Bhg. Dato' President then invited the Honorary Secretary, Ir. Prof. Dr Lee Teang Shui to present the 52nd Annual Report from pages 69 to 110.

4.1 Council and Excomm

Ir. Prof. Dr Lee Teang Shui (F03848) highlighted various activities and events organised last year. The AGM was informed that five (5) Council meetings were held in the session 2010/2011 to discuss policy matters and to make decisions on various issues affecting IEM and the engineering profession. The AGM was further informed that the Excomm held 13 meetings in session 2010/2011 to carry out or implement the decisions of Council or to look into the requests made by Council.

4.2 Wisma IEM

A special note of appreciation was conveyed to the Task Force on Fund Raising which comprised of the Chairman, Y.Bhg. Datuk Wira Ir. Md. Sidek bin Ahmad, Ir. Dr Gue See Sew, Y.Bhg. Dato' Ir. Dr Andy Seo Kian Hwa and Y.Bhg. Academician Datuk Ir. (Dr) Hj. Ahmad Zaidee bin Laidin for successfully obtaining contributions for the Building Fund. Amongst the contributors were Muhibbah Engineering, IJM Corporation, Sunway Group and Indah Water Konsortium.

4.3 Membership

A total of 5,379 candidates were approved for admission/election/transfer to the various grades. There had been a steady growth in the membership since 2008 and a note of appreciation was extended to the Standing Committee on Qualifications and Admissions for their relentless efforts in recruiting members. A total of 70 talks were conducted at various organisations as well as IHLs within the Klang Valley and also the IEM Branches.

The AGM noted the breakdown of membership in terms of Disciplines:

Civil	10,437
Mechanical	5,399
Electrical	3,496
Electronic	1,374
Chemical	1,220
Others	1,383

4.4 International Registers

34 applications were approved for the ASEAN Engineers Register (AER) whereas 53 were for International Engineers Registers (APEC/EMF). Another 34 were approved for ASEAN Engineers Register for Young Engineers (AERYE) rebranded as Associated ASEAN Engineers (AAE).

The AGM was informed that Y.Bhg. Dato' President would take over as Chairman of the Federation of Engineering Institutions of Asia and the Pacific (FEIAP) in October 2011.

4.5 IEM Publications

Twelve (12) issues of the Bulletin "JURUTERA" and four (4) Journals were published in 2010. The AGM was further informed that IEM would be applying for international journal status under Scopus indexing for the year 2012. As for the year 2011, IEM planned to go online with the local listing under the Malaysian Journal Online System (MJO).

4.6 IEM Web Portal (www.myiem.org.my)

The new IEM web portal was launched on 1 October 2010. The project was financed by using the SSCDF grant received from MIDA. The web portal would enable IEM members to perform a number of transactions such as updating their details as well as recording their CPD hours online and browsing for library books and reserving them.



4.7 IEM Library

The IEM library which has a collection of approximately 5448 books on various topics related to engineering was given a facelift in 2010.

The AGM was further informed that with the implementation of the IEM portal, members were also able to browse the availability of books as well as make reservations to borrow books online. Proposal was made to include a "Coffee Corner" for members in the library.

4.8 Improvements Made to Bangunan Ingenieur

Bangunan Ingenieur was refurbished with improvements made to the flooring, re-painting of the walls as well as the lightings. The AGM was also informed that there was a proposal to renovate the Penthouse to make it more conducive for the members. However, there was a need to look into the financial aspects of it.

4.9 IEM Annual Events and Activities 2010

The major activities held in 2010 were as follows:-

- (i) *The IEM Engineering Week 2010 with the theme "Engineering Mobility, Globalisation and Green Technology for a Sustainable Future" was held on 19 – 24 March 2010.*
- (ii) *5th Malaysian "Chem-E-Car" Competition was held on 22 July 2010.*
- (iii) *The IEM Family Day was held on 25 July 2010. A total of 504 members including their families attended the event.*
- (iv) *The IEM Golf Tournament 2010 was held on 29 July 2010 and a total of 97 members and guests participated in the event.*
- (v) *CAFEO28 was held in Hanoi with a 62 member delegation from Malaysia attended the conference.*

4.10 Presidential Award of Excellence

The winner for the 2010 Presidential Award of Excellence was the Mechanical Engineering Technical Division. The following were the Technical Divisions from 2nd to 6th placing as well as the Most Improved:-

2nd Place	Civil & Structural Engineering
3rd Place	Electrical Engineering
4th Place	Geotechnical Engineering
5th Place	Chemical Engineering
6th Place	Building Services
Most Improved	Project Management

4.11 Standards Writing

IEM had completed writing the EN1, EN2 and EN3 with the assistance of the Civil and Structural Engineering Technical Division. The AGM was further informed that the said Technical Division was currently working on EN7 and EN8. IEM is registered with SIRIM as a Standards Writing Organisation and had also been receiving financial support from the Department of Standards for the writing of these standards.

4.12 Job Gallery

Job seekers would be able to search for desired employment from the IEM web portal under the "Job Gallery" section for the latest job vacancies. The AGM was informed that there was also a project to match-make the IEM members looking for jobs with potential employers.

4.13 IEM Family Day 2010

The IEM Family Day 2010 was held on 25 July 2010 at Taman Jaya Lake Gardens and approximately 475 members and their families attended the event. Amongst the activities that took place at the event was the prize giving presentation which included cash and certificates to 55 SPM and 6 STPM holders for their outstanding performances in the said examinations.

4.14 Community Projects

The Standing Committee on Welfare and Service Matters carried out Community Services Responsibility Projects especially on Rain Harvesting System (SPAH) at the various venues:-

- *Kg. Baru Sg. Penjuring*
- *Bentong Community Hall*
- *Kg. Baru Jementah*
- *Segamat Old Folks Home*
- *Kg. Baru Plentong*
- *Johor Baharu Community Hall*
- *Damansara Jaya Community Centre*



4.15 IEM Crest and Car Badge

The IEM Crest is now a registered trademark with MyIPO together with the name The Institution of Engineers, Malaysia. The AGM was also informed that the IEM Car Badge was on sale and members who were interested could purchase it from the IEM Secretariat.

4.16 International Affiliation

IEM continued to serve as Secretariat of ASEAN Federation of Engineering Organisation (AFEO). The AGM was informed that Y.Bhg. Dato' Paduka Ir. Hj. Keizrul bin Abdullah was appointed as Secretary General of AFEO and Ir. Choo Kok Beng was appointed as Head Commissioner of the ASEAN Engineers Register.

It was further noted that Ir. Yim Hon Wa took over the post of Country Registrar for Malaysia in 2010.

4.17 IEM Business Club

The IEM Business Club was formed to explore business prospects for IEM Members within Malaysia and in neighbouring economies with the focus on doing business in the engineering sector and to build up business networking in those countries. The IEM Business Club also planned to organise trade visits and hold business dialogues with potential foreign business partners at overseas conferences, meetings and symposiums.

4.18 Visitors

The AGM noted that IEM played host to the following organisations in 2010:-

- Royal Institution of Surveyors, Malaysia
- IChemE, UK
- Engineers Australia
- Board of Engineers, Cambodia
- Malaysian Institute of Chartered Secretaries and Administrators (MAICSA)

4.19 Upcoming Events

The AGM was informed of the following upcoming events for the year:

- IEM 52nd Annual Dinner and Awards Night, Marriott Hotel, Putrajaya on the day of this AGM
- Brownfield Asia 2011 – International Conference on Remediation Management of Contaminated Land from 11 – 14 July 2011
- IEM Family Day 2011
- IEM – IET Engineering Conference “Sustainable Solutions for Energy Utilization” from 10 – 12 October 2011

Y.Bhg. Dato' President thanked Ir. Prof. Dr Lee Teang Shui for his presentation on the Annual Report.

He further informed the AGM that Muhibbah Engineering contributed RM50,000, IJM Corporation RM50,000 and Tenaga Nasional Berhad had agreed to contribute RM100,000 to the IEM Building Fund. Y.Bhg. Dato' President also thanked the entire Task Force on Fund Raising for their effort in getting donations from these organisations. In addition, Y.Bhg. Dato' President also extended his appreciation to the Deputy Minister of Finance, YB Datuk Ir. Donald Lim Siang Chai (M05380) who was previously a member of the Task Force for helping IEM in the donation drive and also thanked Y.Bhg. Academician Dato' Ir. Lee Yee Cheong (D.Hon.F00220) for his assistance in getting the contribution from TNB.

Y.Bhg. Dato' President then invited the members for comments or questions.

4.20 Question Session - Annual Report

4.20.1 Ir. C.M. Mohamed Aboobucker (M13942) commented that on page 69, the total number of members for the last five years had increased from 15,000 to 23,000. He anticipated that the number would probably increase by another 8,000 in five (5) years time. However, he pointed out that items 2.4 and 2.5 of page 71 had indicated that only two (2) students had been reinstated out of a total of 7171 student members who had been in arrears of their subscriptions. He felt that such a large number of Student Members defaulting in payment of their annual subscription seemed to indicate that a loss of membership in the future generation.

He felt that the annual subscription fees would not be the problem as the Student Members below 24 years old were only required to pay RM20 per year. He also raised the question on how IEM could woo these people to continue to be members of the IEM as these members would be future engineers who would then serve the nation. He felt that the IEM had to mould these members to become good engineers in the future and that was IEM's prime duty.

He further commented that the IEM should not be proud that the membership had increased from 15,000 to 23,000 but had lost a total of 7,169 members. He wanted the IEM Council to explain what actions had been taken to address this issue.

Ir. C.M. Mohamed Aboobucker (M13942) also commented on the IEM crest. He queried on the rationale of keeping the slide-rule in the crest when it is now the 20th century and the slide-rule was not longer in use. He felt that it might be worth studying to change the crest.



He further pointed out the frequent mistakes made on the following:

- i. *"The Institution of Engineers, Malaysia" mistakenly stated as "The Institute of" or "Institution of.....".*
- ii. *"Ir. Aboobucker" should be read as "Ingenieur Aboobucker" and not "I" "R" "Aboobucker".*

Y.Bhg. Dato' President explained that as far as student membership was concerned, some of them could not be contacted and it could be due to a change of address. The AGM was informed that most of the students wrote their temporary addresses on the application forms when they applied for student membership. IEM had difficulty communicating with them in view that they had not updated their contact information with IEM.

Nevertheless, having taken cognisance of this possibility, IEM had come up with a new scheme where the students may opt to pay a one-time membership fee of RM50 for the whole duration of their degree programme. In addition, many Institutions of Higher Learning had been encouraged to form Student Sections. It is hoped that with better interaction via these Student Sections, IEM would be able to sustain the Student Memberships and thereafter encourage them to transfer over to Graduate Membership.

Y.Bhg. Dato' President also informed that some of the IEM Branches were also assisting the respective IHLs within their region to ensure that the students are part of the IEM especially on joint activities organised by both the IEM Branches and the IEM Student Sections.

With regard to the IEM crest, Y.Bhg. Dato' President explained although this was the 21st century, it is hoped that the value and fundamentals of engineering could be kept intact. Hence, the Council had decided not to change the IEM crest despite many competitions held to modify the IEM crest.

Y.Bhg. Academician Dato' Ir. Lee Yee Cheong (D.Hon.F00220) pointed out that the Institution of Civil Engineer, UK being a body for more than 200 years old had also retained their crest. Nevertheless, he agreed that it was time for IEM to possibly look at having a logo for the Institution. It was agreed that the matter would be discussed at the next Council meeting.

- 4.20.2 Ir. Yap Soon Hoe (F04086) reiterated his question posed at the last AGM on the IEM Building Fund requesting for an update on the current status. He commented that in the March 2011 Bulletin, the funds received was approximately RM1.9 million but there was an outstanding loan sum of RM11 million. He proposed that IEM approach the Government for funding to settle the outstanding loan. He also suggested that there should be a delegation from IEM to meet the Prime Minister to request for funding. He further commented that IEM was currently able to service the loan as there was a tenant but queried on the effect should there be an economic crisis. He suggested that IEM call an Extraordinary General Meeting to get the 20,000 members of which 10,000 were Corporate Members to contribute RM200 each as a one-off payment to enable IEM to settle the loan.

Y.Bhg. Dato' President informed that the matter would be covered in the Honorary Treasurer's report. Y.Bhg. Dato' President further explained that the Task Force on Fund Raising had tried to get tax exemption on the Building Fund but had been informed that it was not possible. Nevertheless, it was noted that the Task Force was also trying to invite the Prime Minister as "Patron" of IEM. In addition, Y.Bhg. Dato' President also mentioned that YB Datuk Ir. Donald Lim Siang Chai (M05380) had been very supportive hoping to get as many as 200 organisations to donate RM10,000 each to the IEM Building Fund.

- 4.20.3 Ir. Jagathisan s/o Siva Perumal (M05107) pointed out that there were so many Technical Divisions and the top three (3) Technical Divisions were Mechanical, Electrical or Civil. He proposed that the Technical Divisions should amalgamate especially the ones that were overlapping to be more productive and would also create income to the IEM as well.

Y.Bhg. Dato' President mentioned that there were provisions in the Rules and Regulations for the non-active Technical Divisions to amalgamate.

- 4.20.4 Ir. Yee Thien Seng (03177) raised the question of whether the IEM Golf Tournament was a revenue generating or incurring expenses event. Dato' President informed that the IEM Golf Tournament was a profit making event and the profit had been transferred into the IEM Building Fund.
- 4.20.5 Ir. Yap Soon Hoe (F04086) referred to his earlier query on the steps that IEM would be taking to ensure the loan can be serviced even if there is no tenant. He reiterated that IEM should not depend on one person to help in getting the donations.

Y.Bhg. Dato' President pointed out that his earlier reply was merely an example and that there were other means to contribute towards the IEM Building Fund and he felt that the issue should be discussed under the item "Other Matters". He added that the matter would be referred to Council for further deliberation and to weigh the pros and cons of Ir. Yap's suggestion.

- 4.20.6 Ir. Tham Kum Weng (F01513) congratulated the Council for implementing the one-time student membership fee of RM50. He however pointed out that the total student members stated as 7171 in item 2.4 of page 71 did not tally with the figure 6489 on page 69.

Y.Bhg. Dato' President explained that the active number of student members was 6489 and the figure of 7171 included deleted members.

Ir. Tham Kum Weng (F01513) then commented that the statement in item 2.4 was misleading especially on the wordings *"The Council would have to look into deleting....."* and suggested that the statement be made more specific. He also commented that the AGM should go through the report page by page. He further commented that matters not mentioned in the Honorary Secretary's report should be under the item "Any Other Business". Y.Bhg. Dato' President assured him that relevant amendments would be made accordingly.



- 4.20.7 Engr. Shuhairy bin Norhisham, Grad. IEM (G32614) referring to item 8.3 enquired whether the Young Engineers Section (YES) could be included in the Presidential Award of Excellence (PAOE).

Y.Bhg. Dato' President informed that he would request Council to look into allowing the YES to participate in the PAOE.

- 4.20.8 Ir. Lau Win Sang (M04323) pointed out that Student Members would not remain permanently as Student Members as they would upgrade themselves to Graduate Members upon graduation. He therefore felt that the 7,000odd Student Members were not a total loss to IEM as they may have graduated and transferred to Graduate Members.

Y.Bhg. Dato' President informed that IEM had been trying to encourage the students to participate in the IEM activities and various steps had been taken such as by increasing the allocation of funds from the Education Fund for the IEM Student Sections.

- 4.20.9 Engr. Lee Cheng Pay, Grad. IEM (G33663) informed the AGM that YES had been supporting the IEM Family Day as most of the Committee members were from YES. He further commented that BEM and other professional societies were using modern means of communications to promote their activities such as Facebook or Twitter whereas the IEM had not used such channels of communications. He suggested that the IEM should use Facebook as a way to promote the IEM to the younger engineers

Y.Bhg. Dato' President extended his appreciation to YES as they had been doing a lot for the IEM during the past 2 sessions. The AGM was informed that YES had been active not only in Malaysia but also in YEAFEO and also the ASEAN Associate Engineer (AAE) register. He commented that it was good to have active Young Engineers who would be able to promote the IEM.

Y.Bhg. Dato' President agreed that the Standing Committee on Qualifications and Admissions (Q&A) and the Membership Drive Committee would be requested to look into using the Facebook as a means of communicating with the younger members.

- 4.20.10 Ir. Lee Boon Chong (F08092) pointed out that the composition of members in the "Position Paper on Relevancy of Project Management Consultancy" on page 27 was wrong.

Y.Bhg. Dato' President indicated that Secretariat would be requested to make amendments accordingly.

- 4.20.11 Ir. Dr Cheong Thiam Fook (F06100) commented that there seemed to be an error on page where the word should be "The **objectives** of The Institution..." and not "The **objects** of The Institution.....".

Secondly, he felt that the incoming Council or Excomm members should seriously look into positioning IEM to achieving the Vision 2020 as stated under "IEM Vision" on page 3. He further commented that the percentage of the engineering population who were IEM members was considered small compared to other professions. He also urged members to participate more actively in the IEM activities. With regard to the IEM membership, he informed that the Membership Drive Committee had been working hard in retaining the student membership population. Unfortunately, he informed that the one-time student membership fee that was proposed in 2009 was only recently approved. He also pointed out that the membership had actually reached to 27,000 up to 31 March 2011 compared to 21,000 stated in the Annual Report which was recorded as at 31 December 2010. Ir. Dr Cheong Thiam Fook then thanked the Council for approving the one-time student membership fee although he had taken one and a half years to be approved.

Y.Bhg. Dato' President explained that the amendments had to be approved by the Registrar of Societies (ROS) which was the reason behind the delay.

As there were no further comments or questions from the floor, Ir. Lau Win Sang (M04323) proposed that the Annual Report be adopted. The motion was seconded by Ir. Mohd. Aman bin Hj. Idris (F02176) and thereafter accepted by the AGM.

5.0 ACCOUNTS FOR THE YEAR ENDED 31 DECEMBER 2010

- 5.1 The President then invited the Honorary Treasurer, Ir. Prof. Dr Jeffrey Chiang Choong Luin (M20286) to present the financial statements for The Institution of Engineers, Malaysia for the period 1 January 2010 to 31 December 2010.

- 5.2 Ir. Prof. Dr Jeffrey Chiang Choong Luin (M20286) reported that there was a change in the format of the Financial Statement. He informed the AGM that on the request of the external Auditors, KPMG, the IEM had to consolidate its account with the IEM Training Centre Sdn Bhd under the Private Entity Reporting System (PERS). He further explained that there were four (4) columns in the Financial Statements whereby the word "Institution" represented IEM's performance whereas the word "Group" represented the consolidated performance of IEM and IEM Training Centre Sdn Bhd.

Ir. Prof. Dr Jeffrey Chiang Choong Luin (M20286) then continued to report that IEM's overall income for the year 2010 was RM4,749,864 which showed an increase of RM570,369 compared to 2009. The main contributors were the annual subscription recording an increase of 7% (RM2,632,486) and the income from the Technical Divisions recording an increase of 290% (RM435,987). The other contributors to the income were:-

Rental of Wisma IEM	RM1,234,171
Dividend from IEM Training Centre	RM 100,000



- 5.3 The AGM was further informed that the annual subscription still make up a big portion of the overall income i.e 55% for the year 2010. The percentage was less compared to 2009 which was 60%. IEM was slowly becoming less dependent on annual subscriptions which used to make up approximately 70% of the total income. It was further noted that the membership reinstatement had a marked increase of 490% (RM16,730) whereas credit card commission had increased by 13% (RM13,972).

It was reported that IEM Training Centre Sdn Bhd had pledged to declare a dividend of RM100,000 to IEM for the next two (2) years; 2011 and 2012. In addition, there was a surplus of RM317,029 from the Institutional Services (Net Income by various Committees and Technical Divisions) compared to a deficit of RM115,496 for the year 2009.

- 5.4 The AGM also noted that IEM Training Centre Sdn Bhd recorded a net profit before tax of RM658,638. The AGM further noted the breakdown as follows:-

<i>Operating Income</i>	<i>RM2,245,925</i>
<i>Operating Expenses</i>	<i>RM1,280,601</i>
<i>Gross Profit</i>	<i>RM 965,324</i>
<i>Administrative Expenses</i>	<i>RM 306,686</i>
<i>Net Profit before Tax</i>	<i>RM 658,638</i>

- 5.5 The Honorary Treasurer continued to report that the total expenses for 2010 was RM4,270,158 which showed an increase of RM98,313 compared to the year 2009. It was noted that the major expenses were Personnel Emoluments which took up 39% of total expenses while 18% was on Administrative Expenses.

- 5.6 Ir. Prof. Dr Jeffrey Chiang Choong Luin (M20286) further reported that the overall performance for 2010 was a net surplus of RM479,706 as compared to a net deficit of RM66,492 in 2009.

- 5.7 The AGM was also informed that expenses related to building repairs and upgrading was for renovation of the IEM building especially on the upgrading and refurbishment of the IEM library as well as Wisma IEM. The AGM then joined the Honorary Treasurer in extending a note of appreciation to Ir. Allen Cheong Loong Kwong (M11815) for his contribution of RM20,000 towards the refurbishment of the IEM library.

- 5.8 The AGM then noted that the IEM Branches namely Negeri Sembilan and Perak had purchased their own buildings for RM288,000 and RM280,000 respectively.

- 5.9 IEM managed to raise a total of RM371,911 for the Building Fund in the year 2010. The major contributors were:-

Madam Khoo Lay Kee (<i>wife of the late Ir. Wong Kin Hong, IEM Past President</i>)	RM100,000
IEM Evening Talks	RM 48,200
Private Companies	RM 21,000
IEM Members	RM148,711

A note of appreciation was also extended to all the contributors as well as Y.Bhg. Academician Dato' Ir. Lee Yee Chong (D.Hon. F00220) and YB Dato' Ir. Donald Lim Siang Chai (M05380) for their contributions and assistance.

- 5.10 The AGM noted that the installation of a lift for Wisma IEM as well as upgrading works and modernising the lift at Bangunan Ingenieur would be carried out soon. A note of appreciation was extended to Ir. Dr Ooi Teik Aun, Ir. Teh Piaw Ngi and YBhg. Dato' Ir. Andy Seo Kian Haw for contributing their time and expertise for the design, tendering and negotiation process of the installation of the new lift and the upgrading works for the old lift.

Y.Bhg. Dato' President then proceeded to invite questions from the floor.

5.11 Question Session - Accounts

- 5.11.1 Ir. Yap Soon Hoe (F04086) commented on the rental income of 26% from Wisma IEM should not be combined in the report. Moreover, the IEM had been servicing the interest loan of 15%. Hence, it was suggested that the two items be separated to provide a clearer picture of Wisma IEM's financial status. He also referred to his question last year with regard to benchmarking the staff emoluments against other institutions as mentioned in the minutes of the last AGM.

Ir. Prof. Dr Jeffrey Chiang Choong Luin (M20286) informed that a survey was conducted in 2009 on the staff emoluments with other various professional bodies such as the BAR Council and Malaysian Institute of Accountants (MIA). It was noted that the staff emoluments for the BAR Council was 61% whereas the MIA was 41% of total expenses. Ir. Prof. Dr Jeffrey Chiang Choong Luin further informed that from the study, IEM's staff emoluments of 39% was still acceptable.

Ir. Yap Soon Hoe further queried whether this reflected the BAR Councils members in general as IEM members were more compared to BAR Council. Ir. Prof. Dr Jeffrey Chiang Choong Luin then continued to explain that the staff-member ratio of the various bodies; BAR Council was 1:480, MIA was 1:320 and the IEM was 1:456. Hence, in terms of staff serving the members, the IEM was comparative against the rest.

- 5.11.2 Ir. Tham Kum Weng (F01513) pointed out that the total income of RM4.7 million stated in the Honorary Treasurer's report was not reflected in the pie charts on pages 145 and 146. He further commented that the presentation was confusing as the pie chart for 2010 income was at the top of the page whereas the chart on the expenses for 2010 was at the bottom of the next page. He suggested that in future, the pie charts should be on two opposing pages to show a clearer picture on the income and expenditure of the IEM for the respective years. Nevertheless, he also congratulated the IEM Training Centre for generating good revenue for last year.



Y.Bhg. Dato' President then explained that the figure RM4.7 million was a combination of the total income of RM4,432,835 (Subscription and other incomes) shown on page 128 with the Surplus/Deficit from the Institutional Services of RM317,029 which totalled up to RM4,749,864.

- 5.11.3 Ir. Awangku Hidup bin Awangku Hosain (M03053) commented that the income generated for last year was better than the previous year. He suggested that IEM should be organising more joint venture activities such as seminars and conferences with bigger organisations in 2011. He cited examples of large organisations such as Telekom, Intel and the oil and gas industries of which the Technical Divisions could co-organise activities with.
- 5.11.4 Y.Bhg. Academician Dato' Ir. Lee Yee Chong (D.Hon. F00220) Y.Bhg. Academician Dato' Ir. Lee Yee Chong (D.Hon. F00220) enquired on the outstanding balance of the loan for the Wisma IEM. Y.Bhg. Dato' President informed that IEM took a loan of RM12.15 million from the bank and the current outstanding balance was approximately RM8.6 million.

As there were no further questions from members, Ir. C.M. Mohamed Aboobucker (M13942) proposed the adoption of the Statements of Accounts for IEM for the year ended 31 December 2010. The motion was seconded by Ir. Gunasagaran a/l Kristnan (M08612). The AGM then adopted the Financial Statements.

Y.Bhg. Dato' President then proceeded to invite Ir. Prof. Dr Jeffrey Chiang Choong Luin to present the Education Fund Accounts from pages 147 to 153.

5.12 Education Fund Accounts for the year ended 31 December 2010

- 5.12.1 Ir. Prof. Dr Jeffrey Chiang Choong Luin reported that donations received for 2010 was RM54,210 as compared to RM45,429 in 2009. The interest earned for the Fixed Deposit (FD) was RM20,062 compared to RM32,459 in 2009 as there was a drop in the interest rates.

The AGM was further informed that total sponsorship paid out for the year 2010 was RM43,384 compared to RM102,255 in 2009. This was due to the RM64,000 sponsorship for the International Conference of Engineering Education (ICEE) that was held in Kuching, Sarawak in 2009.

Scholarship payouts were maintained for the following recipients:-

Malaysian Association for the Blind	RM6,000
Erni Syuhuda (UTM)	RM4,500
Mohd. Khairul (UiTM)	RM4,500
Mohd. Hafiszan (UiTM)	RM4,500
Tan Yong Woi (UPM)	RM4,500
Tang Han Seng (UM)	RM4,500

The overall performance was a deficit of RM25,730 which was consistent with the Inland Revenue Board's spending rule where there was need to spend at least 50% of the donation received in the previous year to satisfy the requirement of the Education Fund's tax exemption status. The Honorary Treasurer explained that the Education Fund should be showing a deficit so as to comply with the IRB.

- 5.12.2 Ir. C. M. Mohamed Aboobucker (M13942) queried on the Auditor's fee of RM2000 which he felt was very high for a Statement comprising of only a few pages (for the Education Fund Accounts) and enquired on the auditors' fee being paid for the main IEM accounts.

Ir. Prof. Dr Jeffrey Chiang Choong Luin explained that the Auditor's fee for the main IEM Accounts for 2010 was RM24,000. Y.Bhg. Dato' President explained that it was reasonable market rate professional fees.

As there were no further questions, Ir. Yam Teong Sian (F05613) proposed that the Education Fund accounts be adopted. The motion was seconded by Ir. Runny Poh (M09702). The AGM unanimously adopted the accounts as presented.

6.0 ANY OTHER BUSINESS (AOB)

Y.Bhg. Dato' President invited the AGM to raise any issues since there was no official letters submitting items for discussion under this item.

6.1 Student Membership

Ir. Allen Cheong Loong Kwong (M11815) queried whether Student Members were given the Jurutera magazines. Y.Bhg. Dato' President informed that the cost was rather high and as such Council decided to send the magazines to the IEM Student Sections of the university instead.

The AGM was also informed that UTM had provided a building for the IEM Southern Branch Secretariat for (5) years. It was hoped that this would encourage more students and also the staff of the university to be involved in the IEM activities. It was also noted that this was also one way of promoting the IEM so as to retain the student membership.

Ir. Allen Cheong Loong Kwong (M11815) also queried that there were awards for the SPM and STPM to the outstanding students but none for the PMR and UPSR. Y.Bhg. Dato' President explained that the Education Fund was limited. However, he agreed that the IEM Education Fund could look into this matter. Moreover, there was a need to look into the affordability of providing the funds as once it has been implemented, it would be an on-going process.



Ir. Allen Cheong Loong Kwong further queried on why the awards were not reflected in the Education Fund. Y.Bhg. Dato' President further clarified that the funds would be from the main Accounts under the Standing Committee on Welfare and Service Matters and not the Education Fund as the Education Fund was for the universities.

Ir. C. M. Mohamed Aboobucker (M13942) queried on Section 4.2 of the IEM Constitution and Bylaws on page 9 and 10 on the Annual Subscriptions for the different categories of membership grades. He suggested that the Council should consider reducing the annual subscription fees for the retirees and also members above 60 years old to RM60. Y.Bhg. Dato' President then read out Section 4.7 on page 10 of the IEM Bylaws on the "Payment of Annual Subscription" where members above the age of 65 and had been paying annual subscriptions for 25 years would be exempted from paying annual subscriptions. He also added that the Benevolent Fund was available to assist members where they need not pay the full amount of the annual subscription fees via the Jurutera Wargamas Scheme.

7.0 ANNOUNCEMENT OF THE ELECTION RESULTS FOR COUNCIL 2011/2012 SESSION

Y.Bhg. Dato' President proceeded to invite the Election Officer, Y.Bhg. Dato' Ir. Pang Leong Hoon to announce the results of the election for the 2011/2012 session.

Y.Bhg. Dato' Ir. Pang Leong Hoon informed the AGM that in accordance with Section 5.2 of the IEM Bylaws, the Deputy President, Ir. Vincent Chen Kim Kieong assumed the office of President for session 2011/2012 upon the completion of the term of office of the incumbent President, Y.Bhg. Academician Dato' Ir. Prof. Dr Chuah Hean Teik.

7.1 Deputy President

Three (3) nominations were received and out of a total of 47 valid ballots cast, Ir. Choo Kok Beng received the highest votes and thus was elected as the Deputy President for session 2011/2012. This was in accordance with Section 5.3 of the IEM Bylaws.

7.2 Vice President (4 vacancies for 2 sessions 2011/2012 and 2012/2013)

The AGM was informed that over 8,967 ballot papers were sent out to the Corporate Members for the other vacant positions on 1 March 2011. Out of the total, only 1,636 ballots were received. The four (4) successful candidates for the post of Vice Presidents were: -

1. Ir. P.E. Chong
2. Y.Bhg. Dato' Ir. Lim Chow Hock
3. Ir. Prof. Dr Wan Mahmood bin Wan Abdul Majid
4. Ir. Yim Hon Wa

7.3 Honorary Secretary (1 vacancy for session 2011/2012)

There were two (2) candidates and the successful candidate was Ir. Prof. Dr Lee Teang Shui.

7.4 Honorary Treasurer (1 vacancy for session 2011/2012)

There were no candidates for this position. Hence, the Council nominated Ir. Prof. Dr Jeffrey Chiang Choong Luin returned unopposed as Hon. Treasurer for one session.

7.5 Council Member – Civil Representative (1 vacancy for sessions 2011/2012, 2012/2013 and 2013/2014)

Y.Bhg. Dato' Ir. Pang Leong Hoon informed the AGM that there was no nomination for this post. Council had therefore elected Ir. Gunasagaran Kristnan to fill in the above said office of Council Member – representative of Civil Discipline.

7.6 Council Member – Electrical Representative (1 vacancy for sessions 2011/2012, 2012/2013 and 2013/2014)

Two (2) nominations were received and Ir. Mohd. Aman bin Hj. Idris who obtained the highest votes was duly elected to the office of Council Member – representative of Electrical Discipline.

7.7 Council Member – Mechanical Representative (1 vacancy for sessions 2011/2012, 2012/2013 and 2013/2014)

Two (2) nominations were also received for the above vacancy and the successful candidate, Y.Bhg. Dato' Ir. Ismail bin Samion was elected to the office of Council Member – representative of Mechanical Discipline.

7.8 Council Member – Structural Representative (1 vacancy for sessions 2011/2012, 2012/2013 and 2013/2014)

There were no nominations for the above position. Hence, Council elected Ir. Yam Teong Sian as the Structural Representative.

7.9 Council Member – Multimedia Representative (1 vacancy for sessions 2011/2012, 2012/2013 and 2013/2014)

There were also no nominations for the above position. The AGM noted that Council had therefore elected Ir. Noor Iziddin Abdullah bin Mohd. Ghazali as the Multimedia Representative.



7.10 Council Members – Ordinary Representatives (6 vacancies for 3 sessions 2011/2012, 2012/2013 and 2013/2014)

Y.Bhg. Dato' Ir. Pang Leong Hoon proceeded to report that 15 nominations were received for the six (6) vacancies. The following six (6) candidates with the highest votes had therefore been duly elected to the office of Council Member - Ordinary Representative for three (3) sessions 2011/2012, 2012/2013 and 2013/2014.

1. Ir. Dr Tan Kuang Leong
2. Ir. June Lau Yuk Ma
3. Ir. Dr Norlida bt. Buniyamin
4. Ir. Ishak bin Abdul Rahman
5. Ir. Hoo Choon Sean
6. Y.Bhg. Dato' Ir. Samsuddin bin Ismail

7.11 The Election process took about three (3) months and the total cost was RM18,447.25 excluding the staff cost.

7.12 Y.Bhg. Dato' Ir. Pang Leong Hoon then thanked the Scrutineers, Ir. Hj. Mohamed Ali bin Yusoff, Ir. S. Kukanesan, Ir. Manogaran K. Raman and Ir. K. Gunasagaran for their support and also thanked the Secretariat for their full cooperation. He also thanked the Council for appointing him as the Election Officer.

7.13 The AGM also noted the statistics on ballots returned and for the year 2010, ballot papers returned was about 18%. Y.Bhg. Dato' Ir. Pang Leong Hoon then presented to the AGM, samples of spoilt or rejected ballot papers.

Y.Bhg. Dato' President then thanked Y.Bhg. Dato' Ir. Pang Leong Hoon on his presentation and also congratulated the newly elected Office Bearers.

8.0 PAST PRESIDENTS ELECTED BY COUNCIL TO SERVE THE COUNCIL

8.1 Y.Bhg. Dato' 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. Dato' Ir. Pang Leong Hoon
2. Y. Bhg. Academician Datuk Ir. (Dr) Hj. Ahmad Zaidee bin Laidin
3. Y. Bhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah
4. Ir. Dr Gue See Sew
5. Y. Bhg. Datuk Ir. Prof Dr Ow Chee Sheng

9.0 PRESENTATION OF MOMENTOES TO RETIRING COUNCIL MEMBERS

9.1 Y.Bhg. Dato' President thanked Council Members who were retiring from office for the 2010/2011 session and invited them to receive tokens of appreciation.

10.0 APPRECIATION CERTIFICATE TO IR. ALLEN CHEONG LOONG KWONG

10.1 Ir. Allen Cheong Loong Kwong was presented with a certificate of appreciation from Y.Bhg. Dato' President for his donation of RM20,020 for the refurbishment of the IEM Library.

11.0 LONG SERVICE AWARD TO IEM SECRETARIAT STAFF

11.1 Y.Bhg. Dato' President then presented the Long Service Award to Pn. Halimah bt. Musa and Ms. Ooi Beng Ean for serving the Institution for 15 and 35 years respectively.

11.2 The staff received a cheque and a certificate of appreciation.

12.0 HANDOVER OF CHAIN OF OFFICE

12.1 The Executive Director invited the newly elected President, Ir. Vincent Chen Kim Kieong on stage to receive the handover of chain from Y.Bhg. Dato' President.

13.0 CHANGE OF OFFICE BEARERS

13.1 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.

13.2 The newly Elected President, Ir. Vincent Chen Kim Kieong then invited Y.Bhg. Academician Dato' Ir. Prof. Dr Chuah Hean Teik as the Immediate Past President for session 2011/2012.

14.0 ELECTION OF HONORARY INTERNAL AUDITORS

14.1 The President then proceeded to call for nominations for the position of Honorary Internal Auditors. Ir. Awangku Hidup Awangku Hosain and Ir. Assoc. Prof. Dr Siti Hawa bt. Hamzah were unanimously elected as Honorary Internal Auditors for the 2011/2012 session.

**15.0 APPOINTMENT OF EXTERNAL AUDITORS**

15.1 The President informed the AGM that the Council had recommended the appointment of PKF Malaysia as the External Auditors for 2011/2012. The AGM was further informed that Anthony Skelchy & Co had been maintained as the Accountant for the session 2011/2012. The AGM unanimously accepted the two appointments.

16.0 PRESIDENTIAL ADDRESS 2010/2011

16.1 The President was then invited to present the Presidential Address 2011 entitled "Shifting Gears".

17.0 ADJOURNMENT OF 52ND ANNUAL GENERAL MEETING 2011

17.1 The President declared the 52nd Annual General Meeting adjourned at 12.10 p.m. The President reminded members that the Annual Dinner would be held at the Putrajaya Marriott, Putrajaya. He then thanked the members for their attendance and support and hoped to see them next year.

Ir. Vincent Chen Kim Kieong
President

Ir. Prof. Dr Lee Teang Shui
Honorary Secretary



NO	NAME	MEMBERSHIP NO
DISTINGUISHED HONORARY FELLOW		
1.	Y.Bhg. Academician Dato' Ir. Lee Yee Cheong	00220
HONORARY FELLOW		
2.	Y.Bhg. Dato' Ir. Pang Leong Hoon	00015
FELLOW		
3	Y.Bhg. Dato' Ir. Ahmad Hussaini Bin Sulaiman	03394
4	Ir. Dr. Aminuddin Bin Mohd. Baki	15137
5	Ir. Assoc. Prof. Dr. Arazi Bin Idrus	12879
6	Ir. Awangku Hidup Bin Awangku Hosain	03053
7	Ir. Chen Kim Kieong, Vincent	05128
8	Ir. Cheong Thiam Fook	06100
9	Ir. P. E. Chong	01214
10	Ir. Choo Kok Beng	02828
11	Ir. Faridon Bin Talib	09346
12	Y.Bhg. Dato' Ir. Foong Choy Chye	03799
13	Ir. Goh Kar Bung	08013
14	Ir. Gopal Narian Kutty	11291
15	Ir. Gue See Sew	03975
16	Ir. Hj. Mohamad Nor Bin Md. Dros	07469
17	Ir. M. C. Hee	13947
18	Ir. Hoo Choon Sean	02312
19	Ir. Ishak Bin Abdul Rahman	02106
20	Y.Bhg. Dato' Ir. Ismail Bin Samion	06772
21	Y.Bhg. Dato' Paduka Ir. Hj. Prof. (Dr) Keizrul Abdullah	01691
22	Ir. Kok Yee Hin	02557
23	Ir. Lai Kong Phooi	09917
24	Ir. Lee Boon Chong	08092
25	Ir. Prof. Dr. Lee Teang Shui	03848
26	Ir. Lee Weng Onn	08103
27	Y.Bhg. Dato' Ir. Lim Chow Hock	02531
28	Ir. Ma Meng Fook	13496
29	Ir. Mah Soo	11102
30	Ir. Hj. Mohamed Ali Bin Yusoff	01974
31	Y.Bhg. Dato' Ir. Prof. Dr. Mohd. Saleh Bin Jaafar	13477
32	Ir. Mohd. Aman Bin Hj. Idris	02176
33	Y.Bhg. Dato' Ir. Hj. Mohd. Isa Bin Hj. Sarman	02875
34	Ir. Mohd. Khir Bin Muhammad	18791
35	Ir. Ng Kok Peng	03745
36	Ir. Norlida Bt. Buniamin	13746
37	Y.Bhg. Datuk Ir. Prof. Dr. Ow Chee Sheng	05738
38	Y.Bhg. Datuk Ir. Rosaline Ganendra	06033
39	Ir. Prof. Dr. Ruslan Bin Hassan	03541
40	Y.Bhg. Dato' Ir. Samsuddin Bin Ismail	06923
41	Y.Bhg. Dato' Ir. (Dr) Seo Kian Haw	13276
42	Ir. Shamuri Bin Amat Waridi	02581
43	Ir. Siri Pathamanathan S/O Sathasivam	06184
44	Ir. Tham Kum Weng	01513

NO	NAME	MEMBERSHIP NO
45	Ir. Prof. Dr. Wan Mahmood Bin Wan Abdul Majid	02075
46	Ir. Yam Teong Sian	05613
47	Ir. Yap Soon Hoe	04086
48	Ir. Yim Hon Wa	08247
49	Ir. Yong Kee Chiang	01922
MEMBER		
50	Ir. Abdul Wahid Bin Paijo	18631
51	Ir. Abdullah Bin Ismail	07446
52	Ir. Ahmad Mayadi Bin Ismail	36844
53	Ir. Ahmad Razmi Bin Abd. Ghaffar	09937
54	Ir. Ali R. Ebadi	13440
55	Ir. Al-Khairi Bin Mohd. Daud	14670
56	Ir. Ang Toon Thut	17941
57	Ir. Anil Ramachandren	04309
58	Ir. Arjunaidi Bin Mohd. Yunus	12870
59	Ir. Asri Bin Arjan	03492
60	Ir. Azman Bin Haji Omar	04175
61	Ir. Azman Bin Shaari	27984
62	Ir. Badiuzzaman Bin Harun	03075
63	Ir. Beh Kim Boon	16294
64	Ir. Bhupinder Singh Brar A/L Kirpal Singh Brar	34419
65	Ir. Boey Wei Lun	10801
66	Ir. Cader Mohideen Mohamed Aboobucker	13942
67	Ir. Chai Voon Chiet	20534
68	Ir. Chairil Bahari Bin Ibrahim	39077
69	Ir. Chan Hoe Cheong	29066
70	Ir. Chan Kah Hoe	06867
71	Ir. Chan Sin Sang	04750
72	Ir. Cheah Tat Seong	02577
73	Ir. Cheang Kok Meng	05221
74	Ir. Chee Lai Kong	04876
75	Ir. Chen Khar Ye	16552
76	Ir. Cheng Heang Swee	26952
77	Ir. Cheng Kam Hon	28830
78	Ir. Cheong Choong Fiee	08370
79	Ir. Cheong Kok Peng	23411
80	Ir. Assoc. Prof. Dr. Cheong Kuan Yew	18543
81	Ir. Cheong Loong Kwong	11815
82	Ir. Cheong Sze Yin	19980
83	Ir. Chew Chong Way	08870
84	Ir. Chew Leak Yan	16406
85	Ir. Chew Weng Yuen	12156
86	Ir. Prof. Dr. Chiang Choong Luin, Jeffrey	20286
87	Ir. Chin Chee Wee	18369
88	Ir. Chin Phuan Woo	02267
89	Ir. Chin Wei Choong	03728
90	Ir. Chin Yit Khuan	13399
91	Ir. Choi Yet You	20385
92	Ir. Chong Chew Fan	25416
93	Ir. Chong Chi Koong	18794
94	Ir. Chong Chooi Kong @ Chong Kee	25835
95	Ir. Chong Fook Chow	03956
96	Ir. Choo Teck Hin	14540
97	Ir. Chua Lee Boon	03650



NO	NAME	MEMBERSHIP NO	NO	NAME	MEMBERSHIP NO
98	Ir. Chua Liong Huat	21303	153	Ir. Lee Sun Chang	40019
99	Ir. Chuah Seong Joo, Harry	02033	154	Ir. Lee Sze Wei	20320
100	Ir. Chwa Kim Guan	19634	155	Ir. Lee Wee Chu	06369
101	Ir. Danaraj A/L Chandrasegaran	29129	156	Ir. Leong Chee Tuck	09665
102	Ir. Foo Kai Jaan	22304	157	Ir. Leong Kong Heng	05483
103	Ir. Foong Chee Wai	20563	158	Ir. Leong Sow Khean	13409
104	Ir. Fred Devakumar S/O Stephen Navaratnam	04758	159	Ir. Leow Kay Pin	02859
105	Ir. Goh Chee Eng	04108	160	Ir. Lew Yun Hin	41241
106	Ir. Goh Gin Han	00945	161	Ir. Li Thang Fai	15803
107	Ir. Goh Joon Sai	22384	162	Ir. Lieng Wei Ming	17372
108	Ir. Goh Sheng Pun	18185	163	Ir. Liew Ka Wei	24734
109	Ir. Gunasagaran A/L Kristnan	08216	164	Ir. Liew Khee Leong @ Lam Khee Leong	14505
110	Ir. Hafizi Bin Zakaria	29643	165	Ir. Liew Yoke Loy	07875
111	Ir. Han King Guan	07866	166	Ir. Lim Chee Peng	04530
112	Ir. Han Seng Kong	13421	167	Ir. Lim Chiau Wu	15583
113	Ir. Heng Aik Chau	12603	168	Ir. Lim Choh Teck	03787
114	Ir. Hoong Farn Cheong, Alvin	30798	169	Ir. Lim Kok Khong	09011
115	Ir. Hui Hin Yee	13450	170	Ir. Lim Lik	06752
116	Ir. Haji Icahri Bin Hj. Chatta	30577	171	Ir. Lit Moon Chew	04688
117	Ir. Jagathisen S/O Siva Perumal	05107	172	Ir. Lit Moon Kai	10235
118	Ir. Jagjeet Singh Sidhu	07146	173	Ir. Loh Ban Ho	17313
119	Ir. Jasvinder Singh	12812	174	Ir. Lok Wung Yip	24055
120	Ir. Jayaseelan Nadarajah	14445	175	Ir. Loo Moon Whai	02274
121	Ir. Juares Rizal Bin Abd. Hamid	04562	176	Ir. Mah Peng Cheah	13724
122	Ir. Khor Hock Keat	03670	177	Ir. Maimun @ Mahmood Bin Hj. Taib	02520
123	Ir. Khor Kong Chong	13301	178	Ir. Manogaran S/O K. Raman	08218
124	Ir. Khow Kong Kee @ Khor Kong Kee	01129	179	Ir. Assoc. Prof. Dr Marlinda Binti Abdul Malek	23236
125	Ir. Kim Kek Seong	18825	180	Ir. Dr Md. Azlin Bin Md. Said	14357
126	Ir. Koay Koon Hin	02326	181	Ir. Prof. Dr Mohamad Nor Bin Berhan	08251
127	Ir. Koh Fong Chong	16620	182	Ir. Mohamad Rosli Bin Che Abdullah	23897
128	Ir. Kok Yen Kwan	22574	183	Ir. Mohamad Zawawi Bin Ahmad	07128
129	Ir. Kon Chau Hwa	05026	184	Ir. Mohammad Nazri Bin Sulaiman	21967
130	Ir. Kong Siew Leong	11482	185	Ir. Mohammed Ghazali Bin Kassim	17499
131	Ir. Kribanandan Gurusamy Naidu	15257	186	Ir. Mohd. Azha Bin Abu Samah	16254
132	Ir. Kuan Yen Ping	16629	187	Ir. Mohd. Azhari Bin Che Omar	26855
133	Ir. Kunaseelan Packianathan	02157	188	Ir. Mukhlis Chua @ Chua Ching Kok	45265
134	Ir. Kwong Kar Kitt	41232	189	Ir. Mustafa Bin Tek	16916
135	Ir. Lai Ah Ying	05999	190	Ir. Mustafa Kamal Bin Ariffin	38710
136	Ir. Lai Seak Chin	23172	191	Ir. Ng Boon Kiat	18171
137	Ir. Lai Wai Peng	47084	192	Ir. Ng Chong Beng	14702
138	Ir. Lau Chee Wai	05468	193	Ir. Ng Hock Chong	18583
139	Ir. Lau Hui Leong	29697	194	Ir. Ng Jin Seng	15807
140	Ir. Lau Lee Yeng	07826	195	Ir. Ng Kien An	16214
141	Ir. Lau Win Sang	04323	196	Ir. Ng Robert	01655
142	Ir. Lau Yen Chang	08976	197	Ir. Ng Sin Chie	06697
143	Ir. Lau Yuk Ma	09740	198	Ir. Miss Ng Yek Kan	03559
144	Ir. Law Ken Choong	08432	199	Ir. Noor Iziddin Abdullah Bin Ghazali	21868
145	Ir. Lee Ah Soon	01313	200	Ir. Nor Hamidi Bin Bidin	43597
146	Ir. Lee Ai Sun	26895	201	Ir. Norizan Binti Yahya	41229
147	Ir. Lee Chow Khweng	06025	202	Ir. Ong Beng Hoe	12715
148	Ir. Lee Eng Choy	08979	203	Ir. Ong Guan Hock	03317
149	Ir. Lee Hong Fah	14947	204	Ir. Ong Sang Woh	06634
150	Ir. Lee Kok Thai	02533	205	Ir. Ong Tang Kook	14229
151	Ir. Lee Loi Kong	26909	206	Ir. Ong Ye Poo	12282
152	Ir. Lee Mun Poh	08600	207	Ir. Ooi Eam Hooi, Raymond	29144
			208	Ir. Ooi Hock Lye	15897
			209	Ir. Pang Keng Lee	15810



NO	NAME	MEMBERSHIP NO	NO	NAME	MEMBERSHIP NO
210	Ir. Pang Kia Kim	22014	268	Ir. Wong Yee Chen	14308
211	Ir. Pang San Moh	14936	269	Ir. Woo Mun Meng	03215
212	Ir. Phuah Kim Heng	03562	270	Ir. Yap Soon Onn	16359
213	Ir. Poh Boon Chaw	03195	271	Ir. Yau Chau Fong	03830
214	Ir. Poh Runny	09702	272	Ir. Yazid Bin Hassan	13736
215	Ir. Razmahwata Bin Mohamad Razali	17029	273	Ir. Yeap Swee Cheong	03489
216	Ir. Rizal Bin Abu Bakar	30665	274	Ir. Yee Thien Seng	12228
217	Ir. Rosdi Bin Jusoh	34423	275	Ir. Yeo Joo Kun	03561
218	Ir. Safari Bin Hj. Mat Desa	30537	276	Ir. Yap Soon Onn	29197
219	Ir. Sahanan Bin Saadun	29009	277	Ir. Yau Chau Fong	20215
220	Ir. Saiful Amri Bin Mazlan	18974	278	Ir. Yazid Bin Hassan	10085
221	Ir. Saniman Bin Mail	14971	279	Ir. Yeap Swee Cheong	24349
222	Ir. Selamat Bin Aliman	08924	280	Ir. Yee Thien Seng	03177
223	Ir. Selva Kumar Rasiah	02749	281	Ir. Yeong Chin Chow	18660
224	Ir. Sew Shuh Tyng	11409	282	Ir. Yim Chim Pong	07542
225	Ir. Siow Koi Tan	06610	283	Ir. Yong Shu Hwa	28976
226	Ir. Soo Tian Tiong @ Saw Tian Tiong	04575	284	Ir. Yu Jin Min	09084
227	Ir. Soong Sow Meng	04565	285	Ir. Yu Suen Keat	29772
228	Ir. Suhaimi Bin Shamsuddin	13431	286	Ir. Zainal Fithri Bin Mat Zahari	15913
229	Ir. Syed Salim Bin Syed Abu Bakar	07068	287	Ir. Zakaria Bin Nanyan	08624
230	Ir. Tan Beng Hua	02487	GRADUATE		
231	Ir. Tan Chee Fai	18343	288	Ir. Lt. Kol. Abdul Razak Bin Ahmad	17243
232	Ir. Tan Cheng Peng	21134	289	Engr. Asiah Bte. Ahmad Waridi	18941
233	Ir. Tan Hang Beng	02998	290	Engr. Chau Seh Hik	16934
234	Ir. Tan Hua Chun	21296	291	Engr. Choo How Wee	25413
235	Ir. Tan Jee Aun	17194	292	Engr. Chow Kok Kin	26841
236	Ir. Tan Kim Thin	14199	293	Engr. Chrisnadia Binti Sinam	38870
237	Ir. Dr Tan Kuang Leong	13221	294	Engr. Ellias Bin Ismail	45346
238	Ir. Tan Lip Jin	16493	295	Engr. Ibrahim Jaffar Bin Oi Humayun Khabeer	39146
239	Ir. Tan Loo Shyang	14648	296	Engr. Lau Hong Gee	43589
240	Ir. Tan See Kok	02152	297	Engr. Lee Cheng Pay	36663
241	Ir. Tan Swee Khiam	02673	298	Engr. Leong Mun Cheong	25007
242	Ir. Tan Thong Ooi	12433	299	Engr. Mah Way Sheng	30694
243	Ir. Tan Wang Khai	28838	300	Engr. Maziah Suraya Binti Abd. Majid	31743
244	Ir. Tang Chee Yong	11694	301	Engr. Mohamed Nizam Bin Shamsudin	43566
245	Ir. Teh Lai San	16848	302	Engr. Muhammad Faidzal Bin Zainal	24494
246	Ir. Teh Piaw Ngı	05327	303	Engr. Dr Muhammad Ramlee Bin Kamarudin	44532
247	Ir. Teh See Tee	08139	304	Engr. Nik Mohd Mahzan Bin Nik Mohd Mahathir	45370
248	Ir. Teh Tzyy Woor	20051	305	Engr. Noorhairy Bin Nordin	46782
249	Ir. Ten Pang Sin	19972	306	Engr. Puvanesan A/L Mariappan	36800
250	Ir. Teng Yien Chen	16926	307	Engr. Shuhairy Bin Norhisham	32614
251	Ir. Teo Chee Kong	15072	308	Engr. Soo Soon Seng	45363
252	Ir. Than Yoke Choy	04608	STUDENT		
253	Ir. Thavanendran A/L Mahalingam	31716	309	Sdr. Abul Aswad Bin Abdul Latiff	28661
254	Ir. Thavarajan Muthiah Pillai	11730	310	Sdr. Navinderan A/L Mageswaran	34389
255	Ir. Ting Tiew Whong	24193	OBSERVERS		
256	Ir. Toh Weng Ngai @ Toh Weng Nagı	03291	MEMBER		
257	Ir. Tu Yong Eng	15448	311	Ir. Yeo Kok Hua - (Deleted)	02351
258	Ir. Wong Chee Fui	20903	STUDENT		
259	Ir. Wong Chuze Keong	19051	312	Sdr. Chua Eng Pu - (Deleted)	12267
260	Ir. Wong Huan Yong	12895			
261	Ir. Wong Kim Yen	01450			
262	Ir. Wong Kok Wai	05845			
263	Ir. Wong Sai Yong	16359			
264	Ir. Wong Swee On	03830			
265	Ir. Wong Tai Poh	13736			
266	Ir. Wong Tuck Woh	03489			
267	Ir. Wong Tuck Yoon	12228			



**MINIT MESYUARAT AGUNG TAHUNAN KE-52 INSTITUSI JURUTERA MALAYSIA (IEM)
YANG DIADAKAN PADA 16 APRIL 2011 DI AUDITORIUM TAN SRI IR. PROF. CHIN FUNG KEE,
WISMA IEM PADA PUKUL 9.00 PAGI**

KEHADIRAN AHLI – SEPERTI LAMPIRAN A

1.0 UCAPAN ALUAN OLEH YANG DIPERTUA

- 1.1 Yang Dipertua, Y.Bhg. Academician Dato' Ir. Prof. Dr Chuah Hean Teik mengalu-alukan semua ahli dan memulakan Mesyuarat Agung Tahunan (MAT) Ke-52 pada pukul 9.00 pagi. Y.Bhg. Dato' Yang Dipertua memaklumkan bahawa Mesyuarat Agung Tahunan ini juga disiarkan melalui sidang video ke Auditorium Malakoff di tingkat bawah dan Bilik Kuliah C&S/TUSTD di tingkat 2. Kakitangan Sekretariat telah ditempatkan disetiap lokasi untuk membantu ahli-ahli semasa MAT. Dato' Yang Dipertua meminta ahli untuk memberi nama dan nombor keahlian mereka semasa sesi soal jawab untuk tujuan rekod.

Y.Bhg. Dato' Yang Dipertua juga memaklumkan kepada ahli bahawa laman portal IEM telah siap dan telah dimuat naik untuk kegunaan dalam talian pada akhir tahun lepas. Sejak itu, ia mendapat lebih dari 2 juta kunjungan sebulan. Juga diambil maklum bahawa nama portal "myiem.org.my" kini bernilai USD954. Y.Bhg. Dato' Yang Dipertua seterusnya memaklumkan bahawa MIDA telah memberi geran kepada IEM berjumlah RM1 juta untuk menaik taraf dan memodenkan Infrastruktur IT Institusi termasuk rekabentuk dan pembangunan laman portal web IEM. Beliau berharap agar lebih ramai ahli akan mendaftar masuk untuk memanfaatkan sepenuhnya laman portal tersebut bagi mendapatkan maklumat lanjut mengenai aktiviti IEM.

2.0 PENGESAHAN MINIT MESYUARAT AGUNG TAHUNAN KE-51 YANG TELAH BERLANGSUNG PADA 17 APRIL 2010

- 2.1 Y.Bhg. Dato' Yang Dipertua kemudiannya meminta ahli untuk meneliti minit berkenaan dari mukasurat 43 ke 50 dalam Laporan Tahunan serta versi Bahasa Malaysia yang terdapat di muka surat 54 ke 62.

Ucapan terima kasih juga dirakamkan bagi Ir. Dr Muhamad Fuad bin Abdullah kerana bantuan dalam menyunting minit Bahasa Malaysia.

Ir. Tham Kum Weng (F01513) mengulas mengenai perkara 5.6.4 dengan mengatakan bahawa ianya tidak direkodkan dengan betul. Beliau menyatakan bahawa komen beliau adalah sekiranya Juruaudit Dalaman Kehormat mempunyai sebarang komen atau cadangan, ianya hendaklah dimasukkan ke dalam laporan Audit Dalaman dan bukannya dibangkitkan dalam MAT. Y.Bhg. Dato' Yang Dipertua bersetuju bahawa pindaan tersebut akan dicatatkan dalam minit.

Ir. Yee Thien Seng (M03177) berkata bahawa urutan nombor adalah tidak betul selepas perkara 4.14 pada muka surat 45. Ia sepatutnya 4.15.4.15.1 dan 4.15.2. Beliau seterusnya mengulas bahawa ayat terakhir untuk perenggan pertama perkara 4.2.3"..... dengan Mantan Yang Dipertua IEM itu" sepatutnya adalah sama ada "..... dengan Mantan–Mantan Yang Dipertua IEM" atau ".....dengan seorang Mantan Yang Dipertua IEM". Y.Bhg. Dato' Yang Dipertua mengucapkan terima kasih kepada Ir. Yee Thien Seng di atas komen beliau dan memaklumkan bahawa ungkapan yang sebenar ialah ".....dengan seorang Mantan Yang Dipertua IEM".

Ir. Soo TianTiong (M04575) memaklumkan bahawa nama beliau tidak disenaraikan dalam Senarai Kehadiran (Lampiran A – muka surat 51– 54) sedangkan beliau hadir pada MAT yang lalu.

Ir. Allen Cheong Loong Kwong (M11815) mengulas bahawa nama beliau telah salah dieja. Ia sepatutnya Ir. Allen Cheong Loong Kwong dan bukan Ir. Allen Cheong Loon Kwong. Y.Bhg. Dato' Yang Dipertua memohon maaf di atas kesilapan tersebut.

Ir. Wong Chee Fui (M20903) menerangkan bahawa gelaran sebelum nama beliau dalam senarai kehadiran adalah "Ir." dan bukan "Engr."

Ir. Yap Soon Hoe (F04086) mencadangkan minit Mesyuarat Agung Tahunan ke-51 yang telah diadakan pada 17 April 2010 disahkan. Cadangan telah sokong oleh Ir. Jayaseelan a/l Nadarajah (M14445) dan diterima dengan sebulat suara oleh ahli yang hadir.

3.0 PERKARA-PERKARA BERBANGKIT

- 3.1 Y.Bhg. Dato' Yang Dipertua telah memaklumkan kepada ahli perkara-perkara yang telah berbangkit dari MAT tahun lalu seperti berikut:

Muka surat 50 – Perkara 4.2.4

IEM telah menulis kepada BEM mengenai ejaan "Ir." yang ditulis tanpa noktah dengan menarik perhatian BEM terhadap peruntukan dalam Akta Pendaftaran Jurutera.

Ir. Soo Tian Tiong (M04575) bertanya mengenai implikasi undang-undang apabila Lembaga Jurutera Malaysia (BEM) telah mengeluarkan sijil pendaftaran kepada Jurutera Profesional secara salah tanpa "noktah" dan mencadangkan IEM meminta penasihat undang-undangnya untuk mengkaji isu itu dan memaklumkan BEM sewajarnya. Y.Bhg. Dato' Yang Dipertua memberitahu bahawa BEM telah sedia maklum mengenai isu ini dan beliau mencadangkan wakil IEM mengutarakan perkara tersebut dalam mesyuarat BEM akan datang.



Muka surat 51 – Perkara 5.4.1

Penggabungan hartanah Cawangan telah dimasukkan ke dalam akaun IEM pada tahun 2010 seperti yang dinasihatkan oleh Akauntan.

Muka surat 53 – Perkara 11

Y.Bhg. Dato' Yang Dipertua memaklumkan bahawa dalam MAT yang lalu, salah seorang ahli telah dilantik sebagai Juruaudit Dalam Kehormat. Walau bagaimanapun, pelantikan itu tidak dimaklumkan kepada beliau secara rasmi. Ahli tersebut kemudiannya menyatakan beliau tidak dapat menerima lantikan berkenaan. Oleh itu, Majlis pada mesyuarat terakhir mereka dalam bulan Mac 2011, memutuskan untuk melantik Ir. Prof Dr Siti Hawa bt. Hamzah (F08457) sebagai Juruaudit Dalam Kehormat yang kedua dan beliau telah bersetuju untuk menerima pelantikan itu.

Ir. Tham Kum Weng (F01513) kemudian memaklumkan bahawa beliau adalah Ahli yang tidak dimaklumkan secara rasmi mengenai pelantikan sebagai Juruaudit Dalam di MAT yang lalu dan mengucapkan terima kasih kepada Y.Bhg. Dato' Yang Dipertua kerana membangkitkan perkara ini. Beliau juga memaklumkan bahawa tidak ada peruntukan bagi pemilihan Juruaudit Dalam dalam Perlembagaan dan Undang-undang Kecil IEM tetapi merupakan amalan bahawa Juruaudit Dalam dipilih dalam MAT. Beliau menyatakan bahawa yang dilantik mestilah dimaklumkan tentang pelantikannya dengan persetujuan diperolehi, supaya dilihat adil dan telus dan beliau berharap Majlis akan mengambil maklum dan berhati-hati terhadap isu seperti ini. Beliau menambah bahawa IEM sebagai salah satu institusi profesional terbesar harus berpegang kepada amalan baik dalam urusannya.

3.2 Pindaan Undang-Undang Kecil IEM

MAT telah dimaklumkan bahawa ROS telah meluluskan pindaan kepada Undang-undang Kecil Seksyen 3.1,3,18-3,20, 4.2, 4.8, 9.7-9.16, 9.19-9.21 dan 9.27.

4.0 LAPORAN TAHUNAN BAGI SESI 2010/2011

Y.Bhg. Dato' Yang Dipertua kemudian menjemput Setiausaha Kehormat, Ir. Prof. Dr Lee Teang Shui untuk membentangkan Laporan Tahunan ke-52 dari muka surat 69 ke110.

4.1 AHLI MAJLIS DAN JAWATANKUASA EKSEKUTIF

Ir. Prof. Dr Lee Teang Shui (F03848) mengimbuai kembali pelbagai kegiatan dan acara yang dianjurkan tahun lepas. MAT telah dimaklumkan bahawa lima (5) mesyuarat Majlis telah diadakan sepanjang sesi 2010/2011 untuk membincangkan perkara-perkara dasar dan membuat keputusan mengenai pelbagai isu yang berkaitan IEM serta profesion kejuruteraan. MAT seterusnya dimaklumkan bahawa mesyuarat Jawatankuasa Eksekutif telah diadakan sebanyak 13 kali sepanjang sesi 2010/2011 untuk menjalankan atau melaksanakan keputusan-keputusan Majlis atau meneliti permintaan Majlis.

4.2 Wisma IEM

Sekalung penghargaan telah dirakamkan bagi Pasukan Petugas Kutipan Dana yang terdiri daripada Pengerusi, Y.Bhg. Datuk Wira Ir. Md Sidek bin Ahmad, serta ahli-ahli Ir. Dr Gue See Sew, Y.Bhg. Ir. Dato' Dr Andy Seo Kian Hwa dan Y.Bhg. Datuk Ir. (Dr) Hj. Ahmad Zaidee bin Laidin kerana berjaya mendapatkan sumbangan untuk Dana Bangunan. Antara penyumbang tersebut adalah Muhibbah Engineering, IJM Corporation, Kumpulan Sunway dan Indah Water Konsortium.

4.3 Keahlian

Seramai 5,379 calon telah diluluskan untuk kemasukan/pemilihan/pemindahan kepada pelbagai gred. Peningkatan yang berterusan dalam bilangan keahlian telah berlaku sejak tahun 2008 dan sekalung penghargaan telah dirakamkan bagi Jawatankuasa Tetap Kelayakan dan Kemasukan di atas usaha gigih mereka untuk meningkatkan bilangan ahli. Sebanyak 70 ceramah telah diadakan di pelbagai organisasi serta IPT di sekitar Lembah Klang dan juga Cawangan-Cawangan IEM.

MAT mengambil maklum pecahan keahlian dalam segi Disiplin:

Awam	10,437
Mekanikal	5,399
Elektrik	3,496
Elektronik	1,374
Kimia	1,220
Lain-lain	1,383

4.4 Daftar-Daftar Antarabangsa

Sebanyak 34 permohonan telah diluluskan untuk pendaftaran dalam Daftar Jurutera ASEAN (AER) manakala 53 diluluskan untuk Daftar-Daftar Jurutera Antarabangsa (APEC/EMF). Sementara 34 permohonan telah diluluskan untuk pendaftaran dalam Daftar Jurutera ASEAN bagi Jurutera Muda (AERYE) yang telah dijenamakan semula sebagai Jurutera Bersekutu ASEAN (AAE).



MAT telah dimaklumkan bahawa Y.Bhg. Dato' Yang Dipertua akan mengambil alih tugas sebagai Pengerusi Persekutuan Institusi Kejuruteraan Asia dan Pasifik (FEIAP) pada bulan Oktober 2011.

4.5 Penerbitan IEM

Dua Belas (12) isu Buletin "JURUTERA" dan empat (4) Jurnal telah diterbitkan dalam tahun 2010. MAT juga dimaklumkan bahawa IEM akan memohon untuk status jurnal antarabangsa dibawah pengindeksan Scopus bagi tahun 2012. Bagi tahun 2011, IEM merancang meletakkan jurnalnya dalam talian dengan menyertai penyenaian tempatan di bawah Sistem Malaysia Journal Online (MJO).

4.6 Portal Sesawang IEM (www.myiem.org.my)

Portal sesawang IEM yang baru telah dilancarkan pada 1 Oktober 2010. Projek ini telah dibiayai oleh geran SSCDF yang diterima daripada MIDA. Portal sesawang ini membolehkan ahli-ahli IEM membuat beberapa transaksi seperti mengemaskini butiran diri mereka serta merekodkan jam CPD secara dalam talian dan melayari buku-buku perpustakaan dan menempahnya.

4.7 Perpustakaan IEM

Perpustakaan IEM yang mempunyai koleksi 5448 buah buku berkaitan pelbagai topik kejuruteraan telah diberi wajah baru pada tahun 2010.

MAT seterusnya dimaklumkan bahawa dengan pelaksanaan portal IEM, ahli boleh melayari buku-buku perpustakaan dan menempahnya jika ada untuk dipinjam secara dalam talian. Cadangan telah dibuat untuk mengadakan "Sudut Kopi" dalam perpustakaan untuk kegunaan ahli.

4.8 Penambahbaikan pada Bangunan Ingenieur

Bangunan Ingenieur telah diubahsuai dengan penambahbaikan pada lantai, mengecat semula dinding serta penggantian lampu. MAT juga telah dimaklumkan mengenai cadangan untuk mengubahsuai Penthouse agar ianya lebih selesa untuk ahli. Bagaimanapun, adalah perlu untuk melihat aspek kewangan cadangan itu.

4.9 Acara Tahunan IEM dan Aktiviti 2010

Aktiviti utama yang telah diadakan dalam tahun 2010 adalah seperti berikut: -

- (i) *Minggu Kejuruteraan IEM 2010 dengan tema "Mobiliti Kejuruteraan, Globalisasi dan Teknologi Hijau bagi Masa Depan yang Berkesinambungan" telah di anjurkan pada 19 – 24 Mac 2010.*
- (ii) *Pertandingan Kereta "Chem-e-Car" Malaysia yang Ke-5 telah diadakan pada 22 Julai 2010.*
- (iii) *Hari Keluarga IEM telah diadakan pada 25 Julai 2010. Seramai 504 ahli bersama keluarga mereka telah hadir pada acara tersebut.*
- (iv) *Kejohanan Golf IEM 2010 telah diadakan pada 29 Julai 2010 dan seramai 97 ahli dan tetamu undangan telah mengambil bahagian dalam acara ini.*
- (v) *CAFEO28 telah diadakan di Hanoi dengan kehadiran 62 orang delegasi Malaysia di persidangan tersebut.*

4.10 Anugerah Kecemerlangan Yang Dipertua

Pemenang Anugerah Kecemerlangan Yang Dipertua bagi tahun 2010 adalah Bahagian Teknikal Kejuruteraan Mekanikal. Berikut adalah Bahagian-Bahagian Teknikal bagi kedudukan Ke-2 hingga Ke-6 serta Bahagian Yang Paling Meningkatkan:-

Tempat Kedua	Civil & Structural Engineering
Tempat Ketiga	Electrical Engineering
Tempat Keempat	Geotechnical Engineering
Tempat Kelima	Chemical Engineering
Tempat Keenam	Building Services
Yang Paling Meningkatkan	Project Management

4.11 Penulisan Piawaian

IEM telah menyiapkan penulisan piawaian EN1, EN2 dan EN3 dengan bantuan Bahagian Teknikal Kejuruteraan Awam dan Struktur. MAT seterusnya dimaklumkan bahawa Bahagian Teknikal tersebut sedang menyiapkan piawaian EN7 dan EN8. IEM adalah berdaftar dengan SIRIM sebagai Pertubuhan Penulisan Piawaian dan juga telah menerima bantuan kewangan daripada Jabatan Standard bagi penulisan piawaian tersebut.



4.12 Galeri Kerja

Mereka yang mencari kerja dapat berbuat demikian bagi pekerjaan yang diinginkan melalui portal sesawang IEM dibawah bahagian "Galeri Kerja" untuk maklumat jawatan kosong terkini. MAT telah dimaklumkan bahawa terdapat juga projek padansuai di antara ahli IEM yang mencari kerja dengan bakal majikan.

4.13 Hari Keluarga IEM 2010

Hari Keluarga IEM 2010 telah diadakan pada 25 Julai 2010 di Taman Tasik Taman Jaya dan seramai 504 ahli serta keluarga mereka telah menghadiri acara tersebut. Di antara aktiviti yang dijalankan adalah penyampaian hadiah yang merupakan wang tunai dan sijil kepada 55 orang pelajar SPM dan 6 orang pelajar STPM kerana pencapaian cemerlang mereka dalam peperiksaan berkenaan.

4.14 Projek Kemasyarakatan

Jawatankuasa Tetap Kebajikan dan Hal Ehwal Perkhidmatan telah menjalankan Projek Kebertanggungjawaban Khidmat Masyarakat terutamanya pemasangan Sistem Penuaian Air Hujan (SPAH) dipelbagai lokasi:-

- Kg. Baru Sg Penjuring
- Bentong Community Hall
- Kg. Baru Jementah
- Segamat Old Folks Home
- Kg. Baru Plentong
- Johor Baharu Community Hall
- Damansara Jaya Community Centre

4.15 Lambang dan Lencana IEM

Lambang IEM kini telah didaftarkan dengan MyIPO sebagai cap dagangan berdaftar bersama dengan nama 'Institusi Jurutera Malaysia'. MAT juga telah dimaklumkan bahawa Lencana Kereta IEM ada dijual dan ahli-ahli yang berminat boleh membelinya dari Sekretariat IEM.

4.16 Gabungan Antarabangsa

IEM terus berkhidmat sebagai Sekretariat bagi Persekutuan Pertubuhan Kejuruteraan ASEAN (AFEO). MAT telah dimaklumkan bahawa Y.Bhg. Dato' Paduka Ir. Hj. Keizrul bin Abdullah telah dilantik sebagai Setiausaha Agung AFEO sementara Ir. Choo Kok Beng telah dilantik sebagai Ketua Pesuruhjaya Daftar Jurutera ASEAN.

Seterusnya telah diambil perhatian bahawa Ir. Yim Hon Wa telah mengambil alih jawatan Pendaftar Negara untuk Malaysia bagi tahun 2010.

4.17 Kelab Bisnes IEM

Kelab Bisnes IEM telah ditubuhkan bagi ahli IEM meneroka prospek perniagaan di Malaysia dan negara-negara jiran dengan fokus kepada bisnes dalam sektor kejuruteraan serta membina jaringan perniagaan di negara-negara tersebut. Kelab Bisnes IEM juga merancang untuk mengadakan lawatan perdagangan di samping mewujudkan dialog bisnes dengan bakal rakan perniagaan asing di persidangan, mesyuarat dan simposium antarabangsa.

4.18 Pelawat-Pelawat

MAT telah mengambil maklum bahawa IEM telah menjadi tuan rumah kepada organisasi berikut dalam tahun 2010: -

- *Royal Institution of Surveyors, Malaysia*
- *IChemE, UK*
- *Engineers Australia*
- *Board of Engineers, Cambodia*
- *Malaysian Institute of Chartered Secretaries and Administrators (MAICSA)*

4.19 Acara-Acara Akan Datang

MAT telah dimaklumkan mengenai acara-acara akan datang bagi tahun ini seperti berikut:-

- Jamuan Makan Malam dan Penganugerahan IEM ke-52 di Marriott Hotel, Putrajaya pada hari yang sama MAT
- Brownfield Asia 2011 – Persidangan Antarabangsa mengenai "Remediation Management of Contaminated Land" dari 11 – 14 Julai 2011
- Hari Keluarga IEM 2011
- Persidangan Kejuruteraan IEM – IET mengenai "Sustainable Solutions for Energy Utilization" dari 10 – 12 Oktober 2011



Y.Bhg. Dato' Yang Dipertua mengucapkan terima kasih kepada Ir. Prof. Dr Lee Teang Shui kerana telah membentangkan Laporan Tahunan.

Beliau seterusnya memaklumkan MAT bahawa Muhibbah Engineering telah menyumbang RM50,000, IJM Corporation RM50,000 dan Tenaga Nasional Berhad telah bersetuju untuk menyumbang sebanyak RM100,000 kepada Dana Bangunan IEM. Y.Bhg. Dato' Yang Dipertua juga mengucapkan terima kasih kepada seluruh anggota Pasukan Petugas Khas Kutipan Dana atas usaha mereka untuk mendapatkan derma daripada pertubuhan-pertubuhan tersebut. Di samping itu, Y. Bhg. Dato' Yang Dipertua juga merakamkan penghargaan kepada Timbalan Menteri Kewangan, Y.B Datuk Ir. Donald Lim Siang Chai (M05380) yang pernah menjadi anggota Pasukan Petugas Khas kerana membantu EM dalam usaha mengumpul dana dan begitu juga mengucapkan terima kasih kepada Y.Bhg. Academician Dato' Ir. Lee Yee Cheong (D.Hon.F00220) di atas bantuan beliau untuk mendapatkan sumbangan dari TNB.

Y.Bhg. Dato' Yang Dipertua kemudian menjemput ahli untuk mengemukakan komen atau soalan.

4.20 Sesi Soalan - Laporan Tahunan

- 4.20.1 Ir. C.M. Mohamed Aboobucker (M13942) mengulas bahawa pada muka surat 69, jumlah bilangan ahli untuk lima tahun yang lalu telah meningkat dari 15,000 ke 23,000. Beliau mengandaikan bilangan dijangka meningkat sebanyak 8,000 lagi dalam masa lima(5) tahun akan datang. Bagaimanapun, beliau menegaskan bahawa perkara 2.4 dan 2.5 pada mukasurat 71 menunjukkan hanya dua (2) orang pelajar sahaja yang telah aktif semula daripada sejumlah 7171 Ahli Pelajar yang mempunyai tunggakan yuran keahlian mereka. Beliau merasakan bahawa bilangan besar Ahli Pelajar yang gagal membayar yuran tahunan memberi gambaran bahawa IEM akan kehilangan keahlian di masa akan datang.

Beliau merasakan bahawa yuran tahunan bukanlah masalah kerana Ahli Pelajar berusia di bawah 24 tahun hanya perlu membayar RM20 setahun. Beliau juga menimbulkan persoalan bagaimana IEM boleh menarik mereka ini untuk terus kekal menjadi ahli IEM memandangkan mereka adalah bakal jurutera yang akan berkhidmat kepada negara. Beliau merasakan bahawa IEM perlu membentuk ahli-ahli ini untuk menjadi jurutera yang baik di masa akan datang dan ini merupakan tugas utama IEM.

Beliau seterusnya mengatakan bahawa IEM tidak harus berbangga dengan keahlian yang telah meningkat daripada 15,000 kepada 23,000 sedangkan pada masa yang sama telah kehilangan seramai 7,169 ahli. Beliau mahu Majlis IEM memberi penjelasan tindakan apakah yang telah diambil untuk menangani isu ini.

Ir. C.M. Mohamed Aboobucker (M13942) turut mengulas mengenai Lambang IEM. Beliau menyoal tentang rasional kewujudan mistar-hitung dalam Lambang itu memandangkan kini adalah abad ke-21 dan mistar-hitung tidak lagi digunakan. Beliau merasakan masanya telah tiba bagi IEM menimbangkan perubahan pada Lambangnya.

Beliau seterusnya menarik perhatian terhadap kesilapan yang sering berlaku seperti berikut:

- i. *"The Institution of Engineers, Malaysia" mistakenly stated as "The Institute of" or "Institution of.....".*
- ii. *"Ir. Aboobucker" should be read as "Ingenieur Aboobucker" and not "I" "R" "Aboobucker".*

Y.Bhg. Dato' Yang Dipertua menjelaskan mengenai keahlian pelajar, bahawa sebahagian dari mereka tidak dapat dihubungi dan ia mungkin disebabkan perubahan alamat. MAT telah dimaklumkan bahawa kebanyakan pelajar menggunakan alamat sementara dalam borang permohonan mereka ketika memohon untuk menjadi ahli pelajar. IEM mempunyai kesukaran untuk menghubungi mereka memandangkan mereka tidak mengemaskini maklumat mereka dengan IEM.

Namun begitu, setelah mengambil kira kemungkinan ini, IEM telah melaksanakan suatu skim baru dimana para pelajar boleh memilih untuk membayar yuran keahlian sebanyak RM50 bagi sepanjang tempoh program ijazah mereka. Di samping itu, Institusi Pengajian Tinggi telah digalakkan untuk menubuhkan Seksyen Pelajar. Dengan adanya Seksyen ini, interaksi yang lebih baik adalah diharapkan sehingga IEM dapat mengekalkan keahlian pelajar dan seterusnya menggalakkan mereka membuat pemindahan kepada keahlian Siswazah.

Y.Bhg. Dato' Yang Dipertua juga memaklumkan bahawa beberapa Cawangan IEM juga membantu IPT di sekitar kawasan mereka untuk memastikan bahawa para pelajar adalah sebahagian daripada IEM terutamanya dalam kegiatan bersama yang dianjurkan oleh Cawangan IEM dan Seksyen Pelajar IEM.

Berkenaan dengan Lambang IEM, Y.Bhg. Dato' Yang Dipertua menjelaskan bahawa sekali pun kini adalah abad ke-21, namun adalah diharapkan agar nilai dan asas-asas kejuruteraan tetap utuh dan jitu. Oleh itu, Majlis telah memutuskan untuk tidak menukar Lambang IEM walau pun banyak pertandingan telah diadakan untuk mencari lambang baru IEM.

Y.Bhg. Academician Dato' Ir. Lee Yee Cheong (D.Hon.F00220) menarik perhatian bahawa Institusi Jurutera Awam, UK sebuah badan yang telah wujud lebih dari 200 tahun juga telah mengekalkan lambang mereka. Namun begitu, beliau bersetuju bahawa telah tiba masanya untuk IEM meninjau kemungkinan mempunyai logo Institusi. Adalah dipersetujui bahawa perkara tersebut akan dibincangkan dalam mesyuarat Majlis akan datang.

- 4.20.2 Ir. Yap Soon Hoe (F04086) mengulangi soalan yang timbul dalam MAT lalu berkenaan Dana Bangunan IEM seraya meminta status maklumat terkini mengenainya. Beliau mengulas bahawa dalam Buletin Mac 2011, dana yang terkumpul adalah kira-kira RM1.9 juta sedangkan jumlah pinjaman belum berbayar ialah sebanyak RM11 juta. Beliau mencadangkan agar IEM menemui pihak Kerajaan untuk bantuan dalam menyelesaikan pinjaman yang belum berbayar itu. Beliau juga mencadangkan satu delegasi dari IEM untuk bertemu Perdana Menteri untuk memohon dana.



Beliau seterusnya mengulas bahawa IEM pada masa kini mampu untuk membayar balik pinjaman kerana adanya penyewa tetapi menyoal akan kesannya sekiranya berlaku krisis ekonomi. Beliau mencadangkan supaya IEM mengadakan Mesyuarat Agung Luar Biasa bagi menetapkan bahawa 20,000 ahlinya, di mana 10,000 darinya adalah ahli korporat menyumbang RM200 seorang sebagai bayaran sekali sahaja untuk membolehkan IEM menyelesaikan pinjamannya.

Y.Bhg. Dato' Yang Dipertua memaklumkan bahawa perkara itu akan dibincangkan dalam laporan Bendahari Kehormat. Y.Bhg. Dato' Yang Dipertua seterusnya menjelaskan bahawa Pasukan Petugas Kutipan Dana telah cuba untuk mendapatkan pengecualian cukai bagi Dana Bangunan tetapi telah dimaklumkan bahawa ia tidak mungkin. Namun begitu, adalah diambil maklum bahawa Pasukan Petugas juga telah cuba untuk menjemput Perdana Menteri sebagai "Penaung" IEM. Di samping itu, Y.Bhg. Dato' Yang Dipertua juga menyatakan bahawa YB Datuk Ir. Donald Lim Siang Chai (M05380) sentiasa memberi sokongan kuat dengan harapan mendapatkan derma daripada 200 organisasi untuk menyumbang sebanyak RM10,000 setiap organisasi kepada Dana Bangunan IEM.

- 4.20.3 Ir. Jagathisan a/l Siva Perumal (M05107) menyatakan terdapat banyak Bahagian Teknikal dan tiga (3) yang terbaik ialah Bahagian Teknikal Mekanikal, Elektrik atau Awam. Beliau mencadangkan bahawa Bahagian Teknikal digabungkan terutama yang bertindih agar menjadi lebih produktif dan juga akan mewujudkan pendapatan kepada IEM.

Y.Bhg. Dato' Yang Dipertua menyatakan bahawa terdapat peruntukan dalam Undang-Undang dan Peraturan bagi Bahagian Teknikal yang tidak aktif digabungkan.

- 4.20.4 Ir. Yee Thien Seng (M03177) telah bertanya sama ada Kejohanan Golf IEM mampu menjana pendapatan atau acara yang memerlukan perbelanjaan. Y.Bhg. Dato' Yang Dipertua memaklumkan bahawa Kejohanan Golf IEM merupakan acara yang menguntungkan dan keuntungannya telah dipindahkan ke dalam Dana Bangunan IEM.

- 4.20.5 Ir. Yap Soon Hoe (F04086) merujuk kepada pertanyaan beliau yang terdahulu tentang langkah-langkah yang IEM akan ambil untuk memastikan pinjaman boleh dilangsaikan walaupun tiada penyewa. Beliau mengulangi bahawa IEM tidak harus bergantung hanya kepada satu orang untuk membantu mendapatkan dana.

Y.Bhg. Dato' Yang Dipertua menegaskan bahawa jawapan beliau yang terdahulu adalah sekadar contoh dan sememangnya ada cara lain untuk menyumbang kepada Dana Bangunan IEM dan beliau merasakan bahawa isu itu sepatutnya dibincangkan di bawah perkara "Hal-hal Lain". Beliau menambah bahawa perkara itu akan dirujuk kepada Majlis untuk perbincangan lanjut dan dipertimbangkan baik buruknya cadangan Ir. Yap itu.

- 4.20.6 Ir. Tham Kum Weng (F01513) mengucapkan tahniah kepada Majlis di atas pelaksanaan yuran keahlian pelajar sebanyak RM50 sekali bayaran. Beliau bagaimanapun menarik perhatian bahawa bilangan ahli pelajar seramai 7171 orang seperti dinyatakan dalam perkara 2.4 muka surat 71 adalah tidak selaras dengan angka 6489 pada muka surat 69.

Y.Bhg. Dato' Yang Dipertua menjelaskan bahawa bilangan ahli pelajar yang aktif adalah 6489 dan jumlah 7171 adalah termasuk ahli yang telah dinyahsenarai.

Ir. Tham Kum Weng (F01513) kemudian mengulas bahawa kenyataan dalam perkara 2.4 adalah mengelirukan terutama pada ayat "Majlis akan melihat perkara dinyahsenarai....." dan mencadangkan bahawa kenyataan itu dibuat dengan lebih khusus. Beliau juga mengulas bahawa MAT wajar meneliti laporan dari satu muka surat ke satu muka surat. Beliau menyatakan bahawa perkara-perkara yang tidak disebut dalam laporan Setiausaha Kehormat perlu diletak di bawah perkara "Hal-Hal Lain". Y.Bhg. Dato' Yang Dipertua memberi jaminan bahawa pindaan yang berkaitan akan dibuat seperti sewajarnya.

- 4.20.7 Engr. Shuhairy Norhisham (G32614) sambil merujuk kepada perkara 8.3 bertanya sama ada Seksyen Jurutera Muda (YES) boleh dimasukkan sebagai calon dalam Anugerah Kecemerlangan Yang Dipertua (PAOE).

Y.Bhg. Dato' Yang Dipertua memaklumkan bahawa beliau akan memohon Majlis untuk menimbangkan penyertaan YES dalam PAOE.

- 4.20.8 Ir. Lau Win Sang (M04323) menegaskan bahawa Ahli Pelajar tidak akan kekal sebagai Ahli Pelajar kerana mereka akan naik taraf kepada Ahli Siswazah selepas tamat pengajian. Oleh itu, beliau merasakan bahawa 7,000 lebih Ahli Pelajar bukanlah semua kerugian kepada IEM kerana selepas menjadi graduan mereka akan berpindah menjadi Ahli Siswazah.

Y.Bhg. Dato' yang Dipertua memaklumkan bahawa IEM telah mencuba untuk menggalakkan pelajar mengambil bahagian dalam aktiviti-aktiviti IEM dan pelbagai langkah telah diambil seperti menambah peruntukan dana daripada Tabung Pendidikan untuk Seksyen Pelajar IEM.

- 4.20.9 Engr. Lee Cheng Pay (G33663) memaklumkan MAT bahawa YES telah menyokong Hari Keluarga IEM kerana kebanyakan ahli Jawatankuasanya adalah dari YES. Beliau seterusnya mengulas bahawa BEM dan badan profesional lain menggunakan wasilah perhubungan moden untuk mempromosi aktiviti mereka seperti Facebook atau Twitter manakala IEM tidak menggunakan saluran komunikasi sedemikian. Beliau mencadangkan bahawa IEM menggunakan Facebook sebagai satu cara mempromosi IEM kepada jurutera muda.



Y.Bhg. Dato' Yang Dipertua merakamkan penghargaan kepada YES kerana sumbangan tenaga hebat untuk IEM sepanjang 2 sesi yang lepas. MAT telah dimaklumkan bahawa YES telah pun aktif bukan sahaja di Malaysia tetapi juga di YEAFEO dan juga Daftar Jurutera Bersekutu ASEAN (AAE). Beliau menambah bahawa kehadiran jurutera muda yang aktif yang dapat mempromosi IEM adalah sesuatu baik.

Y.Bhg. Dato' Yang Dipertua bersetuju bahawa Jawatankuasa Tetap Kelayakan dan Kemasukan keahlian (Q&A) dan Jawatankuasa Galakan Keahlian akan diminta untuk menimbangkan penggunaan Facebook sebagai satu cara berkomunikasi dengan ahli-ahli muda.

- 4.20.10 Ir. Lee Boon Chong (F08092) menarik perhatian bahawa komposisi ahli dalam "Kertas Posisi mengenai Kerelevanan Perundingan Pengurusan Projek" pada muka surat 27 adalah salah.

Y.Bhg. Dato' Yang Dipertua mengisytiharkan bahawa Sekretariat akan diminta untuk membuat pindaan sewajarnya.

- 4.20.11 Ir. Dr Cheong Thiam Fook (F06100) mengulas bahawa mungkin terdapat kesilapan pada muka surat 3 dimana perkataan seharusnya "**Objektif Institusi...**" dan tidak "**Objek Institusi.....**".

Keduanya, beliau merasakan bahawa ahli Majlis atau Jawatankuasa Eksekutif yang baru harus melihat secara serius bagaimana IEM mengambil tempat ke arah negara mencapai Wawasan 2020 seperti dinyatakan oleh "Wawasan IEM" di muka surat 3. Beliau mengulas bahawa peratusan pengamal kejuruteraan yang menjadi ahli IEM adalah kecil berbanding dengan profesion lain. Beliau menggesa ahli-ahli supaya aktif menyertai aktiviti IEM. Mengenai keahlian IEM, beliau memaklumkan bahawa Jawatankuasa Galakan Keahlian telah bekerja keras untuk mengekalkan bilangan keahlian pelajar. Malangnya, beliau dimaklumkan bahawa cadangan sekali bayar bagi yuran keahlian pelajar yang telah dicadangkan pada tahun 2009 hanya diluluskan baru-baru ini. Beliau juga menegaskan bahawa sehingga 31 Mac 2011 keahlian sebenarnya telah mencapai 27,000 berbanding 21,000 yang dinyatakan dalam Laporan Tahunan yang bertarikh 31 Disember 2010. Ir. Dr Cheong Thiam Fook kemudian mengucapkan terima kasih kepada Majlis kerana meluluskan yuran keahlian pelajar sekali bayar walaupun ianya telah mengambil satu setengah tahun untuk diluluskan.

Y.Bhg. Dato' Yang Dipertua menjelaskan bahawa pindaan berkenaan perlu diluluskan oleh Pendaftar Pertubuhan (ROS) yang menjadi sebab kelewatan tersebut.

Memandangkan tidak ada lagi komen atau soalan dari hadirin, Ir. Lau Win Sang (M04323) mencadangkan bahawa Laporan Tahunan disahkan. Cadangan ini disokong oleh Ir. Mohd. Aman bin Hj. Idris (F02176) dan selanjutnya diterima oleh MAT.

5.0 AKAUN BAGI TAHUN BERAKHIR 31 DISEMBER 2010

- 5.1 Y.Bhg. Dato' Yang Dipertua kemudian menjemput Bendahari Kehormat Ir. Prof. Dr Jeffrey Chiang Choong Luin (M20286) untuk membentangkan Penyata Kewangan Institusi Jurutera Malaysia bagi tempoh 1 January 2010 sehingga 31 Disember 2010.

- 5.2 Ir. Prof. Dr Jeffrey Chiang Choong Luin (M20286) melaporkan bahawa terdapat perubahan dalam format Penyata Kewangan. Beliau memberitahu MAT bahawa di atas permintaan Juruaudit luar, KPMG, IEM harus menyatukan akaunnya dengan IEM Training Centre Sdn Bhd dibawah Sistem Laporan Entiti Persendirian (PERS). Beliau juga menjelaskan bahawa terdapat tempat (4) ruang dalam Penyata Kewangan dimana perkataan "Institusi" mewakili prestasi IEM manakala perkataan "Kumpulan" mewakili prestasi akaun yang disatukan antara IEM dan IEM Training Centre Sdn Bhd.

Ir. Prof. Dr Jeffrey Chiang Choong Luin (M20286) seterusnya melaporkan bahawa pendapatan keseluruhan IEM bagi tahun 2010 adalah RM4,749.864 iaitu peningkatan sebanyak RM570,369 berbanding 2009. Penyumbang utama adalah yuran tahunan (RM2, 632.486) yang mencatatkan peningkatan sebanyak 7% dan pendapatan daripada Bahagian-Bahagian Teknikal (RM435, 987) yang mencatatkan peningkatan sebanyak 290%. Penyumbang lain kepada pendapatan adalah seperti berikut:

Sewa Wisma IEM	RM1,234,171
Dividen daripada IEM Training Centre	RM100,000

- 5.3 MAT seterusnya dimaklumkan bahawa yuran tahunan masih merupakan penyumbang terbesar kepada pendapatan keseluruhan iaitu 55% bagi tahun 2010. Peratusan ini berkurangan berbanding 2009 yang mencapai 60%. IEM telah semakin kurang bergantung kepada yuran tahunan yang dahulunya merupakan 70% daripada jumlah pendapatan. Begitu juga diambil maklum bahawa kemasukan semula keahlian meningkat dengan ketara mencapai 490% (RM16,730) manakala komisen kad kredit telah meningkat sebanyak 13% (RM13,972).

Adalah dilaporkan bahawa IEM Training Centre Sdn Bhd telah berjanji untuk mengisytiharkan dividen sebanyak RM100,000 kepada IEM bagi dua tahun (2) akan datang; 2011 dan 2012. Di samping itu, terdapat lebihan sebanyak RM317,029 daripada Perkhidmatan Institusi (Pendapatan Bersih pelbagai Jawatankuasa dan Bahagian Teknikal) berbanding dengan defisit sebanyak RM115,496 pada tahun 2009.



- 5.4 MAT menyatakan bahawa IEM Training Centre Sdn. Bhd. mencatatkan keuntungan bersih sebelum cukai sebanyak RM658,638. MAT seterusnya menyatakan pecahan seperti berikut:

<i>Pendapatan Operasi</i>	<i>RM 2,245,925</i>
<i>Perbelanjaan Operasi</i>	<i>RM 1,280,601</i>
<i>Untung Kasar</i>	<i>RM 965,324</i>
<i>Perbelanjaan Pentadbiran</i>	<i>RM 306,686</i>

Keuntungan Bersih sebelum Cukai ***RM 658,638***

- 5.5 Bendahari Kehormat seterusnya melaporkan bahawa umlah perbelanjaan bagi tahun 2010 adalah RM4,270.158 iaitu peningkatan sebanyak RM98,313 berbanding dengan tahun 2009. Adalah diambil maklum bahawa perbelanjaan terbesar adalah Emolumen Kakitangan sebanyak 39%, sementara 18% adalah perbelanjaan pentadbiran.
- 5.6 Ir. Prof. Dr Jeffrey Chiang Choong Luin (M20286) melaporkan bahawa prestasi keseluruhan bagi 2010 ialah lebih bersih sebanyak RM479,706 berbanding dengan defisit bersih sebanyak RM66,492 pada tahun 2009.
- 5.7 MAT juga telah dimaklumkan bahawa perbelanjaan berkaitan dengan pembaikan dan naik taraf bangunan adalah bagi pengubahsuaian bangunan IEM khususnya menaik taraf dan membaikpulih perpustakaan IEM dan Wisma IEM. MAT kemudiannya seiringan Bendahari Kehormat mengucapkan penghargaan kepada Ir. Allen Cheong Loong Kwong (M11815) diatas sumbangan beliau sebanyak RM20,000 bagi membaik pulih perpustakaan IEM.
- 5.8 MAT kemudian mengambil maklum bahawa Cawangan-Cawangan IEM, iaitu Negeri Sembilan dan Perak telah membeli bangunan mereka sendiri dengan harga masing-masing RM288,000 dan RM280,000.
- 5.9 IEM telah berjaya mengumpul sejumlah RM371,911 untuk Dana Bangunan dalam tahun 2010. Penyumbang utama adalah: -

Madam Khoo Lay Kee (<i>isteri Mendiang Ir. Wong Kin Hong, Yang Dipertua IEM lalu</i>)	RM 100,000
Ceramah Petang IEM	RM 48,200
Firma Swasta	RM 21,000
Ahli IEM	RM 148,711

Ucapan penghargaan dirakamkan bagi semua penyumbang khususnya kepada Y.Bhg. Academician Dato' Ir. Lee Yee Chong (D.Hon. F00220) dan Y.B. Dato 'Ir. Donald Lim Siang Chai (M05380) atas sumbangan dan bantuan mereka.

- 5.10 MAT mengambil maklum bahawa pemasangan lif untuk Wisma IEM serta kerja menaiktaraf dan memodenkan lif diBangunan Ingenieur akan dijalankan secepat mungkin. Ucapan penghargaan telah dirakamkan bagi Ir. Dr Ooi Teik Aun, Ir. Piau Ngi dan Y.Bhg. Dato' Ir. Andy Seo Kian Haw kerana sumbangan masa dan kepakaran mereka dalam rekabentuk, tender dan proses rundingan untuk pemasangan lif baru dan kerja-kerja menaik taraf lif yang lama.

Y.Bhg. Dato' Yang Dipertua seterusnya menjemput ahli untuk mengemukakan soalan.

5.11 Sesi Soalan - Akuan

- 5.11.1 Ir. Yap Soon Hoe (F04086) mengulas bahawa pendapatan sewa Wisma IEM sebanyak 26% sepatutnya tidak digabungkan dalam laporan. Tambahan pula, IEM masih membayar faedah pinjaman sebanyak 15%. Oleh itu, adalah dicadangkan bahawa kedua-dua perkara tersebut diasingkan agar dapat memberi gambaran yang lebih jelas tentang status kewangan Wisma IEM. Beliau juga merujuk kepada soalan beliau tahun lepas agar menanda aras emolumen kakitangan dengan institusi lain seperti yang dinyatakan dalam minit MAT yang lalu.

Ir. Prof. Dr Jeffrey Chiang Choong Luin (M20286) memaklumkan bahawa satu kaji selidik telah dijalankan pada tahun 2009 untuk emolumen staf dengan pelbagai badan profesional yang lain seperti Majlis Peguam dan Institut Akauntan Malaysia (MIA). Adalah didapati bahawa emolumen staf Majlis Peguam adalah 61% manakala MIA adalah 41% daripada jumlah keseluruhan perbelanjaan. Ir. Prof. Dr Jeffrey Chiang Choong Luin seterusnya memaklumkan bahawa daripada kajian ini, emolumen staf IEM sebanyak 39% masih boleh diterima.

Ir. Yap Soon Hoe (F04086) bertanya samaada ini telah mengambil kira bilangan ahli Majlis Peguam memandangkan ahli IEM adalah lebih ramai. Ir. Prof. Dr Jeffrey Chiang Choong Luin terus menjelaskan bahawa nisbah staf ke pada ahli bagi pelbagai badan adalah; 1:480 bagi Majlis Peguam, 1:320 bagi MIA dan 1:456 bagi IEM. Oleh itu, dari segi bilangan staf yang berkhidmat kepada ahli, kedudukan IEM adalah berpatutan berbanding dengan yang lain.

- 5.11.2 Ir. Tham Kum Weng (F01513) telah menarik perhatian bahawa jumlah pendapatan sebanyak RM4.7 million yang dinyatakan dalam laporan Bendahari Kehormat tidak digambarkan dalam carta paidi muka surat 145 dan 146. Beliau seterusnya mengulas bahawa pembentangan maklumat agak mengelirukan oleh kerana carta pai pendapatan bagi tahun 2010 adalah di bahagian atas muka surat mana kala carta pai perbelanjaan pula terletak di bahagian bawah muka surat seterusnya. Beliau mencadangkan agar pada masa akan datang, carta pai harus berada di dua muka surat yang bertentangan supaya dapat memberikan gambaran yang lebih jelas mengenai pendapatan dan perbelanjaan IEM bagi tahun-tahun berkenaan. Namun begitu, beliau tetap mengucapkan tahniah kepada IEM Training Centre kerana mampu menjana pendapatan yang baik tahun lalu.



Y.Bhg. Dato' Yang Dipertua kemudian menjelaskan bahawa jumlah RM4.7 juta adalah gabungan jumlah pendapatan sebanyak RM4,432,835 (Yuran tahunan dan pendapatan lain) seperti pada halaman 128, dengan Lebih daripada Perkhidmatan Institusi sebanyak RM317,029 yang menjadikan jumlahnya sebanyak RM4,749,864.

- 5.11.3 Ir. Awangku Hidup bin Awangku Hosain (M03053) mengulas bahawa pendapatan yang dijana bagi tahun lepas adalah lebih baik daripada tahun sebelumnya. Beliau mencadangkan agar IEM menganjurkan lebih banyak aktiviti bersama seperti seminar dan persidangan dengan organisasi yang lebih besar pada tahun 2011. Beliau memberi contoh organisasi yang besar seperti Telekom, Intel dan industri minyak dan gas di mana Bahagian Teknikal boleh menganjurkan aktiviti bersama dengan mereka.
- 5.11.4 Y.Bhg. Academician Dato' Ir. Lee Yee Chong (D.Hon. F00220) bertanya tentang baki belum berbayar pinjaman untuk Wisma IEM. Dato' Yang Dipertua memaklumkan bahawa IEM telah membuat pinjaman sebanyak RM12.15 juta daripada bank dan baki belum berbayar semasa adalah kira-kira RM8.6 juta.

Memandangkan tidak ada soalan lagi daripada ahli, Ir. C.M. Mohamed Aboobucker (M13942) mencadangkan Penyata Akaun IEM bagi tahun berakhir 31 Disember 2010 disahkan. Cadangan telah disokong oleh Ir. Gunasagaran a/l Kristnan (M08612). MAT kemudian mengesahkan Laporan Kewangan berkenaan.

Y.Bhg. Dato' yang Dipertua seterusnya untuk menjemput Ir. Prof. Dr Jeffrey Chiang Choong Luin untuk membentangkan Akaun Dana Pendidikan dari mukasurat 147 hingga 153.

5.12 Akuan Dana Pendidikan bagi tahun berakhir 31 Disember 2010

- 5.12.1 Ir. Prof. Dr Jeffrey Chiang Choong Luin melaporkan bahawa derma yang diterima bagi tahun 2010 adalah RM54,210 berbanding RM45,429 pada tahun 2009. Faedah yang diperoleh untuk Deposit Tetap (FD) adalah RM20,062 berbanding RM32,459 pada tahun 2009 memandangkan terdapat penurunan dalam kada faedah.

MAT juga dimaklumkan bahawa jumlah penajaan yang dibayar bagi tahun 2010 adalah sebanyak RM43,384 berbanding RM102,255 pada tahun 2009. Ini adalah disebabkan penajaan sebanyak RM64,000 untuk Persidangan Antarabangsa Pendidikan Kejuruteraan (ICEE) yang telah diadakan di Kuching, Sarawak pada tahun 2009.

Pembayaran biasiswa telah dikekalkan bagi penerima berikut: -

Malaysian Association for the Blind	RM6,000
Erni Syuhuda (UTM)	RM4,500
Mohd. Khairul (UiTM)	RM4,500
Mohd. Hafiszan (UiTM)	RM4,500
Tan Yong Woi (UPM)	RM4,500
Tang Han Seng (UM)	RM4,500

Prestasi keseluruhan adalah defisit sebanyak RM25,730 selaras dengan peraturan perbelanjaan yang ditetapkan oleh Lembaga Hasil Dalam Negeri, dimana IEM perlu membelanjakan sekurang-kurangnya 50% dari dana terkumpul pada tahun sebelumnya bagi memenuhi syarat pengecualian cukai Dana Pendidikan. Bendahari Kehormat menjelaskan bahawa Dana Pendidikan perlu menunjukkan defisit supaya mematuhi kehendak LHDN.

- 5.12.2 Ir. C. M. Mohamed Aboobucker (M13942) menyoal tentang yuran Juruaudit sebanyak RM2000 yang pada pandangan beliau adalah sangat tinggi bagi penyediaan Penyata (Akaun Dana Pendidikan) yang mengandungi beberapa muka surat sahaja dan beliau ingin tahu berapa yuran juruaudit yang dibayar bagi Akaun Utama IEM.

Ir. Prof. Dr Jeffrey Chiang Choong Luin menjelaskan bahawa yuran Juruaudit untuk Akuan Utama IEM bagi tahun 2010 adalah RM24,000. Y.Bhg. Dato' Yang Dipertua menjelaskan bahawa ia adalah munasabah mengikut kadar pasaran yuran profesional.

Memandangkan tiada lagi soalan, Ir. Yam Teong Sian (F05613) mencadangkan bahawa akaun Dana Pendidikan disahkan. Cadangan telah disokong oleh Ir. Runny Poh (M09702). MAT sebulat suaramengesahkan akaun seperti dibentangkan.

6.0 HAL – HAL LAIN

Y.Bhg. Dato' Yang Dipertua menjemput MAT untuk membangkitkan sebarang isu kerana tidak ada notis rasmi yang dikemukakan bagi perbincangan di bawah perkara ini.

6.1 Keahlian Pelajar

Ir. Allen Cheong Loong Kwong (M11815) bertanya samaada Ahli Pelajar diberi majalah Jurutera. Y.Bhg. Dato' Yang Dipertua memaklumkan bahawa kos yang agak tinggi menjadi sebab untuk Majlis memutuskan penghantaran majalah tersebut hanya kepada Seksyen Pelajar IEM di universiti-universiti berkenaan.

MAT juga telah dimaklumkan bahawa UTM telah memberi izin bagi sebuah bangunan digunakan sebagai Sekretariat Cawangan Selatan bagi tempoh (5) tahun. Ia diharap dapat menggalakkan lebih ramai pelajar dan juga kakitangan universiti untuk terlibat dalam aktiviti IEM. Adalah diambil maklum bahawa ini merupakan satu cara untuk mempromosi IEM bagi mengekalkan keahlian pelajar.



Ir. Allen Cheong Loong Kwong (M11815) menyoal tentang anugerah kepada pelajar yang cemerlang dalam SPM dan STPM tetapi tiada untuk PMR dan UPSR. Y.Bhg. Dato' Yang Dipertua menjelaskan bahawa kemampuan Dana Pendidikan adalah terhad. Bagaimanapun, beliau bersetuju bahawa Jawatankuasa Dana Pendidikan IEM boleh meneliti perkara ini. Selain itu, perlu juga untuk melihat kemampuan dana kerana apa bila dilaksanakan, ia akan menjadi satu aktiviti yang berterusan.

Ir. Allen Cheong Loong Kwong (M11815) seterusnya bertanya mengapa perbelanjaan anugerah tersebut tidak tercatat dalam Dana Pendidikan. Y.Bhg. Dato' Yang Dipertua menjelaskan bahawa perbelanjaan tersebut menggunakan dana dari Akaun Utama dibawah Jawatankuasa Tetap Kebajikan dan Hal Ehwal Perkhidmatan dan bukan dari Dana Pendidikan memandangkan Dana Pendidikan adalah khusus untuk universiti-universiti.

Ir. C.M. Mohamed Aboobucker (M13942) menyoal mengenai Seksyen 4.2 Perlembagaan dan Undang-Undang Kecil IEM di muka surat 9 dan 10 berkenaan yuran untuk kategori gred keahlian yang berbeza. Beliau mencadangkan agar Majlis membuat pertimbangan mengurangkan yuran tahunan kepada RM60.00 bagi pesara dan ahli yang berumur 60 tahun ke atas.

Y.Bhg. Dato' Yang Dipertua kemudian membacakan Seksyen 4.7 di muka surat 10 Undang-Undang Kecil IEM mengenai "Pembayaran Yuran Tahunan" dimana ahli-ahli yang berumur 65 tahun dan telah membayar yuran tahunan selama 25 tahun akan dikecualikan daripada membayar yuran tahunan. Beliau juga menambah bahawa Dana Ihsan adalah disediakan untuk membantu ahli di mana mereka tidak perlu membayar yuran tahunan sepenuhnya melalui Skim Jurutera Wargamas.

7.0 PENGUMUMAN KEPUTUSAN PEMILIHAN BAGI MAJLIS SESI 2011/2012

Y.Bhg. Dato' Yang Dipertua seterusnya menjemput Pegawai Pemilihan, Y.Bhg. Dato' Pang Leong Hoon untuk mengumumkan keputusan pemilihan bagi sesi 2011/2012.

Y.Bhg. Dato' Ir. Pang Leong Hoon memaklumkan MAT bahawa selaras dengan Seksyen 5.2 Undang-Undang Kecil IEM, Timbalan Yang Dipertua, Ir. Vincent Chen Kim Kieong akan menjawat jawatan Yang Dipertua bagi sesi 011/2012 setelah tamat tempoh jawatan Y.Bhg. Academician Dato' Ir. Prof. Dr Chuah Hean Teik sebagai Yang Dipertua.

7.1 Timbalan Yang Dipertua

Tiga (3) pencalonan telah diterima dan daripada sejumlah 47 kertas undi yang sah, Ir. Choo Kok Beng menerima undi tertinggi dan seterusnya dipilih sebagai Timbalan Yang Dipertua bagi sesi 2011/2012. Ini adalah selaras dengan Seksyen 5.3 Undang-Undang Kecil IEM.

7.2 Naib Yang Dipertua (4 kekosongan untuk 2 sesi 2011/2012 dan 2012/2013)

MAT telah dimaklumkan bahawa 8,967 kertas undi telah dihantar kepada Ahli-ahli Korporat untuk lain-lain jawatan kosong pada 1 Mac 2011. Daripada jumlah ini, hanya 1,636 kertas undi telah diterima. Empat (4) calon yang berjaya untuk jawatan Naib Yang Dipertua ialah:

1. Ir. P.E. Chong
2. Y.Bhg. Dato' Ir. Lim Chow Hock
3. Ir. Prof. Dr Wan Mahmood bin Wan Abdul Majid
4. Ir. Yim Hon Wa

7.3 Setiausaha Kehormat (1 kekosongan untuk sesi 2011/2012)

Terdapat dua (2) calon dan calon yang berjaya adalah Ir. Prof. Dr Lee Teang Shui.

7.4 Bendahari Kehormat (1 kekosongan untuk sesi 2011/2012)

Tidak ada calon untuk jawatan ini. Oleh itu, Majlis mencalonkan Ir. Prof. Dr Jeffrey Chiang Choong Luin sebagai menang tanpa bertanding bagi jawatan Bendahari Kehormat selama satu sesi.

7.5 Ahli Majlis – Wakil Awam (1 kekosongan untuk sesi 2011/2012, 2012/2013 dan 2013/2014)

Y.Bhg. Dato' Ir. Pang Leong Hoon memaklumkan MAT bahawa tidak ada pencalonan untuk jawatan ini. Majlis telah memilih Ir. Gunasagaran Kristnan untuk mengisi jawatan Ahli Majlis-Wakil Disiplin Awam.

7.6 Ahli Majlis – Wakil Elektrikal (1 kekosongan untuk sesi 2011/2012, 2012/2013 dan 2013/2014)

Dua (2) pencalonan telah diterima dan Ir. Mohd. Aman Hj. Idris yang mendapat undi tertinggi telah dipilih untuk jawatan Ahli Majlis – Wakil Disiplin Elektrik.

7.7 Ahli Majlis – Wakil Mekanikal (1 kekosongan untuk sesi 2011/2012, 2012/2013 dan 2013/2014)

Dua (2) pencalonan telah diterima untuk kekosongan di atas dan calon yang berjaya, Y.Bhg. Dato' Ir. Ismail bin Samion telah dipilih untuk jawatan Ahli Majlis – Wakil Disiplin Mekanikal.

7.8 Ahli Majlis – Wakil Struktur (1 kekosongan untuk sesi 2011/2012, 2012/2013 dan 2013/2014)

Tiada pencalonan diterima untuk jawatan di atas. Oleh itu, Majlis memilih Ir. Yam Teong Sian sebagai Ahli Majlis – Wakil Struktur.



7.9 Ahli Majlis – Wakil Multimedia (1 kekosongan untuk sesi 2011/2012,2012/2013 dan 2013/2014)

Juga tiada pencalonan diterima untuk jawatan di atas. MAT mengambil maklum bahawa Majlis telah memilih Ir. Noor Iziddin Abdullah bin Mohd Ghazali sebagai Ahli Majlis – Wakil Multimedia.

7.10 Ahli Majlis – Wakil Biasa (6 kekosongan untuk tiga sesi 2011/2012,2012/2013 dan 2013/2014)

Y.Bhg. Dato' Ir. Pang Leong Hoon meneruskan laporan bahawa 15 pencalonan telah diterima untuk enam (6) kekosongan. Enam (6) calon berikut dengan undi tertinggi telah dipilih untuk jawatan Ahli Majlis–Wakil Biasa untuk tiga (3) sesi 2011/2012, 2012/2013 dan 2013/2014.

1. Ir. Dr Tan Kuang Leong
2. Ir. June Lau Yuk Ma
3. Ir. Dr Norlida bt. Bunyamin
4. Ir. Ishak bin Abdul Rahman
5. Ir. Hoo Choon Sean
6. Y.Bhg. Dato' Ir. Samsuddin bin Ismail

7.11 Proses Pilihan Raya mengambil masa kira-kira tiga (3) bulan dan jumlah kos ialah RM18,447.25 tidak termasuk kos kakitangan.

7.12 Y.Bhg. Dato' Ir. Pang Leong Hoon kemudian mengucapkan terima kasih kepada Para Peneliti, Ir. Hj. Mohamed Ali Yusoff, Ir. S. Kukanesan, Ir. Manogaran a/l K. Ramandan, Ir. K. Gunasagaran atas sokongan mereka dan juga mengucapkan terima kasih kepada Sekretariat atas kerjasama penuh mereka. Beliau juga mengucapkan terima kasih kepada Majlis kerana melantiknya sebagai Pegawai Pemilihan.

7.13 MAT juga mengambil maklum mengenai statistik kertas undi yang dikembalikan dan bagi tahun 2010, kira-kira 18%. Y.Bhg. Dato' Ir. Pang Leong Hoon kemudiannya membentangkan kepada MAT sampel kertas undi yang rosak atau undi tidak di terima.

Y.Bhg. Dato' Yang Dipertua kemudian mengucapkan terima kasih kepada Y.Bhg. Dato' Ir. Pang Leong Hoon diatas pembentangannya dan mengucapkan tahniah kepada Pemegang Jawatan yang baru dipilih.

8.0 MANTAN –MANTAN YANG DIPERTUA YANG DIPILIH BERKHIDMAT DALAM MAJLIS

8.1 Dato' Yang Dipertua memberitahu MAT bahawa Majlis telah menjemput lima (5) orang Mantan-Mantan Yang Dipertua untuk berkhidmat dalam Majlis dan mereka telah menerima jemputan tersebut:

1. Y. Bhg. Dato' Ir. Pang Leong Hoon
2. Y. Bhg. Academician Datuk Ir. (Dr) Hj. Ahmad Zaidee bin Laidin
3. Y. Bhg. Dato' Paduka Ir. Prof (Dr) Hj. Keizrul bin Abdullah
4. Ir. Dr Gue See Sew
5. Y. Bhg. Datuk Ir. Prof. Dr Ow Chee Sheng

9.0 PENYAMPAIAN CENDERAHATI KEPADA AHLI MAJLIS YANG BERSARA

9.1 Y.Bhg. Dato' Yang Dipertua mengucapkan terima kasih kepada Ahli Majlis yang bersara daripada jawatan bagi sesi 2010/2011 dan menjemput mereka untuk menerima cenderahati tanda penghargaan.

10.0 SIJIL PENGHARGAAN KEPADA IR. ALLEN CHEONG LOONG KWONG

10.1 Ir. Allen Cheong Loong Kwong (M11815) dikurniakan sijil penghargaan oleh Y.Bhg. Dato' Yang Dipertua kerana sumbangan beliau sebanyak RM20,020 untuk membaik pulih Perpustakaan IEM.

11.0 ANUGERAH KHIDMAT LAMA KEPADA STAF

11.1 Y.Bhg. Dato' Yang Dipertua kemudian menyampaikan Anugerah Khidmat Lama kepada Pn. Halimah bt. Musa dan Cik Ooi Beng Ean di atas perkhidmatan masing-masing selama 15 dan 35 tahun.

Mereka menerima cek dan sijil penghargaan.

12.0 PENYERAHAN KALUNG JAWATAN

12.1 Pengarah Eksekutif menjemput Yang Dipertua yang baru dipilih, Ir. Vincent Chen Kim Kieong ke atas pentas untuk menerima penyerahan kalung jawatan dari Y.Bhg. Dato' Yang Dipertua.

13.0 PERTUKARAN PEMEGANG JAWATAN

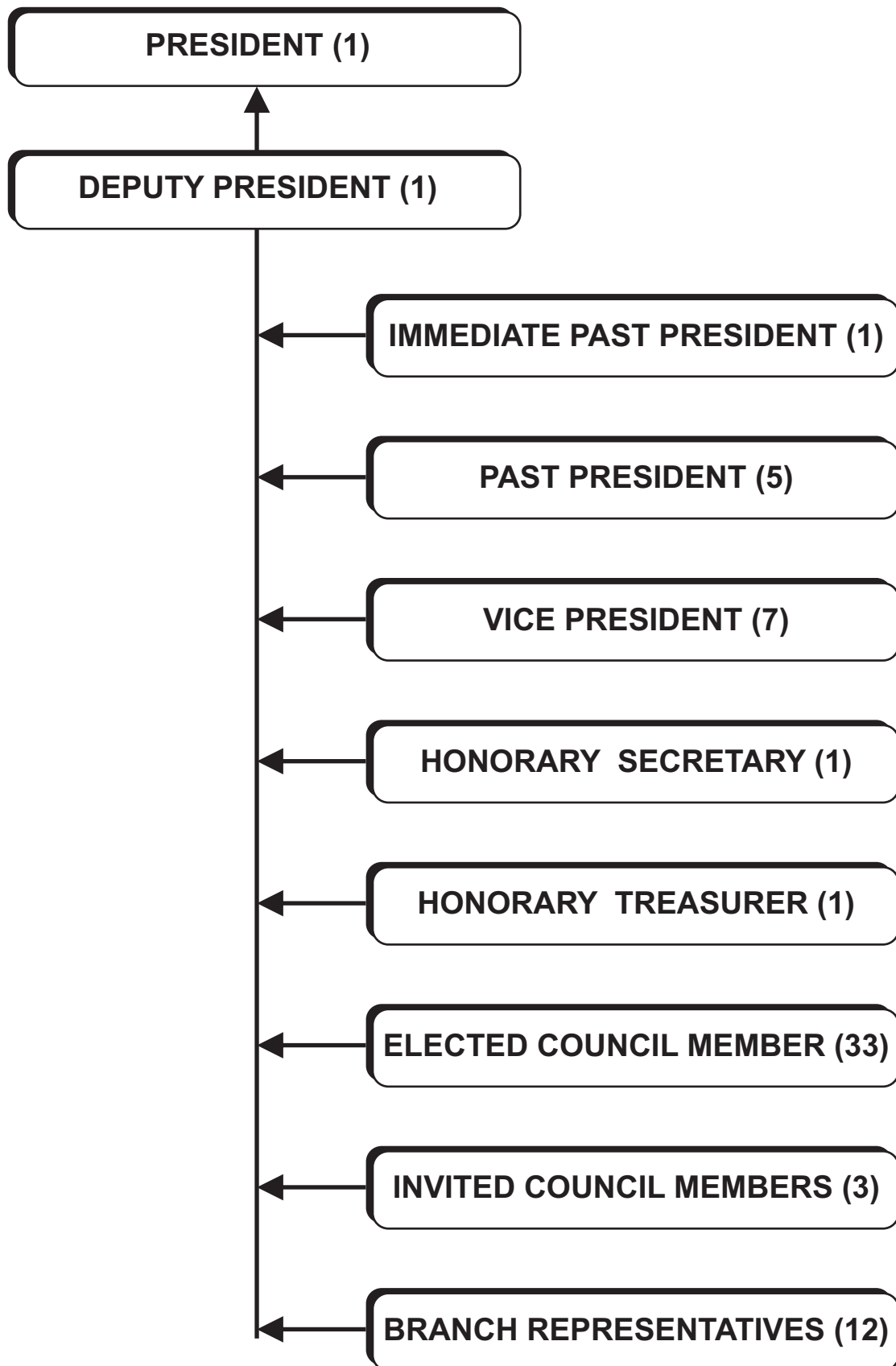
13.1 Pengarah Eksekutif menemput semua Pemegang Jawatan termasuk Ahli-ahli Majlis yang baru dipilih untuk mengambil tempat duduk masing-masing dipodium dan pada masa yang sama mengucapkan terima kasih kepada semua mantan Pemegang Jawatan di atas sumbangan dan sokongan mereka sepanjang sesi yang lalu. Ahli-ahli yang masih berkhidmat untuk sesi akan datang telah diminta untuk kekal duduk ditempat masing-masing.



- 13.2 Yang Dipertua yang baru Ir. Vincent Chen Kim Kieong kemudian menjemput Y.Bhg. Academician Dato' Ir. Prof. Dr Chuah Hean Teik untuk berkhidmat sebagai Mantan Yang Dipertua Terkini untuk sesi 2011/2012.
- 14.0 PEMILIHAN JURUAUDIT DALAMAN KEHORMAT**
- 14.1 Y.Bhg. Yang Dipertua kemudian meneruskan dengan meminta pencalonan untuk jawatan Juruaudit Dalaman Kehormat. Ir. Awangku Hidup Awangku bin Hosain dan Ir. Prof. Madya Dr Siti Hawa bt. Hamzah telah dipilih secara sebulat suara sebagai Juruaudit Dalaman Kehormat bagi sesi 2011/2012.
- 15.0 PELANTIKAN JURUAUDIT LUAR**
- 15.1 Y.Bhg. Yang Dipertua memaklumkan MAT bahawa Majlis telah mengesyorkan pelantikan PKF Malaysia sebagai Juruaudit Luar untuk 2011/2012. MAT seterusnya dimaklumkan bahawa Anthony Skelchy & Co telah dikekalkan sebagai Akauntan untuk sesi 2011/2012. MAT sebulat suara menerima kedua-dua pelantikan.
- 16.0 UCAPAN YANG DIPERTUA 2010/2011**
- 16.1 Y.Bhg. Yang Dipertua kemudiannya telah dijemput untuk menyampaikan Ucapan Yang Dipertua 2011 bertajuk "Peralihan Gear".
- 17.0 PENANGGUHAN MESYUARAT AGUNG TAHUNAN KE-52 TAHUN 2011**
- 17.1 Y. Bhg. Yang Dipertua mengisytiharkan penangguhan MAT ke-52 pada jam 12.10 tengahari. Y. Bhg. Yang Dipertua mengingatkan semua ahli bahawa Majlis Makan Malam Tahunan akan diadakan di Marriott Hotel, Putrajaya. Beliau kemudian mengucapkan terima kasih kepada ahli diatas kehadiran dan sokongan mereka dan berharap untuk berjumpa mereka di tahun depan.

Ir. Vincent Chen Kim Kieong
Yang Dipertua

Ir. Prof Dr Lee Teang Shui
Setiausaha Kehormat





First Row (Seated) (L to R)

Ir. Prof. Dr Jeffrey Chiang Choong Luin (Honorary Treasurer), Ir. Prof. Dr Lee Teang Shui (Honorary Secretary), Y. Bhg. Academician Dato' Ir. (Dr) Hj. Ahmad Zaidee bin Laidin (Past President), Y. Bhg. Dato' Ir. Pang Leong Hoon (Past President), Ir. Dr Gue See Sew (Past President), Y. Bhg. Datuk Ir. Ow Chee Sheng (Past President), Ir. Choo Kok Beng (Deputy President), Ir. Vincent Chen Kim Kieong (President), Y. Bhg. Academician Dato' Ir. Prof. Dr Chuah Hean Teik (Immediate Past President), Ir. P. E. Chong (Vice President), Ir. Prof. Dr Wan Mahmood bin Wan Abdul Majid (Vice President), Ir. Yim Hon Wa (Vice President), Ir. Prof. Dr. Ruslan bin Hassan (Vice President), Ir. Lee Weng Onn (Vice President), Y. Bhg. Dato' Ir. Hj. Abdul Rashid bin Maidin (Vice President).

Second Row (L to R)

Ir. David Lai Kong Phooi, Ir. Hoo Choon Sean, Y. Bhg. Dato' Ir. Hj. Mohd. Isa bin Hj. Sarman, Ir. Mohammed Noor bin Abu Hassan (Negeri Sembilan Branch Chairman), Ir. Dr Norlida binti Bunyamin, Ir. Wong Chee Fui, Ir. Mohd Aman bin Hj. Idris (Electrical Representative), Ir. Mohd. Azmi bin Ali (Terengganu Branch Chairman), Ir. Tuan Hj. Mohd. Ali bin Yusoff, Ir. Dr Ahmad Anuar bin Othman, Ir. Abdullah bin Isnin (Appointed Council Member), Ir. Gunasagaran a/l Kristnan (Civil Representative), Y. Bhg. Dato' First Admiral (R) Ir. Hj. Ahmad Murad bin Hj. Omar, Ir. Zainuddin bin Mohammad.

Third Row (L to R)

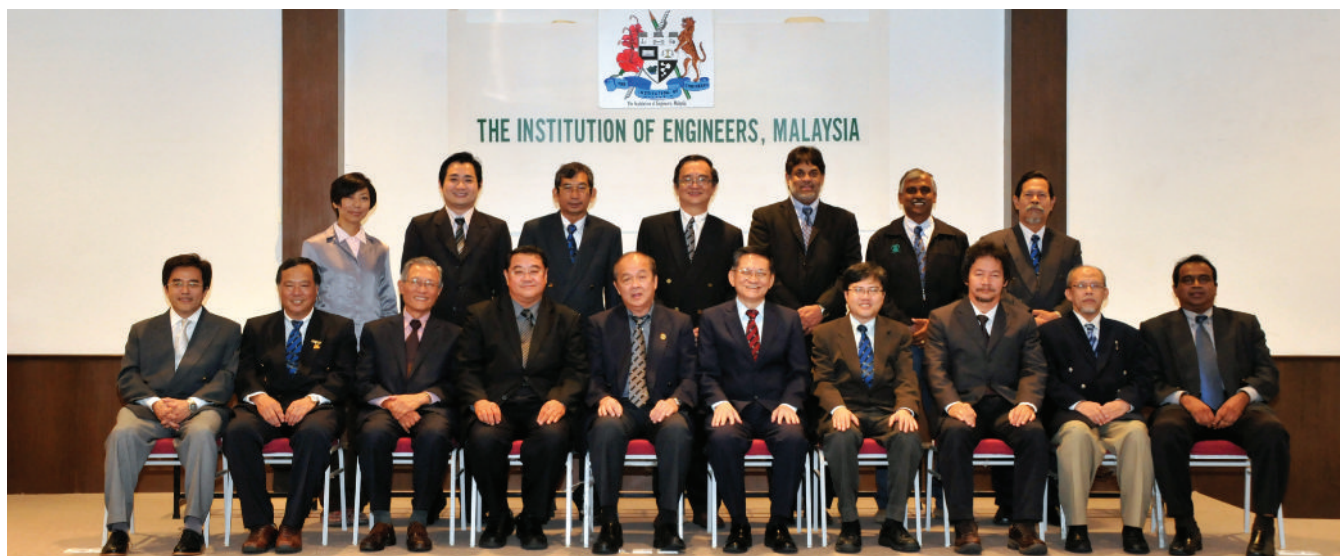
Ir. Gopal a/l Narian Kutty, Ir. June Lau Yuk Ma, Ir. Prof. Ishak bin Abdul Rahman, Y. Bhg. Dato' Lt. Gen (R) Ir. Hj. Ismail bin Samion (Mechanical Representative), Ir. Razmahwata bin Mohd. Razalli (Chemical and Others Representative), Ir. Noor Iziddin Abdullah bin Hj. Ghazali (Multimedia Representative), Ir. Mohd. Khir bin Muhammad (Southern Branch Chairman), Ir. Goh Soon Boon (Miri Branch Chairman), Ir. Chan Hoong Mun, Ir. Lo Chong Chiun (Sabah Branch Chairman).

Fourth Row (L to R)

Ir. Ng Sin Chie (Penang Branch Chairman), Engr. Shuhairy bin Norhisham (YES), Ir. Dr Tan Chee Fai (Melaka Branch Honorary Secretary), Ir. Kok Yen Kwan, Ir. Yau Chau Fong, Ir. Assoc. Prof. Dr Cheong Kuan Yew (Representative of Other Disciplines), Ir. David Ng Shiu Yuen, Ir. Yam Teong Sian (Structural Representative), Y. Bhg. Dato' Ir. Samsuddin bin Ismail, Ir. Assoc. Prof. Dr Marlinda binti Ab. Malek, Ir. Molly Sim Lim Hong (Miri Branch Vice Chairman II), Ir. Mah Soo, Ir. Zulkeflee bin Khalidin (Pahang Representative).

Not in Picture

Y. Bhg. Dato' Ir. Lim Chow Hock (Vice President), Y. Bhg. Dato' Paduka Prof. (Dr) Ir. Hj. Keizrul bin Abdullah (Past President), Y. Bhg. Dato' Ir. John Chee Shi Tong, Ir. Tan Yean Chin, Ir. Yee Yew Weng, Ir. Kim Kek Seong, Ir. Roslan bin Abd. Azis (Pahang Branch Chairman), Ir. Alan Tan Khiok Chun (Sarawak Branch Chairman), Ir. Chong Chew Fan, Ir. Dr Tan Kuan Leong, Y. Bhg. Dato' Ir. Mohamad bin Hj. Husin (Appointed Council Member), Ir. Mohd. Khalid bin Nasir (Melaka Branch Chairman), Ir. Abdul Ghani bin Hashim (Appointed Council Member), Ir. Hor Tek Lip (Kedah-Perlis Branch), Engr. Wong Yoke Mei (YES).

**First Row (Seated) (L to R)**

Ir. Lee Weng Onn (Vice President), Ir. Yim Hon Wa (Vice President), Ir. P.E. Chong (Vice President), Ir. Prof. Dr. Lee Teang Shui (Honorary Secretary), Ir. Choo Kok Beng (Deputy President), Ir. Vincent Chen Kim Kieong (President), Ir. Prof. Dr Jeffrey Chiang Choong Luin (Honorary Treasurer), Ir. Prof. Dr. Ruslan bin Hassan (Vice President), Ir. Prof. Dr Wan Mahmood bin Wan Abdul Majid (Vice President), Y. Bhg. Dato' Ir. Hj. Abdul Rashid bin Maidin (Vice President).

Second Row (L to R)

Ir. June Lau Yuk Ma, Ir. Yau Chau Fong, Ir. Mohd. Aman bin Hj. Idris, Ir. Ong Ching Loon, Ir. Gopal a/l Narian Kutty, Ir. Gunasagaran a/l Kristnan, Ir. Prof. Ishak bin Abdul Rahman.

**First Row (Seated) (L to R)**

Mr. Loo Weng Soon (Senior Executive), Puan Nor Aziah binti Budin (Manager), Ir. Cheang Kok Meng (Executive Director), Ir. Prof. Dr. Lee Teang Shui (Honorary Secretary), Ir. Choo Kok Beng (Deputy President), Ir. Vincent Chen Kim Kieong (President), Ir. Prof. Dr Jeffrey Chiang Choong Luin (Honorary Treasurer), Ms. B. E. Ooi (Chief Administrative Officer), Ms. Janet Lim Kwai Cheng (Deputy Chief Administrative Officer), Mdm. Sarita a/p Kaur (Manager), En. Ahmad Tarmizi bin Abu Ariffin (Senior Executive).

Second Row (L to R)

En. Abdullah bin Anda, Mdm. Malathy a/p Ramasandaran, Puan Fatimah binti Mohd. Abdul Kadzar, Puan Ruhaida binti Daud, Mdm. Kek Mei Tzy, Ms. Pamela Jitab, Puan Norimah binti Hashim, Cik Nurul Khairiah binti Abd. Rahman, Puan Ainul Azraina binti Ainul Adnan, Puan Norsyafawati binti Ahmad Termizi, Mdm. Eunice Yap Kwai Heng, Puan Nurul Aida binti Mustafa, Puan Jamaliah binti Zainudin, En. Norazmi bin Abdul Mokti.

Third Row (L to R)

Puan Zaiton binti Ibrahim, Ms. Nur Farahin binti Abdul Malek, Cik Syafini binti A. Rahman, Ms. Jacquelyn Ong Lian Wah En. Anda Lesmana bin Bachtiar, Mr. Tiri Murugan a/l Odayan, Mr. Lum Kai Hou, Ms. Kalaivani a/p Annamalai, Puan Halimah binti Musa, Cik Nor Hidayah binti Mohd. Jaini, Mdm. Prema a/p Silvarajan, Ms. Heymala a/p Kunasagaran.

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En. Yunordin bin Morere







MEMBERS OF THE INSTITUTION

THE COUNCIL

THE EXECUTIVE COMMITTEE

- IEM Awards Committee
- Special Committee on Amendments to IEM Constitution and Bylaws
- IEM/IES Liaison Committee
- Branding and Repositioning
- Secretariat Improvement
- BIPC Joint Consultative Committee
- IEM Strategic Plan
- IEM Position Paper
- Representation to BEM
- Branches Affairs
- IEM Education Fund Management Board
- ISO Management Review Committee
- Monitoring Affairs of IEM Training Centre
- Monitoring of SSCDF

Standing Committee on FINANCE

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

Standing Committee on QUALIFICATIONS AND ADMISSIONS

- Membership Drive
- Fellow Admission
- Admissions/ Transfer/ Elections
- Membership Application Board
- Career Guidance
- Career Advisors
- Education Bureau
- Accreditation Board
- EAC Representation
- ASEAN Engineers Register (Admissions & Registrations)
- IPE/ APEC (Admissions & Registrations)

Standing Committee on EXAMINATIONS AND TRAINING

- Professional Interview
- Practical Training
- Log Book Scheme
- Continuing Education Development
- Continuing Professional Development
- Liason with BEM
- IEM/ BEM Graduate Examinations
- Board of Examiners
- Evaluation of Diploma from Local Colleges

Standing Committee on INFORMATION AND PUBLICATIONS

- Bulletin (Monthly)
- Journal (Quarterly)
- Editorial Board
- Library
- IEM Directory
- Internal/ Electronics Communications
- Homepage/ Website
- Readership Survey
- IEM Book Project
- Other Publications/ Proceedings IEM

Standing Committee on ACTIVITIES

- Annual Dinner
- Golf Competition
- Seminars/ Conferences
- Technical Courses
- Social/ Sports
- Talks/ Lectures/ Visits
- Donations, Sponsorship and Fund Raising for activities
- IEM Souvenirs
- Co-ordination of Technical Division's Activities
- Co-ordination of Branches' Activities

Standing Committee on WELFARE & SERVICE MATTERS

- Engineering Week
- Women Engineers
- Jurutera Wargamas
- Insurance and Affinity Programme
- Members Welfare and Benefits
- Members Retrenchment
- Term Ing/ Jurutera
- Employment Survey
- Health and Exercise
- Social and Fellowship Matters
- Benevolent Fund
- Public Lecture
- Family Day
- Webportal
- Advertisement

Standing Committee on PROFESSIONAL PRACTICE

- Conditions of Contract
- Uniform Building Bylaws
- Fire Advisory Board
- Nomination/ Appointment of Arbitrators
- Dispute Resolution Matters
- Representatives to Outside Bodies
- Screening Complaints on Engineering Matters
- Standard Writing Organisation
- Review of the Registration of Engineers Act
- Investigation on Professional Conduct
- The Engineering Hall of Fame
- ASEAN Alternative Dispute Resolution
- MDR for Engineering Disputes for Malaysia and ASEAN

Standing Committee on CORPORATE AFFAIRS

- Public Relations & Communications
- International Participation
- AFEO Secretariat
- FEIAP Secretariat
- Pro-ETI Bureau
- Special Projects
- Press & Publicity
- ASEAN Engineers Register Commission
- IPE/ APEC Register Monitoring Committee
- MOUs
- Disaster and Eradication on Property Programmes
- Overseas Liaison and courtesy visits.
- Representation in

GRADUATE & STUDENT SECTION (Young Engineers Section)

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

SPECIAL INTEREST GROUPS

- Information Technology
- Consulting Engineering
- Public Sector Engineers

TECHNICAL DIVISIONS

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

IEM BRANCHES

- Manufacturing
- Environmental
- Highway & Transportation
- Engineering Education
- Agricultural & Food
- Tunnelling & Underground Space
- Project Management
- Electronic
- Penang
- Southern
- Sabah
- Sarawak
- Perak
- Melaka
- Negeri Sembilan
- Miri
- Kedah/ Perlis
- Terengganu
- Pahang
- Kelantan



1 INTRODUCTION

- 1.1 It is with great pleasure that I present to you the 53rd Annual Report for session 2011/2012 covering the period 19 April 2011 until 31 March 2012.

2 MEMBERSHIP

- 2.1 The membership of the Institution as at 24 March 2012 now stands at 48,641 and with active member 23,890.

Comparative figures of the last five years are as follows:

Grade	2008	2009	2010	2011	2012
Distinguished Hon. Fellow	1	1	1	2	2
Hon. Fellow	14	18	17	16	16
Hon. Member	0	1	0	0	1
Fellow	702	706	709	721	710
Member	7,732	8,199	8,484	8,721	8,822
Graduate	5,849	6,178	6,857	7,284	7,615
Incorporated	9	16	22	31	42
Affiliate	16	15	16	18	18
Associate	9	13	16	17	18
Student	2,457	6,476	6,852	6,489	6,950
Total	16,789	21,623	22,974	23,309	24,194

- 2.2 Breakdown by discipline is as follows :

Discipline	D. Hon. Fellow	Hon. Fellow	Hon. Member	Fellow	Member	Graduate	Incorporated	Affiliate	Associate	Student	TOTAL
Aeronautical	0	1	0	1	10	17	0	0	0	6	35
Aerospace	0	0	0	0	4	16	0	0	0	56	76
Agricultural	0	0	0	4	29	42	0	0	0	4	79
Architectural	0	0	0	0	2	1	0	0	0	0	3
Automotive	0	0	0	0	0	2	0	0	0	0	2
Biochemical	0	0	0	0	0	4	0	0	0	10	14
Biology and Agricultural	0	0	0	0	0	1	0	0	0	0	1
Biomedical	0	0	0	0	0	10	0	0	0	64	74
Biotechnology	0	0	0	0	0	2	0	0	0	0	2
Building	0	0	0	0	1	1	1	0	0	1	4
Building Services	0	0	0	0	6	2	0	0	1	0	9
CAD/CAM	0	0	0	0	0	6	0	0	0	0	6
Chemical	0	0	0	15	216	450	1	0	0	728	1410
Civil	0	3	0	418	4950	3284	12	6	7	1755	10435
Civil and Structural	0	0	0	0	0	1	0	0	0	0	1
Communication	0	0	0	1	5	11	0	0	0	3	20
Computer	0	0	0	0	3	24	0	0	0	15	42
Computer and Communication	0	0	0	0	4	4	0	0	0	1	9
Computer System	0	0	0	0	1	0	0	0	0	0	1



Discipline	D. Hon. Fellow	Hon. Fellow	Hon. Member	Fellow	Member	Graduate	Incorporated	Affiliate	Associate	Student	TOTAL
Construction	0	0	0	0	0	4	0	0	0	2	6
Electrical	2	4	0	131	1643	1204	8	1	3	808	3804
Electrical and Electronic	0	0	0	0	0	2	0	0	0	17	19
Electromechanical	0	0	0	0	4	0	0	0	0	0	4
Electronic	0	0	0	4	157	596	6	0	2	646	1411
Electronic and Radio	0	0	0	0	1	3	0	0	0	0	4
Energy	0	0	0	0	2	2	0	0	0	0	4
Environmental	0	0	0	0	3	16	1	1	0	22	43
Food and Process	0	0	0	0	2	8	0	0	0	52	62
Fuel	0	0	0	1	0	0	0	0	0	0	1
Geological	0	0	0	0	1	1	0	2	0	0	4
Geotechnical	0	0	0	1	3	2	0	1	0	0	7
Highway	0	0	0	0	1	1	0	0	0	0	2
Highway and Transportation	0	0	0	0	0	1	0	0	0	0	1
Industrial	0	0	0	0	3	17	0	0	0	3	23
Information Technology	0	0	0	0	0	1	0	0	0	0	1
Instrumentation and Control	0	0	0	0	25	4	1	0	0	1	31
Instrumentation and Systems	0	0	0	0	1	2	0	0	0	1	4
Manufacturing	0	0	0	0	11	46	0	0	0	34	91
Manufacturing Systems	0	0	0	0	0	2	0	0	0	0	2
Marine	0	0	0	0	15	6	0	0	0	3	24
Materials	0	0	0	1	9	34	0	1	0	153	198
Mechanical	0	1	0	121	1600	1666	12	5	5	2294	5704
Mechatronics	0	0	0	0	1	46	0	0	0	135	182
Metallurgy	0	0	0	1	6	1	0	0	0	0	8
Microelectronic	0	0	0	0	0	3	0	0	0	1	4
Mineral	0	0	0	0	0	0	0	0	0	25	25
Mineral Processing	0	0	0	0	1	3	0	0	0	0	4
Mineral Resources	0	0	0	0	1	17	0	0	0	30	48
Mining	0	0	0	5	26	4	0	0	0	0	35
Mining and Metallurgy	0	0	0	1	0	0	0	0	0	0	1
Municipal	0	0	0	0	1	0	0	0	0	0	1
Naval Architecture	0	0	0	0	13	3	0	0	0	0	16
Nuclear	0	0	0	1	1	1	0	0	0	0	3
Others	0	7	1	0	0	1	0	1	0	0	10
Petroleum	0	0	0	0	5	9	0	0	0	2	16
Polymer	0	0	0	0	0	3	0	0	0	64	67
Production	0	0	0	1	9	9	0	0	0	0	19
Structural	0	0	0	3	37	14	0	0	0	1	55
Telecommunication	0	0	0	0	6	4	0	0	0	13	23
Thermal	0	0	0	0	1	0	0	0	0	0	1
Water Resources		0	0	0	2	1	0	0	0	0	3
TOTAL:	2	16	1	710	8822	7615	42	18	18	6950	24194



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

Grade	Deceased	Resigned
Fellow	4	1
Member	11	17
Graduate	2	23
Student	2	5
Affiliate	0	0
Total	19	46

2.4 To date 2,075 members were in arrears of subscription for the year 2011. The total arrears in subscription for this particular year alone was recorded at RM 177,076.00. The Council would look into deleting their names from the membership register if the arrears were not settled by mid 2012.

2.5 For the session under review, a total of 146 members were reinstated. The details are as follows:

Fellow	- 0
Members	- 68
Graduates	- 77
Students	- 1

3 THE COUNCIL AND THE EXECUTIVE COMMITTEE

3.1 Five Council and thirteenth 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, AdHoc Committees and other Committees for their participation, contribution and support in the activities of the institution in 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. Choo Kok Beng is to conduct the financial management of the properties and affairs of the IEM. Regular meetings were held every 3rd Tuesday of the month.

4.2 Main Sources of Income

4.2.1 Annual Subscription

The financing of the operating expenditure of the Institution comes mainly from the collection of members' annual subscriptions which made up approximately 60% of the total annual income of the Institution.

In accordance with the Bylaws, one general notice and one reminder to members on their annual subscription is sent out by the Institution. More stringent collection has been instituted to increase the percentage of subscription income including soliciting the assistance of the Branches.

Only 72% of members had been conscientiously paying their subscriptions promptly. IEM wish to thank all members who had promptly settled their subscriptions.

However, as at the end of the financial year 2011, 6,488 members are in arrears of subscription for 2011 while another 4,897 have yet to settle their 2010 subscriptions. The outstanding collection amounted to RM 1.2 million. IEM would like to appeal to these members to settle the arrears as soon as possible.

4.2.2 Rental

Wisma IEM continued to be rented to Maktab Kerjasama Malaysia at a monthly rental of RM 81,000. 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.



4.2.3 *Activities Income*

The IEM Technical Divisions organised various 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.

4.3 *Administrative Expenses*

Concerted efforts were made to control expenditure through more effective budgetary control measures without seriously impairing the provision of Secretariat services to all grades of membership. Cost saving measures such as reminders for meeting via sms, minutes of meetings and notices via e-mail, printing a master calendar of activities each month instead of individual flyers for every activity, activities reminders via weekly email blasts, the annual report and IEM directory in CD form etc were implemented. Members are advised to update their email addresses in the MyIEM portal so as to ensure that notifications can be received promptly. This exercise had resulted in the operating expenses to be controlled.

4.3.1 *Branch Development Fund*

For the coming year, the Council had initiated a development fund which is aimed at providing financial assistance to IEM Branches for expansion. The Development Fund would cater for improvement/upgrading of facilities and office equipment especially IT facilities to enable activities from HQ to be broadcasted to the Branch for members' benefit as well as training and development of Secretariat staff in order to be able to provide better service to the members.

4.4 **ISO 9001: 2002**

The ISO Surveillance Audit by SIRIM QAS was carried out in March 2011 and re-certification was granted. Internal Audits were continuously conducted to ensure that the staff performed their duties/works in compliance to the procedures.

4.5 **Bangunan Ingenieur**

IEM is increasing its efforts to upgrade facilities at the building – many of which were there since the building was completed in 1977. One such facility was the lift. There in October 2011, approval was given for the modernisation of the lift. The modernised lift was handed over on 28 November 2011.

The Secretariat office was further improved to provide a more conducive working environment for the staff. Refurbishment of the IEM Library at the basement has been continuous.

4.6 **Wisma IEM**

Maktab Kerjasama Malaysia occupies 85% of the space at Wisma IEM while IEM maintains the remaining space to conduct activities for members. The rooms available for IEM activities are C&S Lecture Room, TUS Lecture Room and METD Room at the second floor and the Tan Sri Ir. Prof Chin Fung Kee Auditorium at the third floor.

As promised at the Annual General Meeting on 16 April 2011, the new lift at Wisma IEM was completed on 28 November 2011. The Institution would like to express its heartfelt gratitude to Ir. Dr Ooi Teik Aun, Chairman of the Consulting Engineers Special Interest Group who helped initiate the installation of the lift, Ir. Teh Piaw Ngj for his untiring efforts as the Consultant who volunteered to work on the project and last but not least, Y.Bhg. Dato' Ir. Dr Andy Seo Kian Haw who helped to obtain a very good deal for IEM.

4.7 **Task Force on Fund Raising for Wisma IEM**

This Task Force co-chaired by Y.Bhg. Datuk Wira Ir. Md. Sidek bin Ahmad and Ir. Dr Gue See Sew continued with their relentless effort in soliciting contributions for the Building Fund.

The Task Force managed to secure a few contributions for the Building Fund as follows in 2011:

Tenaga Nasional Berhad	RM100,000.00
JM Berhad	RM 50,000.00
Muhibbah Engineering (M) Sdn Bhd	RM 50,000.00
OSK Investment Bank	RM 10,000.00

For the contribution of RM 100,000 from Tenaga Nasional Berhad, IEM had accepted their request to name a room at Wisma IEM in honour of former LLN General Manager and IEM Past President, Y.Bhg. Tan Sri Datuk Ir. Abu Zarim bin Hj. Omar. The naming of the room, "Tan Sri Datuk Ir. Abu Zarim Boardroom" was officiated by Y.Bhg. Tan Sri on 19 September 2011.

For Y.Bhg. Academician Dato' Ir. Lee Yee Cheong's generously contribution of RM 150,000, the Resource Centre at the Mezzanine floor was named "Academician Dato' Ir. Lee Yee Cheong Resource Centre". The naming of the room was also officiated by Y.Bhg. Academician Dato' Ir. Lee Yee Cheong on 19 September 2011.

IEM would like to take this opportunity to thank members and various organisations who had contributed. However, we still have a long way to go to realise the dream of fully occupying our new 'HOME' (especially getting a parking space). IEM would like to therefore invite members to be part of the catalyst to realise this dream and thereafter GO INTO HISTORY AS THE DRIVERS OF IEM'S MOVE INTO THE 21ST CENTURY.



4.8 Sub Committee on Human Resources

The Sub Committee chaired by the Honorary Secretary, Ir. Prof. Dr Lee Teang Shui 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 2011, the Secretariat's staff strength is 34.

4.9 Sub Committee on IEM Infrastructure

The Sub Committee chaired by the Honorary Treasurer, Ir. Prof. Dr Jeffrey Chiang Choong Luin monitors the maintenance and renovation of Bangunan Ingenieur and Wisma IEM. The function of the Committee also covered managing the usage of the meeting rooms, security system of IEM, fire protection, electrical installations ICT computerisation and networking, general facilities etc. The audio visual facilities in various function rooms at Wisma IEM and also at the meeting rooms at Bangunan Ingenieur are to be ungraded.

5 STANDING COMMITTEE ON QUALIFICATIONS AND ADMISSIONS

5.1 This Standing Committee chaired by Ir. Yim Hon Wa played an important role in scrutinising applications from candidates for election/admission/transfer for the various grades of membership. Monthly meetings were held during the session on every 2nd Monday of each month to process membership applications and to also discuss matters relating to accreditation as well as membership drive. This Committee also worked closely with the Standing Committee on Examinations and Training to organise regular talks on career in engineering and route to MIEM as well as organising membership drive campaigns.

5.2 Up to 31 December 2011, a total of 5360 candidates were approved for election, admission and transfer to the various grades as listed below:

	2009	2010	2011
(a) Transferred to the Grade of Distinguished Hon. Fellow	-	-	-
(b) Elected to the Grade of Hon. Fellow	-	-	-
(c) Transferred to the Grade of Fellow	6	9	13
(d) Elected/Transferred to the Grade of Member	607	517	484
(e) Admitted/Transferred to the Grade of Graduate	1193	1357	1315
(f) Admitted/Transferred to the Grade of Incorporated Member	5	13	15
(g) Admitted to the Grade of Affiliate	-	-	1
(h) Admitted to the Grade of Associate	4	1	5
(i) Admitted to the Grade of Student	2766	3482	3527

Total:	4581	5379	5360
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5.3 Membership Applications Board

Ir. Lee Boon Chong continued to serve as Chairman of the Membership Applications Board. This Committee vetted and processed applications for the various grades of membership of the Institution before forwarding them to the Standing Committee for approval.

5.4 Processing of AER and APEC/EMF International Engineer Register Applications

The Membership Applications Board also adopted the role of vetting applications from members of the Institution for ASEAN Engineers Register and APEC/EMF International Registers. The breakdown of applications for these Registers were recorded as follows:

- 32 approved for ASEAN Engineers Register (AER)
- 36 approved for International Engineer Registers (APEC/EMF)
- 252 approved for Associated ASEAN Engineers (AAE)

5.5 Sub Committee on Membership Drive and Promotions (fka Sub Committee on Membership Drive and Career Guidance)

Chaired by Ir. Dr Cheong Thiam Fook, this Sub Committee's role was to organise membership drives at various organisations to conduct "Career in Engineering" as well as "Route to MIEM" talks at local schools, colleges and Institutions of Higher Learning (IHLs).

The Young Engineers Section (YES) as well as the Technical Divisions also contributed towards the success of these activities.

The Sub Committee conducted a "Train the Speakers" session on 1 October 2011 to train new members on how to present talks for the membership drives as well as standardising the presentation materials. Approximately 88 talks were conducted at the various organisations and the IHLs not only within the Klang Valley but also at the IEM Branches to encourage engineers and students respectively to join the Institution.

5.6 IEM Accreditation Board

The Accreditation Board, under the chairmanship of Ir. Emeritus Prof. Dr Zainal Abidin bin Ahmad continued to assist the Engineering Accreditation Council (EAC) to evaluate local engineering degree programmes offered by both private and public IHLs.



The IEM Accreditation Board also maintained an updated list of accredited engineering degree programmes from both the public and private universities for public reference.

5.7 Engineering Accreditation Council (EAC)

IEM continued to have 5 representatives in the 5 major disciplines serving in the EAC with the Chairman serving as the Deputy Chairman of the EAC.

6. STANDING COMMITTEE ON EXAMINATIONS AND TRAINING

6.1 The Standing Committee was chaired by Ir. Prof. Dr Ruslan Hassan for the session and the Committee continued to deal with the regulating of professional interviews, co-ordination of the IEM/BEM Graduate Examinations, administering the IEM Training Scheme including Continuing Professional Development (CPD) and also liaising with the IEM Training Centre where necessary.

6.2 Professional Interview Board

This Board chaired by Ir. Hoo Choon Sean was responsible for the co-ordination of professional interviews of the Head Office as well as all the Branches throughout the country.

The results of the professional interviews conducted from January to December 2011 were recorded as follows:-

Applied to sit	Failed	Waiting for result	Postponed	Passed
482	73	128	18	263
	15%			55%

In 2011, IEM received a total of 46 applications for the Professional Assessment Examination (PAE) from the Board of Engineers, Malaysia (BEM). 24 candidates passed the PAE and 5 failed while the other 17 candidates are cases that had been either postponed by the candidates or are those awaiting results.

The Professional Interview Board continued to organise a number of Professional Interview workshops at IEM Headquarters, Branches, private organisations and universities. For the year 2011, 2 Professional Interview workshops were held at headquarters level. Candidates were briefed on the latest procedure and policies with regard to the Professional Interview.

The PI Board had also finalised the revision to the Professional Interview Guidelines which will be implemented in the second half of 2012. The revised guidelines will be published in the IEM Bulletin starting from the February 2012 Issue as well as posted on the IEM website.

6.3 IEM/BEM Graduate Examinations Bureau

The Bureau was chaired by Ir. S. Kukanesan in the session 2011/2012. The Bureau continued to administer the new Part 1, Part 2 and Part 3 of the IEM/BEM Graduate Examinations as well as coordinate the candidates who would be completing their attempts in the old curriculum of the IEM/BEM Graduate Examination with their last sitting in May 2012. The first local IEM/BEM Graduate Examination was conducted in March 2011 at Wisma IEM.

6.3.1 34th IEM/BEM Graduate Examinations

The detail results of the IEM/BEM Graduate Examinations (old curriculum) held on 14 - 18 May 2011:

Part 1: There were no candidates for this sitting.
 Part 2: 2 candidates sat for the examination but none managed to complete Part 2.
 Part 3: 2 out of a total of 6 candidates completed the examination.

6.3.2 New IEM/BEM Graduate Examination

The new local examination was held for the first time on 21 - 25 March 2011 at Wisma IEM. A total of 3 candidates sat for Part 1 and 29 candidates sat for Part 2. However, no candidate has managed to complete the full examination so far.

6.3.3 Board of Examiners

The Board of Examiners chaired by Ir. Emeritus Prof. Dr Zainal Abidin bin Ahmad continued to prepare questions for local examinations scheduled in March 2012. Examiners, Markers and Moderators were invited from both local public and private universities. A total of fourteen (14) papers are being prepared.

6.4 Log Book

The responsibility of the Sub Committee chaired by Ir. Juares Rizal bin Abd. Hamid was to check and verify the log books submitted by Graduate Members as well as to ensure that the submission on their practical experience is complete with the endorsement of the Mentor. A total of 125 log books were endorsed in year 2011.



The Sub Committee had also completed the revision to the log book scheme guidelines which is expected to be implemented in 2012. The guidelines were revised so as to be consistent with the revision to the Professional Interview Guidelines. Upon approval by Council, the revised guidelines would be published in the Bulletin as well as posted on the website for members' information.

6.5 IEM Training Board

The IEM Training Board chaired by Ir. Li Thang Fai continued to deal with matters concerning training requirements; Professional Development Programme (PDP) for Graduate Engineers and Continuing Professional Development (CPD) for Professional Engineers in year 2011.

The Training Board is responsible for evaluating all programmes conducted by Technical Divisions as well as Branches of IEM. In 2011, the Training Board also continued with their on-site evaluation of training programmes approved for CPD hours to ensure that the programmes conducted were consistent with the documents submitted.

The IEM is also a Certifying Body of the Board of Engineers, Malaysia (BEM) and the Training Board accredits programmes conducted by Approved Training Providers and issues CPD hours for approved programmes. A total of 101 programmes were approved from 50 Training Providers.

6.6 Ad Hoc Committee on Structured Training

Ir. Dr Muhammad Fuad bin Abdullah chaired the Ad Hoc Committee in session 2011/2012. The Committee's task was to formulate a set of structured training guidelines for Graduate Members and engineering graduates benchmarked against the requirements of the IEM Professional Interview.

The guidelines should assist the Graduate Members and engineering graduates to be aware of the sort of training required before he/she is eligible to sit for the Professional Interview. It would include specific training areas in terms of design, site works, planning, management and project supervision in the course of the Graduate Member's and engineering graduate's practical experience.

The structured training guidelines shall aim to provide engineering graduates with a standardised and comprehensive document to facilitate progressive training towards attaining a prescribed minimum level of professional competency and orientation, prospectively ready for candidacy to IEM corporate membership. The format of the guidelines has generally mirrored itself to that of a similar programme developed by an engineering learned society in Australia. The Ad Hoc Committee had finalised its proposal at the end of December 2011 and will be submitting it for approval in 2012.

6.7 Benchmarking the Quality of Graduate Engineers

There were many issues ranging from the shortage of engineers as reported in the Star online to the quality of engineering graduates as a result of surveys carried out by IEM. The Standing Committee organised a public forum on behalf of IEM on 16 January 2012 to get feedback from all stakeholders for further action.

7 STANDING COMMITTEE ON INFORMATION AND PUBLICATIONS

7.1 This Standing Committee continued its duties and responsibilities under the Chairmanship of Vice President, Y.Bhg. Dato' Ir. Hj. Abdul Rashid bin Maidin.

The Standing Committee had proposed to incorporate the new responsibility of taking charge of the website and webpage into the IEM Bylaws. Once the amendment is approved, the Standing Committee would undertake the responsibility for the maintaining, monitoring and to oversee the IEM Web portal, website and web page and to monitor all online submissions solely for publications.

7.2 The Standing Committee met regularly, once a month on every 2nd Saturday to achieve its target of publishing and circulating the Bulletin and the Journal.

7.3 Bulletin

The monthly issues of the Bulletin were published and posted to members for the year 2011. A total of 12 issues were printed. With the increase in activities, the Editorial Board managed to increase the number of pages for each issue with additional news and information. The Bulletin is also available in the homepage of IEM. Although there was an overwhelming response in the submission of technical articles from the members, the Editorial Board had to continue to solicit for write up on article of current interest.

7.4 Journal

Four issues of the Journal were published for the year 2011. At the time of writing this report, the March 2012 issue is under-print.

7.5 IEM Journal Indexing and Citation

The Journal Editorial Board (JEB) planned to apply for indexing of the IEM Journal with the Directory of Open Journal (DOAJ) and Engineering Information Compendex, UK in the near future.



7.6 IEM Website and Homepage

The Standing Committee continued to monitor the webpage and update of information in the homepage for the benefit of members thus continue with the role to:

- standardise template for maintenance, future improvements and operations
- develop proper control, monitoring and governance
- set procedures on future applications, E- policies and ownership
- look into finance and funding policy

7.7 IEM Book Project

The Standing Committee would be looking into publishing a coffee table book on Engineering Heritage of Malaysia. It was estimated that the total cost of publishing and printing the book would be at RM 100,000/- and the Standing Committee are looking for sponsors.

7.8 IEM Directory 2011/2012

The Standing Committee would not be printing the hardcopy of the IEM Directory for the year as all a membership directory is now available in the web portal and can be viewed by members on line.

7.9 Readership Survey 2010/2011

A call had been made to all IEM members to participate and response o the readership survey. The survey form was printed in the August 2011 issue of the Bulletin and soft copy also posted on the IEM website.

7.10 Library

Ir. C.M.M Aboobucker continued as Chairman of the Library Sub Committee for the session. Monthly meetings of the Sub Committee was held on every 3rd Monday of the month to discuss matters pertaining to the library before reporting to the Standing Committee on Information and Publications.

The IEM Library now has a wide collection of approximately 5799 engineering books in various disciplines and members are encouraged to submit recommendations on books to be purchased. Other reading materials such as magazines, proceedings, seminar papers and guideline books are also available at the library. Members could view the list of titles of books available in the library online.

The Sub Committee had also made arrangement with national library, DSM and SIRIM for the books available in their library to be on loan to IEM members.

There are also two computers in the IEM Library with internet, for library user.

8 STANDING COMMITTEE ON ACTIVITIES

8.1 The Standing Committee is chaired by Y.Bhg. Dato' Ir. Lim Chow Hock.

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 sheets on Activities for the year 2011.

8.2 IEM Annual Events and Activities 2011

Some of the major events are highlighted below:

16 April 2011 The 52nd Annual General Meeting of the IEM was held at Wisma IEM, Petaling Jaya and was attended by 312 members.

16 April 2011 The 52nd Annual Dinner was held at Marriot Hotel, Putrajaya and was attended by 890 members and guests. The Guest of Honour for the night was Y.B. Tuan Chua Tee Yong.

26 March 2011 The 15th IEM Engineering Week 2011 was held with the theme "Engineering for a Better Living".

12 – 14 July 2011 The Brownfield Asia 2011: International Conference and Exhibition on Remediation and Management of Contaminated Land was held at Sunway Resort Hotel and Spa and was attended by 121 participants.

25 September 2011 The IEM Family Day 2011 was held at Taman Bandaran Kelana Jaya, Petaling Jaya. 471 members and family members attended the event.

20 July 2011 The IEM Golf Tournament 2011 was held at the Perangsang Templer Golf Club, Templer Park Resort. 65 members and guests participated in the tournament.



- 10 – 12 October 2011 The International Conference on Sustainable Solutions for Energy Utilisation was held at Palace of the Golden Horses, Kuala Lumpur. 320 participants attended the conference. The event was jointly organised by IEM and IET. Exhibition was organised by the IEM Training Centre in conjunction with the conference.
- 27 – 30 November The 29th Conference of the ASEAN Federation of Engineering Organisation was hosted by Pertubuhan Ukur Jurutera & Arkitek (PUJA) at The Rizqun International Hotel in Brunei. The theme of the conference was “Sustainable Urbanization Engineering Challenges and Opportunities” and was attended by 520 members.

8.3 IEM Presidential Award of Excellence

The winners for the activities conducted for year 2011 are as follows:

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

8.4 Tan Sri Ir. Prof Chin Fung Kee Memorial Lecture

- 5 November 2011 The IEM jointly with Engineering Alumni Association of the University of Malaya organised the yearly prestigious memorial lecture on “Engineering and Entrepreneurship: Is it an Oxymoron?” by Y.Bhg. Tan Sri Dato Engr. Yeoh Sock Ping, Managing Director, YTL Corporation at JW Marriott at Jalan Bukit Bintang, Kuala Lumpur. YTL Corporation sponsored the entire lecture with a welcoming reception to all the participants and students of local universities.

8.5 Souvenirs

New souvenirs are available on sale. Besides the IEM key-chains, t-shirts, collar pins, tie clips, coat buttons and batik shirts, the Standing Committee had now printed new design for the ties for sale to members.

9 STANDING COMMITTEE ON PROFESSIONAL PRACTICE

- 9.1 Under the Chairmanship of Vice President, Ir. Lee Weng Onn, the Standing Committee held regular meetings on every 1st Tuesday of the month to discuss matters pertaining to professional practices. The Standing Committee also dealt with enquiries on professional ethics and the engineering profession and responded positively to various correspondences, queries and complaints on negligence of the profession. The main function of the Committee was to review, co-ordinate and formulate policies on all aspects of professional practice among members of the Institution including conduct, ethics, discipline and good technical practice.

9.2 Sub Committee on Professional Responsibility and Liabilities

This Sub Committee under the Chairmanship of Ir. Lai Sze Ching continues to look into issues related to professionalism and liabilities of engineers. The Sub-committee also undertook to respond to some of the inquiries from members and the public on the professional responsibilities of engineers. The Sub Committee also looked into and presented the IEM views on the proposed current CIPA Bill, the Engineers Act, issues on Construction Law, the Service Tax issues and the “build and Sell” housing matters, liberalisation services of subsectors, equity matters and many other issues infringing and affecting IEM members in their practices of professional engineering.

9.3 Sub Committee on Engineering Contracts

Ir. K. Gunagasaran, was appointed the Chairman of this Subcommittee for the session to look into:

- drafting of Condition of Contract for M & E Engineering Works
- issues on Construction Contract Act: Model Terms of Construction Contract for Sub Contract Works

The preparation of the Condition of Contract document is meant for use by IEM members who undertake contract and Sub Contract works. Members are encouraged to utilise the IEM Conditions or Contract.

The IEM President, Ir. Vincent Chen Kim Kieong, launched the publication of the IEM Condition of Contract for Civil Engineering Works on 28 July 2011 at the Shah Village Hotel, P. Jaya. A Half Day Seminar on Condition of Contract for Civil Work was also organised after the launching to educate engineers and public on the contract.

9.4 Sub Committee on Construction Law

Ir. Chong Thaw Sing continued as the Chairman of this Sub Committee which was set up to look into issues related to matters of legal implications and recommends actions to be taken. The Sub Committee is currently preparing its scope of works and term of reference.



9.5 **Sub Committee on Dispute Resolution Practice**

Ir. Dr Ooi Teik Aun continued the session as the Chairman of this Sub Committee. The main function of the Sub Committee is to review the IEM Rules for Arbitration. The Committee is also looking into the Rules for Adjudication. The Sub Committee is in the process of uploading materials relating to arbitration and adjudication in the DRP Website.

IEM is also assisting the AFEO Governing Board to look into the possibility of forming an ASEAN Arbitration Council for engineering dispute in the ASEAN Countries. The aim would be to cater for infra ASEAN disputes. For this Ir. P.E. Chong had been appointed to chair the Committee to prepare the proposal paper.

9.6 **Sub Committee on Arbitrator Appointment/ADR Advisory Board**

The Institution continues its active role in nominating and appointing arbitrators for disputes referred to the Institution. The Sub Committee continued to be chaired by Ir. Lee Weng Onn, the Chairman of the Standing Committee. For the year, the Committee conducted interviews on potential Arbitrators who wished to be included into the IEM List of Arbitrators.

9.7 **Sub Committee on Screening of Complaints**

Y.Bhg. Dato Ir. Pang Leong Hoon continued as the Chairman of this Sub Committee to look into matters or issues or complaints made to IEM. The Sub Committee undertook the role to screen in all the complaints on ethics of members, unfair dismissal, professional misconducts, unethical practices of professional engineers and grievances. The Sub Committee would also decide whether there is a need to set up disciplinary committees to handle the complaints.

9.8 **Sub Committee on Uniform Building Bylaws (UBBL)**

The Chairman, Ir. Thin Choon Chai took up issues related to the drafting of the UBBL from Ir. Tu Yong Eng. At the time of writing this report, the Committee is awaiting feedback from KPKT.

9.9 **Fire Advisory Board (fka Sub Committee on Fire Protection Services)**

Ir. Thin Choon Chai continued as the Chairman of this Board set up to study technical issues relating to fire protection and to disseminate information relating to fire safety. The Board also had established close rapport with Jabatan Bomba Malaysia (BOMBA) and Tenaga Nasional Malaysia (TNB). The Board also contributed to the drafting of the UBBL related to fire protection and fire services in high rise. The Committee members of the Board joint the 3 day workshop conducted by KPKT on UBBL to complete and finalise the draft. The comment had already been submitted to the authority and awaiting feedback on the completed draft.

9.10 **Standard Writing Organisation (SWO) Matters**

Ir. Mun Kwai Peng was appointed once again as the SWO Co-ordinator as IEM is currently involved in preparing Standards for SIRIM with the support from the Civil and Structural Engineering Technical Division and the Geotechnical Engineering Technical Division. The IEM had also signed a contract with Department of Standards Malaysia (DSM) to conduct roadshows throughout Malaysia to create an awareness that the Malaysia Standard to the Annex which is modeled similar to the European Code will be enforced in Malaysia once the Codes have been drafted.

9.11 **Representation to Outside Bodies**

This Standing Committee continues to appoint representatives to various governmental agencies and continues to monitor these representatives to outside bodies by maintaining the need to submit reports and feedback so that appropriate action can be taken. For this exercise, the Secretariat reports and refers to the IEM Honorary Secretary, Ir. Prof. Dr Lee Teang Shui on the appointment of the representatives and to handle the necessary administrative work.

9.12 **AdHoc Committee on Review of Engineers Act**

The AdHoc Committee under the Chairmanship of Ir. Lai Sze Ching continued to monitor and review issues on the drafting of a new Engineers Act. The issues strongly commented were on Engineering Consultancy Practices (ECP), Professional Insurance Indemnity (PII), abolishment of registration of temporary engineers and foreign equity.

10 **STANDING COMMITTEE ON WELFARE AND SERVICE MATTERS**

10.1 Under the Chairmanship of Vice President, Ir. Prof. Dr Wan Mahmood bin Wan Abdul Majid, this Standing Committee held its monthly meetings on every 2nd Wednesday 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.

10.2 **IEM Benevolent Fund**

A total of RM 33,250.00 was received for the session 2011/2012. The IEM would like to record its appreciation to the members for their kind support and generosity.



This year IEM approved financial aid to be extended to Ir. Hj. Zamri bin Darus who is incapacitated due to illness. IEM approved financial aid of RM300.00 per month be payable on an annual basis over three years. As a sign of IEM's sincere contribution and care, the Secretariat and Chairman of this Standing Committee paid him a visit and handed the cheque personally to Ir. Hj. Zamri bin Darus on 15 October 2011 at his house in Bandar Baru Bangi. The balance available in the fund as at December 2011 is RM 304,221.52.

The Benevolent Fund contributed RM 6,597.50 to the Jurutera Wargamas Scheme for the year.

10.3 **Jurutera Wargamas (JWS) and Exempted Members**

The scheme specially designed for members who are senior citizens or disabled was aimed to 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. 19 applications submitted and a total of 14 were approved for the year 2011.

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 2011.

10.5 **IEM Advertisement**

10.5.1 *IEM Job Matchmake*

A job emplacement programme especially for IEM members and it is to matchmake IEM members with potential employees. IEM is now offering Job Matching for:-

- Graduate/Young Engineers – Where we will match you with potential employers (Promote New Vacancy for Young Engineers);
- Experienced Engineers – Where we will match Engineers with Employer that required experienced Engineers for Managerial Positions (Promote Career Advancement for Experienced Engineers);
- Retrenched Engineers – Where we will match you with potential Employer that values your experience (Promote matching of Engineers with suitable Engineers);
- Retired Engineers – Where we will match you with potential Employer that required Senior Advisor/Consultant or as a Speaker/Trainer for new and young.

This matchmake programme, allow members' resumes to be sent to potential employers.

10.5.2 *IEM Job Advertisement*

This is a job vacancy advertisement programme. The programme provides job vacancy advertisements through the IEM Website and Notice Board 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.

10.5.3 *IEM Advertisement for Products and Services*

This is a newly added service 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 at our advertisement panel boards or electronic board. Banner Advertisements in the IEM Website is also available for booking.

10.6 **Employment Survey**

The Standing Committee continued to conduct the employment survey to obtain information pertaining to the employment, remuneration and issues such as job satisfaction concerning the profession. IEM had also initiated the development of an online survey via the IEM Web Portal.

10.7 **IEM Family Day 2011**

IEM Family Day is an event that members look forward to every year. It served as an avenue for networking among senior and young engineers and helpful for the council members to obtain feedback on IEM activities. It also promotes further advancement for engineers besides fostering closer rapport between members. This year, IEM Family Day 2011 was held on 25 September 2011 at Taman Bandaran Kelana Jaya, Petaling Jaya, Selangor. The new venue was chosen to anticipate a bigger crowd and in view of the shady area near the lake of which attracted 471 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 51 SPM and 15 STPM/A-Level students were rewarded.



There were at least 20 types of challenging and fun games for children and adults. These included run-around-the lake, fun game, booth games, inflatable game and guessing games which were organised by the Young Engineers Section and the Secretariat. IEM hired a caterer to set up food stalls serving local and western favourites and many other delicious foods. Institut Jantung Negara (IJN) and Universiti Tunku Abdul Rahman (UTAR) were also participated in the exhibition.

10.8 IEM Engineering Week 2011 (IEM EW201)

The Standing Committee organised the 15th IEM Engineering Week 2011 (IEM EW2011) with the theme of **'Engineering for a Better Living'**. IEM EW2011 was organised to introduce and promote the engineering profession to the general public. A one-week programme was arranged and focussed on the following:-

- Engineering for a better living
- Engineering as a Career, the privileges of being an Engineer;
- Attracting School Leavers to take up engineering;
- Contribution of Engineers in Scientific and Technology Development.

The IEM EW2011 took place from 19 - 26 March 2011. The highlight of the IEM EW2011 was the Opening Ceremony launched at MATRADE Exhibition and Convention Centre and the Forum on "Malaysia Engineering Stars" held on 19 March 2011.

The IEM ENGINEERING WEEK 2011 - Opening Forum on "Malaysia Engineering Stars" show case the most prominent engineers in various fields. These prominent engineers in their respective fields, shares their invaluable experiences and success journey as well as their perspective on engineering in Malaysia. The speakers were Y.B. Dato' Seri Ong Tee Keat, Y.B. Datuk Seri Ir. Hj. Mohammad Nizar bin Jamaluddin who spoke on "Engineers as Politian and How Engineers Can Transform the Nation Engineering Transformation in 2011"

The Session 2 speakers on "Engineers in Construction and Balancing Between Cost Effectiveness and Innovation" were delivered by Ir. Dr Nehemiah Lee Chee Hai, Ir. Kor Chan Wah and Y.Bhg. Datuk Ir. Hong Lee Pee.

Session 3 speakers on "Engineers as Consultant touching on Challenges and Opportunity in Liberation of the Consulting Services in Malaysia and ASEAN" were presented by Y.Bhg. Datuk Ir. Rosaline Ganendra, Ir. Dr Gue See Sew and Ir. Dr Ooi Teik Aun.

For Session 4 on "Engineers as Academician and Challenges in Producing Quality and Competent Graduate Engineers", the speakers were Y.Bhg Datuk Ir. Prof. Ow Chee Sheng, Y.Bhg. Dato' Ir. Prof. Dr Mohd. Saleh bin Jaafar, Ir. Prof. Dr Ramesh Singh and Ir. Prof. Dr Hjh. Siti Hawa bt. Hamzah.

For Session 4 on "Engineers as Academician and Challenges in Producing Quality and Competent Graduate Engineers", the speakers were Y.Bhg. Datuk Ir. Prof. Ow Chee Sheng, Y.Bhg. Dato' Ir. Prof. Dr Mohd. Saleh bin Jaafar, Ir. Prof. Dr Ramesh Singh and Ir. Prof. Dr Hjh. Siti Hawa bt. Hamzah.

10.9 Talks/Dialogues/Gatherings

The Standing Committee from time to time organised health and insurance functions related to welfare and members' well being. For this session, the committee had organised three (3) talks on health and two (2) visits. Details of the activities were captured in the summary sheets of the Annual Report.

10.10 Health Care and Exercise

Since the demised of the Chief Instructor Master Yeoh Tong Eng, there were few volunteers who were willing to supervise the lessons which were held on every Monday and Wednesday from 8.15 p.m. – 9.15 p.m. at IEM Penthouse. Presently, there are only 10 members in the class.

10.11 Insurance Matters

Various insurance schemes were arranged with insurance companies for members. Some of which were with AON Brokers Malaysia Sdn Bhd on Professional Indemnity Insurance, MAA Berhad on Life and General Insurance and ING Insurance Berhad on Group Critical Cover Scheme.

10.12 Affinity Programmes

IEM continued to team up with Direct Access in the form of the IEM Direct Access Co. Brand Credit Card (MasterCard), which is well supported by members. One of the benefits is that IEM members could pay their annual subscription via direct debit from the card. IEM is also in the midst of looking for other partners for the IEM Co Brand Credit Card.

10.13 Sub Committee on Women Engineers

The Sub Committee chaired by Ir. June Lau Yuk Ma, aimed to provide IEM Women Engineers with interesting activities. The Sub Committee conducted motivational talks at schools and universities, encouraging students to choose engineering as a career. The Sub Committee also organised personal development talks; corporate connection talks, technical talks and published articles in the IEM Bulletin. A questionnaire survey to find out the preferred choice of activities and the women engineer's interest was also conducted together with an employment survey of women engineers.



The most exciting event is the annual gathering of women engineers which is successful held on 7 May 2011.

The Sub Committee had published a 10 year Anniversary Souvenir Book on Women Engineers.

At the time of writing this report, The Sub Committee undertakes to organise the International Women Conference (WiSET 2012) to be held at Hotel Istana, Kuala Lumpur, Malaysia from 14-16 June 2012.

10.14 **Community Service Responsibility**

10.14.1 *Disaster Relief Aid*

The Standing Committee collected some funds in the aid for the victims of the Earthquake and Tsunami Disaster in Japan. A total sum of RM 7,569.00 was received from IEM members. The Institution topped up the contribution to RM10,000.00 and the amount was contributed via the Japanese Embassy. The cheque was presented to the representative of the Japanese Embassy in Malaysia at the IEM Family Day 2011 on 25 September 2011.

10.14.2 *Humanitarian Relief Aid*

The Standing Committee and IEM did not participate or be involved in any of the Humanitarian Relief Aid Activities for the Session.

10.14.3 *Technical Advisory Services for the Community*

The Committee has established a unit called 'Technical Advisory Service for the Community'. Members of IEM were also called to volunteer their expertise and services for the improvement of social amenities, basic utilities, or needy development projects in places that need our services such as rural villages. In doing so, IEM should be able to enhance the image of the profession and Institution. Over the last few years, IEM managed to do Community Services Responsibility projects especially on Rain Harvesting System (SPAH) at Kg. Baru Sg. Penjuring, Bentong Community Hall, Kg. Baru Jementah, Segamat Old Folk Home, Kg. Baru Plentong, Johor Baharu Community Hall and Damansara Jaya Community Centre.

10.15 **Other Benefit Projects**

The Committee continues to negotiate with vendors and merchants to look into join collaboration for the benefit of IEM 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 leader of engineers 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. P.E. Chong, Vice Chairman took over the Chairmanship from Ir. Choo Kok Beng, and continue to look into means to improve the image of the Institution to its members and general public.

11.3 A new IEM letterhead was designed and approved by Council for use.

11.4 **ASEAN Federation of Engineering Organisations (AFEO) Secretariat**

The AFEO Governing Board continued to maintain the AFEO Secretariat Management Committee at IEM with the objective to help AFEO Secretariat perform its duties and responsibilities as well as to function effectively and efficiently. IEM therefore continued as the Secretariat and Treasurer for AFEO with Y.Bhg. Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah as the Secretary-General for the year 2011/2012.

The AFEO Board of Governors held its mid-term meeting from 8-9 June 2011 at Lane Xang Hotel Vientiane, Lao PDR hosted by Laos Union of Scientists and Engineers Association (LUSEA).

Later in the year, Pertubuhan Ukur, Jurutera dan Arkitek (PUJA) then hosted the 29th AFEO Governing Board meeting at the Rizqun International Hotel, Bandar Seri Begawan, Brunei Darussalam on 28 November 2011.

The Governing Board meeting was also held during the 29th Conference on ASEAN Federation of Engineering Organisations with the theme on "Sustainable Urbanisation: Engineering Challenges and Opportunities".

The Governing Board also endorsed a list of Honorary Members and Honorary Fellows for the different countries.



The breakdown of the Honorary Membership list are as listed below:

AFO Countries	Distinguished Hon. Fellow	Hon. Fellow	Hon. Member	Total
Brunei (PUJA)	-	8	4	12
Cambodia (BEC)	1	36	33	70
Indonesia (PII)	4	35	1	40
Lao PDR (LUSEA)	1	5	10	16
Malaysia (IEM)	2	45	23	70
Myanmar (MES)	2	35	27	64
Philippines (PTC)	3	12	1	16
Singapore (IES)	-	29	-	29
Thailand (EIT)	6	18	11	35
Vietnam (VUSTA)	1	1	-	2
TOTAL:	20	224	110	354

The Chairmanship of the AFEO Board was handed over to Board of Engineers Cambodia (BEC), who will then host CAFEO-30 in year 2012 in Phnom Pehn, Cambodia. The date for this coming Conference was tentatively fixed from 10-12 December 2012. The IEM will host the mid-term AFEO Governing Board Meeting in Negeri Sembilan from 13-15 June 2012.

11.5 ASEAN Engineering Register (AER) (fka ASEAN Engineers Register)

IEM was again re-appointed to host 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. Choo Kok Beng continued his tenure as the AER Head Commissioner and chaired monthly meetings to look into the affairs of the AER membership for the 10 countries.

The ASEAN Federation of Engineering Organisations (AFEO) Governing Board at its meeting in Vientiane, Lao PDR in June 2011, have agreed to expand the ASEAN Engineers Register (AER) into the ASEAN Engineering Register (AER) to include the registration of the entire engineering team comprising the Engineers, Engineering Technologists, and Technicians and related Associates.

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)

AER currently hosts a total of 2038 members. The breakdown of these registered members by country of origin and grades is noted as follows:

Member Country	AE	AET	AT	Member Country	AE	AET	AT
Brunei	44	-	-	Myanmar	197	-	-
Cambodia	217	-	-	Philippines	137	-	-
Indonesia	152	-	-	Singapore	20	-	-
Laos PDR	19	-	-	Thailand	34	-	-
Malaysia	699	7	1	Vietnam	166	-	-

Deceased /withdraw : 10/11



The breakdown of AER Associate Members

Member Country	AAE	AAET	AAT	Member Country	AAE	AAET	AAT
Brunei	5	-	-	Myanmar	29	-	-
Cambodia	-	-	-	Philippines	2	-	-
Indonesia	7	-	-	Singapore	4	-	-
Laos PDR	-	-	-	Thailand	3	-	-
Malaysia	289	-	1	Vietnam	5	-	-

11.6 AER National Monitoring Committee (NMC)

Ir. Yim Hon Wa continued as the Chairman of this Committee for a second session. The main role of the AER NMC in IEM was to process applications for IEM members and 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.

11.7 Asia Pacific Economic Cooperation and Engineers Mobility Forum (APEC/EMF) International Engineer Register Committee

The APEC/EMF Economy in Malaysia is set up at the Board of Engineers, Malaysia. The APEC National Monitoring Committee is based at the Board of Engineers Malaysia and chaired by Y.Bhg. Dato' Sri Ir. Dr Judin bin Abdul Karim with Y.Bhg. Tan Sri Ir. Dr Mohd. Zulkifli as his Alternate Chairman. IEM is represented by Ir. Dr Gue See Sew and Y.Bhg. Datuk Ir. Prof. Dr Ow Chee Sheng together with 2 representatives each from ACEM and BEM.

The processing of applications from IEM members for these Registers is under the purview of the Standing Committee on Qualifications and Admissions chaired by Ir. Yim Hon Wa. The Membership Application Board chaired by Ir. Lee Boon Chong would vet and process all applications and forward the submissions to the Standing Committee for approval. To date, a total of 380 members have registered for both the Registers.

On 13 – 17 June 2011, IEM was represented by the Vice President, Ir. Yim Hon Wa, at the International Engineering Alliance Meeting (IEAM 2011) hosted by the Chinese Institute of Engineers (CIE) in Taipei, Taiwan. IEM had successfully passed the bi-annual review for continuation of signatory status in the **Asia Pacific Engineering Council (APEC) and Engineers Mobility Forum (EMF)** for another six years.

11.8 Federation of Engineering Institutions of Asia and the Pacific (FEIAP) [fka Federation of Engineering Institutions of South East Asia and the Pacific (FEISEAP)]

IEM took over the Chairmanship of FEIAP from The Institution of Engineers, Singapore (IES) at the 19th General Assembly held on 5 October 2011 in Singapore in conjunction with the Inaugural FEIAP Convention on Engineering Education and Accreditation and Accreditation Workshop at the Furama Riverfront Hotel, Singapore. Chinese Institute of Engineers (Chinese Taipei) was elected the Vice President of FEIAP and they have appointed Dr John Li as the President -Elect. The next General Assembly would be arranged in Seoul, Korea in May 2012.

The Institution of Engineers, Malaysia continues to host the permanent Secretariat of FEIAP. Y.Bhg. Academician Dato' Ir. Prof. Dr Chuah Hean Teik was appointed by IEM as the FEIAP President until end of 2013.

The Pakistan Engineering Council was accepted into the federation as member at the 19th General Assembly.

11.9 Federation of Engineering Institutions of Islamic Countries (FEIIC)

The Past President, Y.Bhg. Dato' Ir. Prof. Abang Abdullah bin Abang Ali, continued as the Advisor to the Federation of Engineering Institutions of Islamic Countries (FEIIC) while Ir. Assoc. Prof. Megat Johari bin Megat Mohd. Noor, was elected as one of the Vice Presidents of FEIIC. The Regional Offices and respective regions these offices served are listed as follows:

Amman Regional Office – Arab speaking countries
Lahore Regional Office – South Asia and CIS countries
Kuala Lumpur Regional Office – South East Asia countries

Prof. Bakytian Zhumagulov from the Engineering Academy Republic of Kazakhstan was elected the President of FEIIC and will hold office until 2012.

IEM's FEIIC National Monitoring Committee was formed as a Sub-Committee of the Standing Committee on Corporate Affairs to monitor and coordinate activities organised between IEM and FEIIC. Y.Bhg. Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah, was appointed the Chairman of this Sub Committee.

The FEIIC International Engineering Education Conference 2011 was held from 25-27 December 2011 at Madinah Al-Munawarah, Kingdom of Saudi Arabia while the 11th FEIIC General Assembly was held on 28 October 2011 in Almaty Kazakhstan.



The 25th Council meeting of FEIC will be held in Islam Abad, Pakistan in September 2012 in conjunction with the and International Engineering Convention (5th IntEC 2012).

The next FEIC General Assembly shall be hosted by the Federation of Sudanese Engineers in Khartoum, Sudan on 2013.

11.10 World Federation of Engineering Organisations (WFEO)

Eng. Adel Al Kharafi, the Honorary President of Kuwait Society of Engineers is the current WFEO President while Eng. Marwan Abdelhamed from General Union of Palestinian Engineers (GUPE) is the President Elect. Y.Bhg. Dato' Ir. Rosaline Ganendra, from Malaysia was re-elected as a WFEO Council Member.

The WFEO General Assembly was held in Geneva, Switzerland from 8-9 September 2011 together with World Engineers' Convention 2011. IEM President, Ir. Vincent Chen Kim Kieong and the Honorary Secretary, Ir. Prof. Dr Lee Teang Shui attended the General Assembly.

The WFEO Executive Board meeting was scheduled from 12-17 March 2012 in Marseille, France and is organised in conjunction with the 6th World Water Forum. The coming WFEO Executive Council and World Engineering Forum will be held from 17-21 September 2012 in Ljubljana, Slovenia. IEM President and Hon Secretary are the official representatives of the IEM in WFEO.

11.11 Commonwealth Engineers Council (CEC)

The CEC has not been active since it became a virtual organisation working within WFEO. Matters concerning the Council are therefore circulated via emails and letters.

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

The 9th World Congress of Chemical Engineering incorporating the 14th APCChE Congress will be held in Jeju, Korea on May 26 - 31, 2013 under the presidency of Mr Edwin Khew. The 4th APPCHE Board meeting was held recently in Suntec International Convention and Exhibition Centre, Suntec City, Singapore from 21-24 February 2012. Ir. Prof. Dr Mohd. Ali bin Hashim represented IEM at the APPChE Council meeting on 22 February 2012 at the Institute of Engineers, Singapore.

11.13 MoUs with Overseas Institutions

The Chairman of the Sub Committee on MoUs/MoAs is Ir. Hj. Mohd. Ali bin Yusoff. To-date, IEM has signed over 30 MOUs with various organisations and professional institutions overseas. The IEM is currently in the process of establishing a Memorandum of Understanding (MoU) with The Royal Institution of Naval Architects (RINA), an internationally renowned professional institution whose members are involved at all levels in the design, construction, maintenance and operation of marine vessels and structures. Members of RINA are widely represented in industry, universities and colleges, and maritime organisations in over 90 countries. IEM members especially those in the naval architects field of practice would stand to benefit from the joint activities arising from the signing of a MoU; as well as prospects and opportunities to be gained by the IEM Training Centre to organise training and/or courses related to these fields.

11.14 Interview Sessions, Press Releases and Press Statements

For the year under review, the Standing Committee continued to be actively providing press releases and press statements on various engineering issues and matter of national interests. IEM also made various press statements on the conferences organised during the entire year of 2011.

11.15 Dialogues with Government Ministers and Ministry Officials

In 2011 a total of 2 dialogue sessions were organised listed as follows:

- | | |
|-----------------|---|
| 1 August 2011 | <p>Courtesy Call on the Minister of Works
Ir. P.E. Chong and Y.Bhg. Dato' Ir. Samsuddin bin Ismail made a courtesy call on the Minister of Works to discuss on the issue of 100% equity for non-Professional Engineers. IEM's stand is that engineering consultancy practices should be owned by Professional Engineers and this stand was presented to the Minister.</p> |
| 20 October 2011 | <p>IEM-UTM Networking Session
A networking session was called by UTM with focus on professional registration, internship for the students and industrial collaboration with suggested joint activities between IEM's TDs with their Faculties.</p> <p>UTM was represented by the Vice Chancellor, Y.Bhg. Dato' Ir. Prof. Dr Zaini bin Ujang and Deans of Engineering Faculties viz Civil, Mechanical, Electrical, Chemical, Petroleum, Biomedical and Bio Engineering.</p> |

11.16 Visitors to IEM

- | | |
|---------------|--|
| 16 March 2011 | <p>The National President of Engineers Australia, Mr. Mervyn Lindsay and entourage paid a courtesy visit to IEM for a dialogue session with the IEM President and Excomm members at the TUS C&S Room, Wisma IEM. He also gave a talk co-organised with Engineers Australia Malaysian Chapter (formerly known as SIEAMM) at the Tan Sri Ir. Prof. Chin Fung Kee Auditorium at 5.30 p.m.</p> |
|---------------|--|



- 30 May 2011 The Chairman of the Engineering Division of Pertubuhan Ukur, Jurutera dan Arkitek (PUJA) Brunei Darussalam, Tuan Haji Suhaimi and entourage paid a courtesy visit to IEM for a networking session with the IEM President and Excomm members.
- 18 August 2011 The President of IMarEST, Prof. John Carlton, Mrs. Carlton, IMarEST Vice-President David Kinrade and Chairman of IMarEST Malaysia Chapter Y.Bhg. Adjunct Prof. Dato' Ir. First Admiral Hj. Ahmad Murad bin Omar (Rtd) paid a courtesy visit to IEM on 18 August 2011. Amongst others, the Institutions proposed to conduct joint activities in future as well as exchange publications and journals related to the field of marine engineering.
- Further to this, IEM has purchased a table at RM 2,200 for one table (of 7 seats) for the Royal Institution of Naval Architects (RINA) - IMarEST Malaysia dinner on 15 October 2011 at the Grand Ballroom, Hotel Istana, Kuala Lumpur.
- 23 November 2011 Past President of Myanmar Engineering Society, Mr. U. Than Myint had a dialogue session with IEM President to discuss on the CPD and training programme of IEM.
- 9 December 2011 A delegation led by The President of The Institution of Structural Engineers UK (IStructE), Professor Roger Plank had a dialogue meeting with IEM President and Excomm members. He was then conducted and evening talk co-organised with IEM Civil and Structural Technical Division for IEM members.
- 20 December 2011 WFEO President Elect, Eng. Marwan Abdelhamid paid a courtesy visit to IEM President.

11.17 IEM-PEMANDU-PEMUDAH Sub Committee (fka IEM-PEMUDAH Sub Committee)

The IEM-PEMUDAH Sub Committee is chaired by the Ir. David Lai Kong Phooi and consists of Ir. Yam Teong Sian as Committee Member while Y.Bhg. Dato' Ir. Dr Andy Seo Kian Haw is the Advisor for the Sub Committee. This Sub Committee had organised three evening talks for IEM Members as follows:

- a. Talk on "Business Tax - What You Should Know" by Mr. Peter Lim Thiam Kee (MAICSA Vice President), Mr. Akbar Moldunny (MAICSA Past President) and Mr. Ong Whee Tiong (MAICSA Council Member) on 25 March 2011. It was attended by 30 IEM members.
- b. Talk on How SMEs in the Engineering Services Can Benefit from the Economic Transformation Programme by the CEO SME Corp Malaysia, Y.Bhg. Dato' Hafsah bt. Hashim on 27 May 2011. 31 IEM members attended the evening talk.
- c. Evening talk on "Improvement in the Property Sector through the Implementation of One-Stop Centres (OSC) and Certificate of Compliance and Completion (CCC)" by the Director of the Research and Technical Legislation Division, Local Government Department, Ministry of Housing and Local Government Department (KPKT), Puan Aminah Abdul Rahman on Thursday, 23 June 2011. It was successfully attended by 71 IEM members.

12 AWARDS COMMITTEE

- 12.1 Ir. Vincent Chen Kim Kieong, IEM President, chaired this Committee for the year under review. The Committee met to consider nominations for the IEM Awards as follows:
- IEM Outstanding Engineering Achievement Award
 - IEM Award for Contribution to Engineering Profession in Malaysia
 - Honorary Membership
 - Lady Engineers Award
 - Young Engineers Award
 - Technical Papers Award
 - ASEAN Outstanding Engineering Achievement Award
 - Honorary Membership Award for AFEO
 - Engineering Hall of Fame

12.2 The documentation of the awards given out during the year were tabulated in the front pages of this Annual Report.

12.3 Besides the nomination of candidates for the above awards, the Committee also submit names and nominees for the Federal and State awards for Datukship and Justice of Peace.

13 INTER-PROFESSIONAL ACTIVITIES

13.1 Board of Engineers, Malaysia (BEM)

The close rapport between the IEM and BEM continued during the session. 5 IEM nominees were appointed to serve on the Board and its Committees

13.2 Balai Ikhtisas Malaysia (Malaysian Professional Centre)

The Institution is represented on various Committees of the BIM and continued to participate actively in its activities. IEM supported the BIM Annual Dinner.



13.3 Representation to Outside Organisations

The Institution and the following organisations participated in each other activities such as annual dinners and liaison meetings:

- Association of Consulting Engineers, Malaysia (ACEM)
- Pertubuhan Akitek Malaysia (PAM)
- The Institution of Surveyors, Malaysia (ISM)
- Construction Industry Development Board (CIDB)
- 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)

14 INTERNATIONAL ACTIVITIES

14.1 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)

14.2 The Institution also continues to foster close relationships with professional Institution in USA, UK, Japan, Korea and China. Some of these organisations are:

- Institution of Engineers, Singapore (IES)
- Hong Kong Institution of Engineers (HKIE)
- Engineers Australia (EA)
- Korea Professional Engineers Association (KPEA)
- The Institute of Electrical and Electronic Engineers, USA (IEEE)
- The Institution of 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)

14.3 The IEM Secretariat continues to be the contact point for Society of Institution of Engineers, Australia members in Malaysia to enhance the rapport between the two institutions.

15 SPECIAL COMMITTEE ON AMENDMENTS TO CONSTITUTION AND BYLAWS

15.1 The Past President, Ir. T.T. Chiam was re-appointed to chair the Special Committee and this Committee met several times during the session to study and advise the Council on various suggested amendments to the Constitution and Bylaws of the Institution. The Committee, after due deliberation, put forward modified amendments to various clauses for the consideration of the Council which included the recommendation to make changes to the names of two Standing Committees. The Committee took the opportunity, during these deliberations, to recommend additional and consequential amendments to certain provisions in the Constitutions and Bylaws for the avoidance of any doubt in their interpretation, and also to enable the Council to better manage the increase in membership since the Constitution and Bylaws were last reviewed.

16 PRESIDENTIAL DIALOGUE WITH BRANCHES

16.1 Ir. Vincent Chen Kim Koeong continues with the regular dialogue meetings with the Chairmen of IEM Branches prior to Council meetings. These were fruitful meetings and discussions as well as exchange of information between the Head Office and the Branches. The Branches also took the opportunity to brief the President on their planned activities for the session. The Branches are planning to have more frequent gathering to foster better ties.

17 IEM EDUCATION FUND

17.1 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.

17.2 Similar to previous years, the gold medals were awarded to the best final year engineering students of local institutions of higher learning.



- 17.3 The IEM Book Prizes were also awarded to the best engineering students of public universities.
- 17.4 At the time of writing the report, the Board was vetting the scholarship applications of students for the interest-free scholarships to needy undergraduates of the various local universities and institutions of higher learning.
- 17.5 The Board would be approving the award of the following scholarships :
1. Tun Hussein Onn Memorial Scholarship
 2. Tan Sri Datuk Ir. Prof. Chin Fung Kee Memorial Scholarship
 3. Engr. Thean Lip Thong Memorial Scholarship
 4. Tan Sri Ir. (Dr) Hj. Yusoff bin Hj. Ibrahim Memorial Scholarship
 5. Engr. Koon Yew Yin Scholarship

17.6 As in previous years, the Board continued its active sponsorship of seminars, courses and conferences during the session. This year the Board sponsored approximately students to attend the Brownfield Asia Conference 2011 from 12-14 July 2011.

17.7 Once again, the Board would like to record its thanks to IEM members who have generously donated to the IEM Education Fund.

18 IEM POSITION PAPERS

18.1 To date, 4 Position Paper Committees are still in progress of finalising their papers for IEM.

The Position Papers Committee that are in progress are:

- Relevance of Project Management Consultant
- Water and Environment
- Alternative Energy
- Global Warming, Climate Change and Emission Mitigation

The Position Paper on Green Technology required editing the paper and representing for approval.

The Co-ordinating Committee for Position Papers currently chaired by the President, Ir. Vincent Chen Kim Kieong was entrusted to monitor and co-ordinate the progress of the Committees set up to prepare each position paper.

18.2 The Co-ordinating Committee also continues to review the previously approved Position Papers so that the documentation is regularly updated according to change times.

19 SERVICE SECTOR CAPACITY DEVELOPMENT FUND COMMITTEES (SSCD FUNDS)

19.1 On 4 August 2009, MIDA approved the IEM's application for the SSCD Fund of RM 1.47 million – RM 1 million for IT Infrastructure Upgrading in which IEM used the fund to upgrade the web to portal and RM 470,100 for outreach training programmes.

19.2 Two Task Forces were set up to manage the funds as the time frame allocated for the utilisation of the grant for outreach programme was up to March 2010 while the time frame allocated for the upgrading of the web to portal was 12 months. It was also noted that once the planning stage had completed, the two Task Forces would have to proceed to implement the plans. A short progressive report was submitted to MIDA on a quarterly basis.

19.3 The Task Force on Outreach Committee arranged for the launching of the Web portal and Closing of the Outreach Programme on 29 June 2010. The new portal was named MyIEM (www.MyIEM.org.my). The Systems Go Live was on 1 October 2010. Data migration for membership was also in the final stage then and a video clip tutorial had been posted in the website to guide members with the First time log. Similar tutorials were being prepared for the other features of the portal.

19.4 MIDA conducted the audit for both the Outreach Programme and the IT Upgrading and Modernisation on 22 December 2010. MIDA also conducted the visit to the Data Center on 14 February 2011

19.5 In the month of January 2011 itself, there were about 2.02 million hits and the number of transactions completed using the Maybank2u gateway from 3 January to 23 February was about 1,600. Approximately 2,000 members had signed in to their personal record in the portal. On March 2011, the "MyIEM" portal name was then worth USD954. Currently we understand our portal name is worth USD 3416 and estimation by www.webstatsdomain.com and RM 7224 by www.bizinformation.com.my

19.6 The IT Task Force completed their work and handed over the content management of the Web portal to the Standing Committee on Information and Publications on 14 November 2011. Hereafter, future matters pertaining to the Web portal would be reported via the Standing Committee.

20 IEM STRATEGIC PLAN

20.1 The Strategic Plan Co-ordinating Committee continues to function under the Chairmanship of Deputy President, Ir. Choo Kok Beng. The Committee continues to monitor the progress of the Strategic Plan Committee to ensure that targets and goals can be achieved.



21 BRANCHES AND SECTIONS

21.1 Penang Branch

- 21.1.1 Ir. Ng Sin Chie, continued as the Branch Chairman for another session. The total membership as at 15 March 2012 of the Branch stand at 1,278 with 25 Fellow Member, 435 Corporate Member, 355 Graduate Member, 2 Incorporated Member, 1 Associate Member and 460 student member.

During this very active 2010/2011 session, the IEM Penang Branch Executive Committee together with the Young Engineers Section (YES) organised numerous progressive activities. School career talks and engineering career camp were also organised as an awareness programme for students to the career expectations in the field of engineering. Seminars, courses and technical talks were also conducted solely aimed towards the success of CPD and Life-long Learning Programmes.

- 26.11.2010 **43rd Annual General Meeting**
The 43rd AGM of IEM Penang Branch was held at the IEM Penang Secretariat. It was attended by 95 members. A buffet lunch at Penang Club was held after the AGM.
- 30.11.2010 **Seminar on Building Information Modeling for Performance**
The above seminar was jointly organised with Precision Design Solution (M) English and was held at E&O Hotel. 15 participants attended the event and the speakers were Mr. Ho Chow Jin and Mr. Naveen Bhat.
- 30.11.2010 **Seminar on Building Information Modeling for Structure and Civil**
12 participants attended the 2nd seminar at E&O Hotel held after the Seminar on Building Information Modeling for Performance. The speakers were Mr. Ho Chow Jin and Mr. Naveen Bhat.
- 10.12.2010 **43rd Annual Dinner**
The 43rd Annual Dinner of IEM (PG) was successfully held at Gurney Hotel, Penang and attended by a crowd of about 500.
- 17.1.2011 **Seminar on Design Using MES Infra Application**
MES Innovation Sdn Bhd provided 2 speakers, Mr. Bryan Ewe Teik-Tsia and Ms. Lee Lai Haa to conduct the above seminar to 43 participants at IEM Penang Secretariat.
- 29.1.2011 **Technical Talk on Project Risk Management Process: The PMI Techniques**
32 participants attended this talk by Ir. Dr Mui Kai Yin held at IEM Penang Secretariat.
- 19.2.2011 **Technical Visit to Penang Hill**
The first technical visit organised by IEM Penang for this year was attended by 55 members to Penang Hill cable car. After a successful tour of the plant, the members were treated to lunch by the management.
- 22 -23.2.2011 **2 Day Course on Essential Project Management**
The above course was jointly organised with IEM HQ Project Management Technical Division at IEM Penang Secretariat and attended by 29 participants. The speaker was Ir. Lee Boon Chong.
- 26.2.2011 **Seminar on Steel Applications**
Bluescope Steel Lysaght co-organised the above seminar at the IEM Penang Secretariat with a good turnout of 54 participants. The speaker was Mr. Santan Pathmanandavel.
- 19-26.3.2011 **Engineering Week 2011**
IEM Annual Event, Engineering Week 2011 was held to recognise the effort of engineers, image building in the community and to provide various activities to members and schools. The activities were as follows:
- 20.2.2011 **Friendly Badminton Games**
This Engineering Week event was friendly badminton matches played with PAM, PBA, JKR, TNB, Bomba, MPPP, PTG at Red Crescent. PAM was the Champion for this year.
- 21.3.2011 **Technical Talk to Underground Utility Detection and Mapping**
The above talk was held at IEM Penang Secretariat with a good turnout of 60 participants. The speaker was Ir. Peter Chin.
- 23.3.2011 **Engineering Career Talk**
30 students attended the above talk held at USM, Nibong Tebal. The speakers were Ms Kay Sock Phohand Ms Khoo Su Ching from Job Street.
- 24.3.2011 **Engineering Career Camp 2011**
IEM Penang Branch organised a 1-day Engineering Career Camp at IEM Penang Secretariat for Form 6 students from SMJK Chung Hwa Confucian, SMK Sungai Ara, SMJK Heng Ee, SMK (L) Methodist, SMK Raja Tun Uda, SMJK Chung Ling, SMJK Perempuan China Pulau Pinang and SMK Free School. The career talk was presented by Ir. Paul Phor Chi Wei. It was followed by visits to M.E.I Project Engineers Sdn Bhd, Jabatan Kerja Raya Negeri Pulau Pinang and Knowles Electronics (M) Sdn Bhd. A total of 8 counselors and 24 students took part.



- 25.3.2011 **Technical Talk on Arbitration**
 Ir. Dr Wong Fook Keong was the speaker for the above talk on "Arbitration" which was held at IEM Penang Secretariat. It was attended by 63 participants.
- 26.3.2011 **Professional Interview Workshop**
 42 participants attended this informative Professional Interview Workshop held at IEM Penang Secretariat. The Expert Panel Speakers included Ir. Mohd. Aman bin Hj. Idris, Ir. Dr Goh Teik Cheong, Ir. Ooi Boon Bow and Ir. Thong Cheong Tai.
- 26.3.2011 **Professional Interviewer Workshop**
 17 participants attended this workshop and the speaker was Ir. Mohd. Aman bin Hj. Idris.
- 26.3.2011 **Book Launching for Book "Northern Builders"**
 100 participants attended the book launching at Penang Club. Y.B. Dato' Lee Kah Choon was the Guest of Honour who launched the book and IEM National President Y.Bhg. Academician Dato Ir. Prof. Dr Chuah Hean Teik was present to share the memorable and meaningful occasion.
- 26.3.2011 **2011 Distinguished Engineer Legacy Lecture**
 Our fellow eminent Penang engineer, Y.Bhg. Dato' Ir. Tan Chong Meng presented his life-long experience on "Events and Memorable Incidents In An Engineer's Life" during his Legacy Lecture held at the Penang Club in conjunction with the Engineering Week. 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.
- 30.3.2011 **Seminar on Forensic Engineering Construction Scene Investigation**
 4 expert speakers shared their knowledge on various topics during this informative geotechnical seminar to 27 participants. The panel speakers were Ir. Ke Geok Chuan, Mt. Eazzarhan Abdullah, Ir. Qua Hock Chye and Mr. Sugito Wibawa.
- 11-12.4.2011 **Course on Fire Control Concepts and Design of Active Wet Systems**
 A 2 day course was held at IEM Penang Secretariat and attended by 15 participants. The speaker was Ir. Gary Lim.
- 14.4.2011 **Technical Talk on Emergency Response Plan (ERP) – What a Facility Could Do in the First Few Minutes?**
 21 participants attended the above talk at IEM Penang Secretariat. The speaker was Ir. Loo Chee Kin.
- 23.4.2011 **Seminar on Integrated Project Management Operation in the Construction and Engineering Sector**
 41 participants attended the above Seminar which was jointly organised with Enterprise Business Solutions Sdn Bhd. Mr. Dareen Vellai and Mr. Franklin Paul were the speakers.
- 25-26.4.2011 **BEM Course on Engineering Management Practice**
 This course was jointly organised with IEM Training Centre Sdn Bhd at IEM Penang Secretariat and attended by 16 participants. The speaker was Cdr (Rtd) Ir. Raymond Swa.
- 28.4.2011 **Technical Talk on Plastics in Construction – Is It A Fire Hazard, and Can It Be Protected?**
 22 participants attended the talk at IEM Penang Secretariat. The speaker was Ir. Loo Chee Kin.
- 6.5.2011 **Seminar on Rehabilitation of Concrete Structure –A Systematic Approach**
 BASF Malaysia Sdn Bhd co-organised the above Seminar with IEM Penang Branch and 30 participants attended. Speakers were Ir. Yap Beng Hong and En. Rosli.
- 20.5.2011 **Technical Dialogue with SPAN and IWK**
 Suruhanjaya Perkhidmatan Air Negara (SPAN) and Indah Water Konsortium (IWK) Sdn Bhd jointly with the IEM Penang organised a short dialogue session with consultant engineers on submission of sewerage development proposals to the authority for approval. A total 43 members attended the dialogue held at IEM Penang Secretariat.
- 20.5.2011 **Technical Dialogue with Bomba**
 IEM Penang Secretariat later held another technical dialogue with government body, Bomba, for the benefit of its members to exchange and update on matters relating to the department. A total of 23 members attended this session.
- 9.6.2011 **Technical Talk on Export of Professional Services: An X-Rated Strategy for Growth**
 Mr. Yeoh Seng Hooi and Mr. Suresh Kumar presented the talk to 15 participants which held at IEM Penang Secretariat.
- 13 -14.6.2011 **Course on Design Concepts of Plumbing and Soil Waste Vent Systems**
 17 participants attended this 2 day course which was presented by Ir. Gary Lim Eng Hwa at IEM Penang Secretariat.



- 27-30.6.2011 **Project Management Certificate Course on PMP Boor Camp: The Success Path to be a Certified Project Management Professional**
PMO Asia Sdn Bhd jointly organised the above course at IEM Penang Secretariat. It was attended by 6 participants. The speaker was Ir. Dr Mui Kai Yin.
- 5.7.2011 **Seminar on Architecture for High-Efficiency, High-Density Data Centres**
The above seminar was a joint effort between APC by Schneider Electric and IEM Penang Secretariat. A total of 30 participants attended seminar at G Hotel.
- 13.7.2011 **Workshop on Malaysia National Annex to Eurocode 7 Geotechnical Design – Part 1: General Rules**
29 participants attended the above workshop held at IEM Penang Secretariat. The speakers were Prof. Brian Simpson and Ir. Tan Yang Kheng.
- 16.7.2011 **Technical Visit to 2nd Penang Bridge**
The visit to the 2nd Penang Bridge was participated by 40 members.
- 18.7.2011 **Course on Payments and Variations in Engineering and Construction Contracts**
The course jointly organised with IEM Training Centre Sdn Bhd and IEM Penang Secretariat was at Bayview Hotel and attended by 63 participants. The speaker was Ir. Harbans KS Singh.
- 19.7.2011 **Course on Extension of Time and Damages in Engineering and Construction**
64 participants attended the course held at Bayview Hotel. The speaker was Ir. Harbans Singh.
- 20-21.7.2011 **BEM Course on Safety and Health at Work**
The above BEM Mandatory Course was held at IEM Penang Secretariat and attended by 29 IEM members. The speaker was Cdr (Rtd) Ir. Raymond Swa.
- 23.7.2011 **Electronic Engineering Technical Division AGM**
The 3rd AGM of the Division was held at IEM Penang Secretariat. A total of 21 members attended this meeting
- 25.8.2011 **Technical Dialogue with JPS**
IEM Penang Secretariat held a Technical Dialogue with JPS, with the aim to exchange and update on matters relating to the department. A total of 35 members attended this dialogue session.
- 23.9.2011 **Dialogue with IEM President**
A total of 5 Executive Committee members drove to Petaling Jaya and met the President and Excomm members for a dialogue session on issue regarding the branch. A fruitful discussion was held and the outcome was a good indication of the strong Head Office support for the branch administratively and for its activities.
- 24.9.2011 **Technical Visit to MDC Precast Industries Sdn Bhd**
21 members visited MDC Precast Industries Sdn Bhd in Sungai Petani. After a successful tour of the plant, the members were treated to lunch by the management.
- 1-6 .10.2011 **Technical Visit to Taiwan**
The 6 days 5 nights technical visit to Taiwan with 20 IEM members was successful held. The event was organised with support from IEET (Taiwan).
- 3-4.10.2011 **Course on Design of Sprinkler System**
A total of 33 participants attended the course held at IEM Penang Secretariat. The speaker was Ir. Gary Lim Eng Hwa.
- 7.10.2011 **Dialogue with JKR**
Once again, IEM Penang Branch held a Technical Dialogue with another government body, JKR, for the benefit of its members. The dialogue provided and avenue for the exchange of information and update on matters relating to the department. A total of 41 members attended.
- 13.10.2011 **Dialogue with CIDB**
A Technical Dialogue was held with CIDB and was attended by 32 members. The dialogue discussed on issue of common interest and matters related to engineering profession with CIDB.
- 14.10.2011 **Technical Visit to Asia Composites Manufacturing Sdn Bhd**
11 members headed by Ir. Lim Kok Khong, made a visit to Asia Composites Manufacturing Sdn Bhd situated in the Bukit Kayu Hitam Industrial Estate.
- 22.10.2011 **Seminar on Welded Mesh-Cut Bent and Reinforcing Steel**
The above Seminar was jointly organised with Southern Steel Mesh Sdn Bhd. The speaker is Ir. Yap Kong Lim.
- 24-25.10.2011 **Course on Cooling Capacity Calculation and Psychometrics**
A 2-day Course was jointly organised with IEM Training Centre Sdn Bhd at Cititel, Penang. The speaker was Ir. Chua Keng Seng.



- 1-2.11.2011 **Seminar on Geotechnical Engineering 2011**
The 2-day Seminar was jointly organised with Geotechnical Engineering Technical Division of IEM. The panel of speakers were Ir. Dr Ooi Lean Hock, Ir. Yee Thien Seng, Ir. Tan Yean Chin, Ir. Oh Chin Wah, Ir. Yee Yew Weng, Mr. Ang Koh An, Ir. Liew Shaw Shong and Ir. Chow Chee Meng.
- 21.2 **Southern Branch**
- 21.2.1 Ir. Mohd Khir bin Muhammad, served as Chairman for session 2011/2012. The total membership of the IEM Southern Branch now stands at 2058 as at 15 March 2012. There 52 Fellow Member, 604 Corporate Member, 603 Graduate Member, 3 Affiliate Member, 2 Incorporated Member and 794 Student Member. The following activities were conducted by the Southern Branch during the session 2011/2012.
- 8.1.2011 **Professional Interview Workshop on “Route to be MIEM/PEng”** was conducted at IEM Southern Branch’s Secretariat in UTM, Skudai, Johor.
- 12.1.2011 **Professional Interview Workshop on “Route to be MIEM/PEng”** was conducted at Sime Darby Engineering Sdn Bhd, Pasir Gudang, Johor.
- 22.1.2011 **A 1-Day Seminar on “Steam Boilers: Safety Requirements, Acts and Regulations”** was presented by Ir. Assoc. Prof. DrYahya bin Ramliat at the IEM Southern Branch’s Secretariat office in UTM, Skudai, Johor.
- 24.1.2011 **A Technical Visit to Iskandar Coastal Highway Project** was arranged for its members.
- 28.1.2011 & 29.1.2011 **2-Day Seminar on “Design Using MES Infra Application”** was presented by MES Innovation Sdn Bhd at the Branch Secretariat office.
- 12.2.2011 & 13.2.2011 **2-Day Career Discovery Talk** was organised by IEM (SB)-UTM Student Chapter at UTM, Skudai, Johor. The four volunteer speakers for the talk were Ir. Sim Tian Liang (Civil), Ir. Dr Shuhaimi bin Mansor (Mechanical), Ir. Dr Lock Kai Sang (Electrical) and Ir. Dr John Eow (Chemical).
- 24.2.2011 **A 1-Day Seminar on “Type Tested Assemblies IEC 61439-1 and Related IEC Standard on LV Switchboard”** was presented by Schneider Electric Industries (M) Sdn Bhd at the Mutiara Hotel, Johor Bahru.
- 3.3.2011 **A Half-Day Talk on “Engineering Wonders With Steel”** was presented by BlueScope Steel (M) Sdn Bhd at The Puteri Pacific Hotel, Johor Bahru.
- 19.3.2011 **The Launching of Engineering Week 2011**, was jointly organised with IEM Southern Branch’s Young Engineers Section at UTM, Skudai, Johor. The activities included a talk on the “Green Building Index” presented by Ir. Mohd. Sallehuddin bin Abd. Hamid, and the Launching of Recycling Center and Tree Planting at IEM-UTM Secretariat Building.
- 23.3.2011 & **2-Day Seminar on “Design Concepts of Plumbing and SWV Systems”** was presented by Ir. Gary Lim Eng Hwa at the Zon Regency Hotel, Johor Bahru.
- 26.3.2011 **A-Half Day Talk on “Design and Detailing of RC Slabs with Welded Steel Fabric (Mesh)”** was presented by Southern Steel Mesh Sdn Bhd at the Zon Regency Hotel, Johor Bahru.
- 9.4.2011 **Engineering Society Sharing Session (ESSS)** was held at IEM Branch’s Secretariat office in UTM, Skudai, Johor Bahru.
- 13.4.2011 **A Half-Day Talk on “Precast Concrete Structures-Design, Detailing, Manufacturing and Construction”** was presented by Mr. Michael Khor of JEKS Engineering Sdn Bhd at the Grand Paragon Hotel, Johor Bahru.
- 16.4.2011 & 17.4.2011 **IEM-UTHM Students Section - Annual Dinner 2011** was held at the Emperor Hotel, Malacca.
- 23.4.2011 **A 1-Day Seminar on “Precast Concrete Structures – Connections and Stability, and Lifting and Handling Solutions”** was presented by Assoc. Prof. Dr Ahmad Baharuddin bin Abd. Rahman from Faculty of Civil Engineering,UTM, Johor, and Mr. John Zhang from J & P Building Systems Pte Ltd respectively, at the Puteri Pacific Hotel, Johor Bahru.
- 24.4.2011 **Talk on “Route to be MIEM/PEng”** was conducted at Universiti Tun Hussein Onn (UTHM), Batu Pahat, Johor.
- 4.5.2011 **A Half-Day Talk on “Computer Aided Engineering (CAE) with Free and Open Source Software (FOSS)”** was presented by Dr Abu Hasan bin Abdullah, Faculty of Mechanical Engineering, UTM,Johor at the IEM Southern Branch’s Secretariat office.
- 21.5.2011 **A Half-Day Talk on “Managing Beyond Stormwater Treatment – A New Approach by Ecoclean Technology** using CDS Technology” was presented by Eco Clean Sdn Bhd at the Zon Regency Hotel, Johor Bahru.



- 21.6.2011 **Talk on 'Route to be MIEM/P.Eng'** was conducted at Dyson Manufacturing Sdn Bhd, Senai, Johor.
- 25.6.2011 **Talk on "History and Development of Pre-Engineered Buildings"** in conjunction with the 38th Annual General Meeting (AGM) of IEM Southern Branch at the Mutiara Hotel, Johor Bahru.
- 25.6.2011 **The 38th Annual General Meeting (AGM) of The Institution of Engineers, Malaysia (Southern Branch)** was conducted at the Mutiara Hotel, Johor Bahru with attendance of about 120 members. The IEM President, Ir. Vincent Chen Kim Kieong was also present.
- 2.7.2011 **IEM (Southern Branch)'s 40th Anniversary Dinner** was held at the Persada Johor International Convention Centre, Johor Bahru, Johor. The dinner was graced by the presence of the Sultan of Johor, Duli Yang Maha Mulia Sultan Ibrahim Ibni Almarhum Sultan Iskandar and the Sultanah of Johor, Duli Yang Maha Mulia Raja Zarith Sofiah binti Almarhum Sultan Idris Shah, Tunku Mahkota Johor and the royal family. Also present were the Chief Minister of Johor, Speaker of State Assembly and State Secretary. IEM (HQ) was represented by the IEM Deputy President, Ir. Choo Kok Beng while Er. Dr Lock Kai Sang, IES Past President, attended on behalf of IES.
- 18.7.2011 **A 1-Day Workshop on "Malaysia National Annex to Eurocode 7 Geotechnical Design – Part 1: General Rules"** was conducted by the Geotechnical Engineering Technical Division of IEM (HQ), and IEM Southern Branch at the Zon Regency Hotel, Johor Bahru. Sirim supported the event.
- 27.7.2011 **A Half-Day Talk on "The Roles of Engineers in Preventing the Spread of Dengue"** was presented by officers from the Ministry of Health, and IEM Southern Branch at Auditorium MJB, Bangunan JOTIC, Jalan Air Molek, Johor Bahru.
- 9.9.2011 & 10.9.2011 **2-Days Seminar on "Geotechnical Engineering"** was jointly conducted by the Geotechnical Engineering Technical Division of IEM (HQ), and IEM Southern Branch at the Zon Regency Hotel, Johor Bahru.
- 21.09.2011 **IEM Southern Branch Open House-Hari Raya Aidilfitri 2011** was held at Johor Golf & Country Club, Johor Bahru
- 8.10.2011 **A Half- Day Talk on "Concrete Technology, Concrete Repair, Concrete Protection, and Structural Strengthening"** was conducted at the Mutiara Hotel, Johor Bahru.
- 20.10.2011 **A 1-Day Seminar on "Geosynthetics for Geotechnical, Civil, Hydraulic and Environmental Engineering – Design, Application and Worldwide Case Histories"** was presented by Tencate Geosynthetics Malaysia Sdn Bhd at the Grand Paragon Hotel, Johor Bahru.
- 24.10.2011 & 25.10.2011 **2-Days Seminar on "Infrastructure Design"** was presented by MES Innovation Sdn Bhd at the Selesa Hotel, Johor Bahru.
- 10, 11 & 12.11.2011 **3 Days Course on "Overview of Power System Protection"** was conducted by the IEM Training Centre, and supported by IEM Southern Branch in UTM, Skudai, Johor Bahru.
- 18.11.2011 & 19.11.2011 **BEM Mandatory Course on Safety and Health at Work** was conducted by the IEM Training Centre, and supported by IEM Southern Branch in UTM, Skudai, Johor Bahru.
- 19.11.2011 **The Inter-Branched Golf Tournament** between IEM – Southern, and IEM Negeri Sembilan and Melaka Branches was hosted by IEM Negeri Sembilan, and played at the Seremban International Golf Club, Negeri Sembilan.
- 8.12.2011 **A Technical Visit to Mechmar Boiler Factory** was arranged for IEM Southern Branch members.
- 21.3 Sabah Branch**
- 21.3.1 A total of 10 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.
- 21.3.2 Ir. Teo Chee Kong was re-elected as Branch Chairman for the 2010/2011 session when the branch had its 36th Annual General Meeting at the IEM (S) Training Centre. This was held on 30 October 2010. The total branch membership stood 1,095 as at 15 March 2012 with 1 Honorary Fellow Member, 39 Fellow Member, 427 Corporate Member, 414 Graduate Member, 1 Incorporated Member and 213 Student Member.
- 21.3.3 During this session, several courtesy calls were made to government agencies and Ministries such as to JKR Director, Y.Bhg. Datuk Ir. John Anthony and DID Director, Ir. Ng Chee Hing on 9 April 2010 and 15 April 2010 respectively. There were also courtesy calls on Assistant Minister of Local Government and Housing, Y.B. Datuk Ir. Edward Yong on 4 May 2010, and courtesy call on Deputy Chief Minister cum Minister of Infrastructure Development Sabah, Y.B. Tan Sri Joseph Pairin Kitingan on 6 May 2010. Other courtesy calls included to the Assistant Minister in the Chief Minister's Office, Y. Bhg. Datuk Edward Khoo on 9 May 2010 and to the President of Sandakan Municipal Council, Y. Bhg. Datuk Ir. James Wong on 11 October 2010.



For the year 2011, 4 courtesy calls were made during the session to

- Y.B. Datuk Abidin Madingkir, Mayor of DBKK on 15 April 2011
- Y.B. Datuk Matius Sator, Permanent Secretary of Ministry of Local Government and Housing on 24 June 2011
- Y.B. Tan Sri Datuk Panglima Joseph Pairin Kitingan on 19 August 2011
- Y.B. Datuk Ir. Edward Yong, Asst Minister of Local Government and Housing on 8 September 2011

Besides the Brnch Committee reaching to related governmental departments, they also received a courtesy call made by the SHAREDAs delegates on 15 September 2011.

- 21.3.4 Early year of 2010, the branch submitted the names of engineers to be represented in the various local authority offices as Councilors. Unfortunately, the list will only be considered in the next council line-up. Nevertheless, the branch had requested to have its members to be sited in meetings as observers. MLGH is currently looking into the branch's request.
- 21.3.5 IEM Sabah had successfully organised the Fund Raising dinner on 15 May 2010 which was intended to fund the building of a training centre at KKIP. From the event, the branch managed to collect RM 330,000.00 with the total amount collected to date at RM800, 000.00.
- 21.3.6 A trip conducted by IEM Sabah Branch to Sandakan was held on 11 October 2010. The programmes lined-up during the visit were the Courtesy Call on President of Sandakan Municipal Council, Technical Visit to Biomass and Bioenergy plants and meeting with officers of Sandakan based at the East Coast of Sabah. With the assistance of IEM Sandakan liaison officers, Ir. Raymond Hiew and Ir. Lou Chi Nam, all three agendas were successfully executed.
- 21.3.7 The branch is trying to reach out to all engineers via emailing. This was due to the escalating cost of postages and the slow arrival of mails to members. Currently, 60% of Sabah Engineers are having e-mail addresses. The branch is also trying to formulate and design an effective website for Sabah members which will hopefully include the on-line verification of CPD.
- 21.3.8 The Professional Interview Board at IEM Head Office had handled 18 new PI applications. These consist of 10 from civil, 1 mechanical, 6 from electrical and 1 chemical disciplines. To date, there were 3 applications pending for appointment of interviewers, 8 applications are still in progress, 10 applications are referred back to head Office and 1 outstanding case.
- 21.3.9 The Young Engineers Section Committee led by Engr. Daniel Wong Chen Eng for this session had successfully organised several activities. These included the Launching of IEM-UMS Student Section on 30 March 2010. The main aim in setting up student section is to guide young aspiring engineers to the route of becoming professional engineers. Besides this, the UMS students, who are associated with the YES, also attended the Shell Eco-Marathon Competition in July 2010. Students were equipped with their prototype vehicle and uniform partially sponsored by IEM Sabah Branch. The YES had also requested for more induction courses. The Branch is taking up this task and will work with ACEM.

Engr. Shevon Chia took over the leadership of the YES for 2011. The activities undertaken by them were:

- Participating in the YES Summit in Sarawak in March 2011
 - Archery Competition on 11 March 2011
 - YES / IEMTMC Gathering on 16 March 2011
 - One Day Seminar on "Energy Efficiency" 16 June 2011
 - Blood Donation campaign on 19 June 2011
 - My Engineering Story Which closing date was 15 October 2011
 - Mudball making and Throwing 29 October 2011
 - Futsal Competition on 10 September 2011
 - Organised talk on "DBKK Submission Guidelines" 27 September 2011
- 21.3.10 The 10th IPB Games 2010 supposedly to be held in year 2010 and to be organised by the Malaysian Medical Association, Sabah Branch had been postponed. MMA had recently contacted other NGOs involving in the IPB Games to assist and taking over the task.
- 21.3.11 The IEM Fellowship Golf 2010 was held on 9 October 2010 involving 39 engineers and invitees. The event was fully sponsored by Bluescope Lysaght Sabah. The sport was made possible with Ir. Wong Shun Khing leading the organising team assisted by Ir. Ng Loong Fah and Ir. Tang Kok Yon.
- 21.3.12 The Branch Technical Visit had successfully organised seven technical visits namely to Colorcoil Industries S/B Factory at Telipok on 6 March 2010, Steel Industries factory on 8 May 2010 and several others including to the Royal Malaysian Navy Base in Sepanggar Bay on 23 October 2010. In 2011, 4 successful technical visits were organised as follows:
- Visit to Timplas factory on 9 March 2011
 - Visit to DBKK Sludge Dewatering plant at Kolombong on 26 March 2011
 - Visit to Weida Factory on 22 September 2011
 - Visit to SESB Alam Mesra Main Intake on 8 October 2011
- 21.3.13 During the session, the Seminar and Trainings Sub Committee had collaborated with SEA, SESB and ACEM in organising various courses and talks. The Branch had also supported a year end conference event "GeoTropika", organised by UTM Space. This event was held from 1-3 December 2010.



- 21.3.14 IEM Sabah Toastmasters Club, newly elected President is Engr. Shaji Sugathan. Due to the low number of members, the club had once again embarked on a membership drive to improve its membership. Members joining the club and participate in their activities will be awarded various CPD hours. The monthly meeting is now held on every third week Thursday, at 7.30 p.m.

Their place of gathering is at the IEM Sabah Secretariat office, Damai Point. In 2011, Ir. Jess Vun became the newly elected President of the IEM Toastmaster Club. An installation lunch was organised on 10 September 2011 which saw the new office bearers taking their oath of honour. The Guest of Honour of the luncheon was Y.B. Datuk Ir. Edward Yong, Assistant Minister of Local Government and Housing.

- 21.3.15 The UMS Liaisons chaired by Prof. Dr Rusalam Sarbatly, is also the Dean of School of Engineering and IT. He is assisted by Engr. Dr Rachel Fran Mansa and Engr. Chua Bih Lih, both lecturers of UMS. Among activities undertaken by the Sub Committee included Launching of the IEM –UMS Student Section on 30 March 2010 and Sponsorship of the UMS team to Shell Eco-Marathon Asia Pacific Competition at Sepang International Circuit, Kuala Lumpur from 7-10 July 2010. A talk on "Professionalism in Engineering" by Ir. Paul Yap and Ir. Benny Soong was held on 21 August 2010 during their IEM Branch Open Day. The Sub Committee had also organised the IEM Student Section meets between UMS and Curtin University in Miri. A visit was also made to IEM Miri Branch and Shell Sarawak Berhad. For the year 2011, the Sub Committee organised a career guidance talk at UMS and the speakers were Ir. Lo Chong Chiun and Ir. Tang Kok Yon. The talk was on 6 April 2011. On 8 October 2011, the technical visit to SESB Alam Sesra Sub Station was organised by the YES.

- 21.3.16 The 34th Annual Dinner was held on 27 November 2010 at the Grand Ballroom, Magellan Suter Harbour Resort Kota Kinabalu. The Guest of Honour of that night was Y.B. Datuk Masidi Manjun, Minister of Tourism, Culture and Environment. His presence was in line with the theme of the event being "Sustainable Green Engineering". The highlight of the programme was the handover of the chain of office from the Immediate Past Chairman, Dato' Ir. John Chee, JP to Ir. Teo Chee Kong, the incoming Chairman. The latter proceeded in introducing his Executive Committee line-up for the new session of 2009/2010.

The 35th Annual Dinner was held on 26 November 2011. The Guest of Honour was Y.B. Tan Sri Datuk Seri Panglima Joseph Pairin Kitigan, Deputy Chief Minister cum Minister of Infrastructure Development. A total of 112 tables were sold.

- 21.3.17 The submission of DP & BP on the IEM Training Centre at KKIP was made through architect firm, Arkitek ADK, and with due approval from the relevant authorities. During the session, tender on piling works was also made via the surveyor office, Perunding Kontrak Ting. Piling works was recently awarded to Pembinaan DGE at a contract price of RM 65,548.00. Recent contributions towards the realisation of the Training Centre were by ACEM panel members, PY Konsep perunding S/B, Perunding Era Daya Sdn Bhd and Noa Consult.
- 21.3.18 The Committee of Regulating the Clerks of Works and Supervisors had a meeting with City and Guilds. A presentation on the various subjects and syllabus offered by them was made. Following from the meeting, the committee refined their course structures. With the near completion of the structures of the course, it is now expected the course to commence next year. Nevertheless, the Sub Committee faced obstacles in getting lecturers. Engineers are welcome to contribute in an effort to improve the delivery service of engineering supervision.
- 21.3.19 Sub Committee on Lady Engineers headed by Engr. Shevon Chia had enhanced the efforts to reach the lady engineers residing in Sabah. This could be seen with the set up of a facebook account for this purpose. It was unfortunate to note that to date, the numbers responding to the Sub Committee remained minimal. A meeting was held with the National representative of Sub Committee on Women Engineers, Ir. June Lau Yuk Ma in June 2011.
- 21.3.20 IEM Sabah Branch had also participated in numerous meetings with governmental and non-governmental departments. These meetings are intended to assist in the developments 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 are DBKK High Risk Development Technical Sub Committee Meeting, DBKK Traffic Impact sub-Committee Meeting and others.
- 21.3.21 The Technical Tour Sub Committees also organised two very successful International tours to Taiwan and Singapore. The tour to Taiwan was from 16-20 June 2011 and places visited were National Centre of Research on Earthquake Engineering, T 101 Tower, earthquake Museum and Shih Kang dam) Taiwan, 101 Tower, Earthquake Museum and Shih Kang Dam. The event was participated by 9 members.

The tour to Singapore was from 20-23 July 2011 and places visited were the Samwoh Green Building, NEWater Plant, Marina Barrage, Desalination Plant and Land Transport Authority. 36 members participated in the trip.

21.4 Sarawak Branch

- 21.4.1 Ir. Alan Tan Khiok Chun was elected as the Chairman of the Branch for the 2011/2012 session. The membership of the Branch at 15 March 2012 was recorded as 1,565 with 32 Fellow Member, 607 Corporate Member, 502 Graduate Member, 1 Associate Member and 423 Student Member.
- 21.4.2 The Branch held its 43rd Annual General Meeting on 25 June 2011 at the Auditorium, Ultimate Professional Centre and a total of 105 members attended the meeting.
- 21.4.3 The Branch reported that during the session, it had actively organised the following activities

- 21.2.2011 An International Seminar on: "Engineering a Sustainable Development: Role Played by Geotechnical Engineering" was organised in collaboration with IEM HQ at the Grand Margherita Hotel, Kuching. The invited speakers are Engr. Prof. Dr Chu Jian, Prof. Dr Bujang Kim Huat, Dr Leong Kam Weng, Ir. Dr Loke Kean Hooi, Ir. Albert Ho and Ir. Mark Wallace. The Seminar attracted some 56 engineers.



- 1-3.2011 Seminar on "Engineering Wonders with Steel" by Santan Pathmanandavel was organised at the Branch's auditorium. Santan Pathmanandavel shared his knowledge and insights of steel application for pre-engineered buildings, structural decking and lightweight trusses based on his vast experience in the subject matter. A total of 37 engineers attended the Seminar.
- 16-17.3.2011 Ir. Cdr. (Rtd) Raymond Swa presented the BEM Mandatory Course on: "Engineering Management Practice" at the Auditorium, UPC. The Course was attended by 43 engineers from various disciplines.
- 31.3-1.4.2011 A Course on: "Fire Control Concepts and Design of Active Wet Systems" was held at Auditorium, UPC. The Course helped participants to understand the Risk Management Process and Major causes of Fire Losses; the principles of combustion, fire behavior; identify the possible causes of fire and explosion (gas and dust) like static electricity.
- 9-10.5.2011 BEM Mandatory Course on: "Code of Ethics/Regulations" by Cdr Ir. Raymond Swa (Rtd). The attendance recorded 39 engineers for this 2-day Course.
- 11.5.2011 Ir. Harbans KS Singh presented a 2-day Course on: "Payments and Variations in Engineering and Construction Contracts" to 53 engineers at the Auditorium, UPC.
- The principal aims of the above course are to expose the participants to:
- The substantive matters pertaining to extension of time and damages.
 - The prevailing provisions in the more commonly occurring Standard Forms of Conditions of Contract pertaining to the instant subject, their nature, effects and limitations.
 - The important procedures to the application, assessment and certification of extension of time and/or damages.
 - The legalities pertaining to the topics under consideration inclusive of the review of the relevant case law.
- 25.6.2011 A Talk on "Duties and Responsibilities of the Padawan Municipal Council (PMC)" was presented by Ir. Cr. Lo Khere Chiang, who is also the Chairman of PMC. The talk was also delivered by En. Abdul Razak bin Abang Bini. The talk highlighted on the History of Majlis Perbandaran Padawan (MPP) (Profile MPP, Area of Jurisdiction), core functions and municipal development's current issues.
- The 43rd AGM of the Sarawak Branch was later held on the same day with attendance recording at 105.
- 15-7.2011 The Sarawak Branch organised a One-Day Workshop on: "Malaysia National Annex to Eurocode 7 Geotechnical Design-Part 1: General Rules", organised by Geotechnical Engineering Technical Division, IEM HQ and proudly supported by SIRIM, ACEM (Sarawak Branch) and the IEM (Sarawak Branch). Both Prof. Brian Simpson and Ir. Tan Yang Kheng delivered the Workshop to some 46 participants.
- This workshop explained the Principles and Application Rules given in Eurocode 7 and relevant National Annex and discussed how they should be interpreted and applied, and illustrated the impact of the new code by practical hands-on calculations in worked examples.
- 19.7.2011 Ir. P.E. Chong briefed on the recent developments in the laws and regulations which may affect the practices of the professional engineers as a result of the liberalisation of the professional services including the engineering services in the trades and services with other nations and promotion of other legislations within Malaysia, such as the setting up of the Board of Technologists, Building Surveyors Act, and Amendment of the Valuers' Act etc. The Dialogue titled "Recent Development in the Law and Practices" was held at Auditorium, UPC.
- 19.7.2011 The Chairman and Committee of Sarawak Branch paid a courtesy call upon Y.A.B. Chief Minister of Sarawak on the development of proposed Sarawak International Engineering Centre.
- 23.8.2011 The Sarawak Branch organised a Mini Workshop on: "Environmental Protection and Management in Sarawak" at Auditorium, UPC. The Workshop outlined:
- Environmental Impact Assessment (EIA), Prescribe Order of the NREB and open burning activities by Mr. Tsai Koh Fen.
 - Post EIA monitoring and enforcement activities of the NREB by Environmental Control Officer Mr. Edmund MacMiller.
 - Routine water, air and soil quality monitoring and solid waste management efforts of the NREB by Environmental Control Officer, Mdm. Mary Magdalen Lutok.
 - Planning for measures and environmental projects by NREB and other stakeholders by Senior Environmental Control Officer, Ms. Tang Hung Huang.
 - Environmental Education and Awareness Programmes of the NREB by Environment Control Officer, Mdm. Christhe Mansom.
- The Workshop received a good response, recording at 54 participants.
- 25.8.2011 A Seminar on: "Structural Concrete Repairs" was delivered by Ir. Steven Ng Si Yoon and Mr Toh Seng Chee. The Seminar fully sponsored by Sika Kimia Sdn Bhd received registrations approximately 85 engineers. The Seminar was held at Auditorium, UPC.



28.9.2011 Schneider Electric Industries (M) Sdn Bhd sponsored a Seminar on: "IEC 60439-1 Standards for Type-Tested Assemblies". IEC Standards is a list of standards published by the International Electrotechnical Commission. The IEC is the world's leading organisation that prepares and publishes International Standards for all electrical, electronic and related technologies, collectively known as electrotechnology.

13-15.9.2011 The Sarawak Energy Berhad jointly organised with the Branch a Course on: "Distribution Substation Design", which were held at Grand Continental Hotel, Kuching.

The Course was presented by Ir. Thum Peng Chew. The purpose of this course is to address the design issues of 33/11 kV distribution substations, particularly the open terminal type by bringing to focus the important factors in the selection of busbar configurations, layout of primary equipment, impact of transformers, circuit breaking and enclosure technology, lightning shielding, insulation coordination principles, protection and earthing.

It attempts to answer questions such as "How are busbar configuration selected and designed?", "How does transformer neutral earthing impact insulation levels?", "What circuit breaking and enclosure technology is relevant?", "How does lightning shielding, transformer neutral earthing, and earthing impact insulation coordination?" To increase the benefits to the participants, it is required that they are fully engaged in actual hands-on exercises during the course.

21.5 Eastern Branch

21.5.1 With the Eastern Branch moving to Pahang, and as reported in the last Annual report, the branch members decided to form separate branches. The eastern branch comprising of members from Pahang, Kelantan and Terengganu therefore submitted a petition of over 50 signatures to the Head Office to form individual branches in the respective states. The IEM Council approved the request and the Eastern Branch was therefore dissolved and closed at the 379th Council meeting held on 17 October 2011. The respective Branches will set up Protem Committees to register the Branch with their ROS.

21.6 Perak Branch

21.6.1 Ir. Chan Choong Mun took over the Chairmanship for the 2010/2011 session. The membership of the Branch as at 15 March 2012 was 1,567 with 1 Honorary Fellow Member, 16 Fellow Member, 328 Corporate Member, 429 Graduate Member, 2 Affiliate Member, 4 Incorporated Member, 3 Associate Member and 784 Student Member. During the session, only nine month meetings were held to look into the management and activities of the Branch.

21.6.2 A total of 21 candidates had been assigned to the Branch to conduct their Professional Interviews.

21.6.3 The Branch also sends out regular announcement on activities planned for the members.

21.6.4 The Branch conducted the following activities for the session:

21.2.2011 Seminar on Design Using MES Infra Application

The seminar was held at IEM Perak Branch building with 40 participants in attendance.

19-20.7.20112 Day Seminar on Towards an "Ideal Project" Implementation Thru "Project and Valu Management"

The seminar was held at Tower Regency Hotel, Ipoh with 150 participants. The speakers were Ir. Frankie Chong and Dr Mohd Mazlan Che Mat.

22.9.2011 ½ Day Seminar On General Applications of Geosynthetic Clay Liner for Landfill and Hazadous Waste and Road and Railway Applications on Soft Ground Using Geosynthetic Reinforcement

The Seminar was held at IEM Perak Branch building with 45 participants. The speakers were Mr. Jörg Klompaker and Mr. Kim Har of of BBG Bauberatung Geokunststoffe GmbH & Co. KG, Germany.

21.6.8 The YES of the IEM Perak had been organising meetings in order to facilitate the operation of the YES. This included visit to charity homes and games among its members.

21.7 Malacca Branch

21.7.1 Ir. Vellan s/o Vengo Perumal took over the Chairmanship from Ir. Mohd. Khalid bin Nasir in January 2012 and the Branch membership was noted at 583. There are 10 Fellow Member, 114 Corporate Member, 249 Graduate Member, 2 Associate Member and 208 Student Members registered as at 15 March 2012.

21.7.2 The Branch Committee conducted a total of 3 committee meetings for the year 2011. The meetings were conducted as and when required, to discuss events or activities. For the year 2011, the Branch conducted the following activities:-

26.4.2011 The Half Day Seminar on Concrete Repair and Admixtures to Protection Coatings was participated by 25 members.

19.3.2011 A One day Seminar on Pavement Condition Assessments (PCA) Methods was attended by 40 members.

9.4.2011 This Half Day Seminar on Integrated Green Technology for Stormwater Management, River Cleaning, Foul Water Treatment and Renewable Energy was participated by 22 members. The Branch also held its 24th Annual General Meeting at the Avillion Legacy Melaka.



- 23-24.4.2011 25 participants attended the 2-Day Course on Reinforced Concrete Design to Eurocode 2.
- 30.4.2011 A One Day Seminar on Infrastructure Design Using MES Software was arranged and participated by 39 members.
- 18.06.2011 A Half Day Seminar on Design and Detailing of Slab With Welded Steel Fabric (MESH) as a More Economical Design Alternative was attended by 20 members.
- 17.8.2011 A Half-Day Seminar on Pressure Reduction, Surge and Level Management for Building Application and Water Utility Using Automatic Control Valve and participated by 11 members.
- 26.8.2011 A Half-Day Technical Visit to Water Supply at Rembia Industrial Estate at Alor Gajah, Melaka was arranged for the members of the Branch.
- 21.7.3 Ir. Mohamed Salleh bin Yunus also represented the IEM Melaka Branch to attend the Mesyuarat Jawatankuasa Lalulintas dan Pengangkutan with Majlis Bandaraya Melaka Bersejarah (MBMB).
- 21.8 Negeri Sembilan Branch**
- 21.8.1 Ir. Mohammed Noor bin Abu Hassan took over the Chairmanship of the Branch from Ir. Tuan Hj. Baharuddin bin Ahmad Nasir on 18 June 2011.
- 21.8.2 The membership of the Branch as at 15 March 2012 was at 679 (8 Fellow Member, 159 Corporate Member, 232 Graduate Member, 1 Incorporated Member and 279 Student Member).
- 21.8.3 The branch had successfully organised the following activities for the session under review:
- 18.1.2011 **Technical Visit to Tuanku Power Plant, Port Dickson**
The visit was attended by 17 members. The participants were briefed by the Plant General Manager on the operation of the two blocks of 750 MW Combined Cycle Power Plant. The briefing also included gas fired power plants, the state-of-the-art technologies and best industry practice in power generation.
- 24.3.2011 **Professional Interview Workshop and Career's Talk at Politeknik Port Dickson**
The PI workshop was attended by 30 engineering lecturers while the career's talk was attended by 200 final year students. The speaker was Ir. Noor Hisham Yahya.
- 21.4.2011 **Professional Interview Workshop at INTI College, Nilai**
The workshop was attended by 40 engineers and was conducted by representatives from IEM HQ.
- 10.5.2011 **Professional Interview Workshop at Indah Water Konsortium (IWK)**
The workshop conducted by Ir. Noor Hisham Yahaya was attended by 12 engineers from IWK and SAINS.
- 18.6.2011 **18th AGM of the Branch**
The 18th Annual General Meeting of the Branch was held at IEMNS Building. It was officiated by Ir. Vincent Chen Kim Kieong, IEM President. Prior to the AGM, a very interesting talk on "Rainwater Harvesting System" was delivered by Ir. Assoc. Prof. Dr Aminuddin bin Mohd. Baki.
- 9.9.2011 **Technical Talk on Baytec PmB Concrete Protection System**
21 members participated in the talk delivered by Mr Adrian John Pike of Pitchmastic PmB Limited International.
- 22.9.2011 **Technical Talk on Resource Efficient Sanitary Sytem for the Future**
Mr. Yale Wong presented the talk to 32 members.
- 22.9.2011 **Jamuan Hari Raya**
A Hari Raya celebration gathering was held at IEM NS Branch office and was well attended by members, head of government departments, friends and family members.
- 30.9 – 2.10. 2011 **IEM NS Retreat**
The Committee members held a brainstorming retreat in Kota Kinabalu to discuss and adopt direction for the development of the Branch and to plan for activities to be carried out for Session 2011/2012. There were also dialogue sessions with Ir. Choo Kok Beng, IEM Deputy President. A courtesy visit and discussion session was held with IEM Sabah Branch at the branch office.
- 9.11.2011 **Technical Visit to Middle Ring Road Seremban**
28 members attended the technical visit.
- 19.11.2011 **8th IEM Southern Branch Region Golf Tournament**
IEM NS Branch hosted the 8th IEM Southern Region 3-Cornered Golf Tournament (IEM- Negeri Sembilan – Melaka and Southern Branch) at Seremban International Golf Club. IEM NS Branch emerged champion for the tournament.



23.11.2011 **Technical Visit to Pahang – Selangor Raw Eater Transfer**
18 members attended the technical visit at Hulu Langat, Selangor. Before visiting the transfer tunnel, participants were briefed by the project consultants and contractors.

30.11.2011 **Technical Visit to Women and Children New Ward Block, Hospital Seremban**
16 members participated in the technical visit of the construction of the new block which included obstetric wards, gynecology wards, pediatric wards, neonatal intensive care unit (NICU), specialists office and satellite pharmacy.

During the year the Branch also conducted 12 Professional Interviews with 6 candidates from Civil, 4 from Mechanical and 2 from Electrical Engineering disciplines.

21.9 **Miri Branch**

21.9.1 Ir. Goh Soon Boon was elected as the new Chairman of the Branch for session 2011/2012. The Branch membership is at 347 with 13 Fellow Member, 93 Corporate Member, 131 Graduate Member, 1 Affiliate Member and 109 Student Member registered as at 15 March 2012.

21.9.2 **The Executive Committee**

During session 2010/2011, 12 Committee meetings were held to manage the affairs of the Branch in accordance the Branch Constitution and Bylaws. The new IEM Miri Branch Rules was accepted in the Special General Meeting on 6 November 2011. A transition period of a year from 2011 to 2012 session would have to be fixed for the Branch to adjust to the new Branch Rules. It would be fully effective for year 2013.

21.9.3 **Branch Office**

Mr Loo Teck Chai had been with the Branch as its Administrative Assistant since February 2008. IEM Miri Branch's email address is iem_miri@streamyx.com or iem.miri@gmail.com and website address is www.iem-miri.org.my.

The Executive Committee for session 2010/2011 proposed a permanent centre for IEM Miri Branch to former Deputy Chief Minister Y.B. Datuk Patinggi Tan Sri Datuk George Chan and the decision is pending the Deputy CM's approval.

21.9.4 **Professional Development**

Three candidates were interviewed (1 civil, 1 mechanical, and 1 electrical) for admission as Corporate Member of the Institution; A Workshop on Corporate Membership and P.Eng was held at IEM Miri office on 29 October 2011 and the key speakers were Ir. Richard Teo, Ir. Steven Chin, Ir. Molly Sim and Ir. Teo Cheng Khiang. The workshop was facilitated by Ir. Dr Lau HH.

21.9.5 **IEM/BEM Membership Drive**

IEM Recruitment Drives were conducted throughout the year of 2011. Three direct recruitment drives were conducted for Shin Yang Groups, Petronas Carigali and Sarawak Shell Berhad

21.9.6 **Courses and Seminars**

A total of 62 CPD/PDP worth of activities were organised by IEM Miri Branch since November 2010 to December 2011. IEM Miri Branch successfully conducted SKM course for Power Tool for Windows on 21-25 February 2011, Two-Day Course on Payments, Variations, Extension of Time and damages in Engineering and Construction Contracts on 18 -19 May 2011, and BEM mandatory course on Safety and Health at Work on 21 -22 May 2011.

21.9.7 **Technical Visits**

IEM Miri Branch organised a Technical Visit to Wehaya Workshop on 19 March 2011, SSB Qua Vac Vacuum Sewerage Treatment Plant at Piasau Camp on 14 May 2011, and SOP's Palm Oil plant at Lambir on 27 August 2011.

21.9.8 **Fellowship and Community Outreach**

Three newsletters had been published on February, July and October of 2011. Newsletters are posted on the IEM Miri Branch Web Site; hard copies of the newsletters are also available at the Branch office.

Two existing Memorandum of Understanding (MoU) with Curtin University Sarawak Campus and Sarawak Shell Berhad were renewed for another five (5) years until 2016. Whereas two new MoU were signed between IEM Miri Branch with Pekerjaan Piasau Konkerit (PPK) Sdn Bhd and Riaplus Sdn Bhd for five years until 2016.

IEM Miri Branch welcomed the visiting National Engineers Australia President Merv Lindsay to a lunch and a dialogue at Imperial Palace Hotel on 14 March 2011.

YES Miri sent ten (10) delegates to attend the annual YES National Summit in Kuching, Sarawak from 25-27 March 2011.

The Annual 3rd Build and Break competition was held at Bintang Mega Mall on 2 April 2011 and participated by 8 schools (26 teams) with a total of 150 students. SMK Dato Permaisuri was champion for the competition.



On 1 October 2011, the Branch Successfully organised "ENGINEER YOUR CAREER" with Young Engineers Section (YES). Upper Secondary School Science students from various secondary schools in Miri, as well as their teachers and parents attended the talk.

IEM Miri Branch donated RM 1,800 for Miri Methodist Children's Home New Building fund. The hand over cheque ceremony was held on 17 September 2011.

21.9.9 Activities and Projects

The following activities and projects were organised from November 2010 until December 2011

6.11.2010	12th Annual General Meeting.
6.1.2911	Courtesy Visit to Chairman of Shell Malaysia and Managing Director of Sarawak Shell Berhad, En. Annuar bin Taib.
24.1.2011	Handover donation to YES IEM Miri Branch by Y.B. Datuk Pattingi Dr George Chan at SUPP Miri Branch office.
29.1.2011	Courtesy visit to Chairman of Miri Housing Group, Y.B. Dato Lau Siew Wai.
8.2.2011	IEM Miri Branch Chairman Chinese New Year Open House.
21-25.2.2011	SKM course for Power Tool for Windows at Sarawak Shell office. 5 participants from Sarawak Sarawak Berhad joined the course.
14.3.2011	Engineers Australia (EA) National President visit. IEM Miri Branch hosted the welcoming lunch at Imperial Palace Hotel. EA together with IEM Miri Branch organised a Networking Night at Imperial Hotel, Miri.
16.3.2011	Latest Developments in Engineering World by Ir. Dr Lau Hieng Ho during Shell Global Project Directors Forum at Marriot Resort and Spa.
19.3.2011	Technical Visit to Wehaya Sdn Bhd at Piasau Industrial Estate. 20 members joined the visit.
25-27.3.2011	Young Engineer Section (YES) Summit 2011 at Kuching Sarawak. 10 YES members from Miri Branch attended the summit.
28-29.3.2011	Two-Day course on Design Concepts of plumbing and SWV Systems facilitated by Ir. Gary Lim Eng Hwa. 23 participants joined the course at IEM Miri Branch office.
2.4.2011	3rd Annual Build and Break Competition at Bintang Megamall. 10 participating schools with 20 teams in total.
16.4.2011	IEM Gold Medal Award 2010/2011; Recipient Ms. Yong Hui Li from Chemical Engineering Curtin Sarawak.
24.4.2011	Technical Visit to Sartex Silk Factory at Desa Senadin. 15 members joined the visit.
6.5.2011	Membership Drive at Shin Yang Group.
7.5.2011	Curtin Award and Scholarship Ceremony 2011.
14.5.2011	Technical Visit to SSB Qua Vac Vacuum Sewerage Treatment Plant at Piasau Camp. 15 members joined the visit.
18-19.5.2011	Two-Day course on Payments, Variations, Extension of Time & Damages in Engineering and Construction Contracts facilitated by Ir. Harbans Singh KS. 10 participants joined the course at IEM Miri Branch office.
20-21.5.2011	BEM mandatory course on Safety and Health at Work. 20 participants joined the course at IEM Miri Branch office.
20-22.5.2011	Young Engineers PUJA Technical/Social Visit to IEM Miri Branch.
25.5.2011	Dialogue with IEM Vice President, Ir. P.E. Chong at Imperial Palace Hotel.
25.5.2011	IEM Miri Branch-Curtin Sarawak Memorandum of Understanding (MoU) Signing Ceremony.
17.6.2011	Membership Drive at Sarawak Shell Berhad.
13-15.7.2011	7th International Conference of Steel and Aluminium Structures (ICSAS) 2011 at Kuching Sarawak attended by IEM Miri Branch Chairman.
15.7.2011	IEM Miri Branch-Sarawak Shell Bhd Memorandum of Understanding (MoU) Signing Ceremony.



- 20.7.2011 Membership Drive at Petronas Carigali.
- 25-27-7.2011 Australia ASEAN Engineers Congress 2011 at Kuching Sarawak attended by 3 EXCOM members from IEM Miri Branch.
- 5.8.2011 Technical Visit to RTM station Miri. YES contributed to Malay and Chinese live programs during the visit.
- 27.8.2011 Technical Visit to SOP Oil Palm Plant: Facilitated by Ir. Molly Sim, 26 participants visited this SOP Oil Palm Processing Plant at Lambir.
- 9.9.2011 IEM Miri Branch – Pekerjaan Piasau Konkerit Sdn Bhd Memorandum of Understanding (MoU) Signing Ceremony.
- 10.9.2011 Curtin Open Day: YES opened booth during the open day.
- 10.9.2011 IEM Miri Branch – Riaplus Sdn Bhd Memorandum of Understanding (MoU) Signing Ceremony.
- 1.10.2011 Engineer Your Career Talk at Pustaka Miri.
- 29.10.2011 Professional Engineer (PE) Workshop at IEM Miri Branch office.
- 10.11.2011 Seminar on Selecting Structural Decking as Preferred Construction Method.
- 6.11.2011 13th Miri Annual General Meeting and Branch Annual Dinner at Parkcity Everly Hotel.

21.10 Kedah/Perlis Branch

- 21.10.1 Ir. Hor Tek Lip took over the Chairmanship of the Branch from Ir. Hj. Mohd. Saiful bin Hj. Mohd. Sohod for the session 2011/2012 on 5 May 2011. The membership of the Branch is at 1,050 with 9 Fellow Member, 190 Corporate Member, 285 Graduate Member, 2 Incorporated Member, 564 Student Member were registered as at 15 March 2012. The Branch conducted the following activities:

- 7-8.3.2011 2 Day Seminar on Design Using MES Infra Application was attended by 25 members at the Hotel Star City, Alor Setar, Kedah.
- 5.5.2011 A Seminar on Introduction to Malstore Water Reservoir/Tank was organised in conjunction with the AGM at the Hotel Star City, Alor Setar, Kedah and 40 members were present.
- 28.7.2011 A Half Day Seminar on Reinforced Earth was organised and attended by 25 members. The venue was at IEM Kedah/Perlis Branch.
- 28.7.2011 Another Half Day Seminar on Material and Specification For Concrete was held and attended by 26 members. The venue was also at the IEM Kedah/Perlis Branch.
- 20.10.2011 A Tea Talk on Water Balance and Water Resources Studies and Flooding in Perlis State was organised at Dewan IEM Kedah/Perlis Branch with 23 members present.
- 17.11.2011 The Branch conducted an evening talk on tax planning for small and medium enterprises. 25 members were at the Dewan IEM Kedah/Perlis for the event.
- 23.12.2011 A Technical Visit to MMC Gamuda JV – Kedah Double Track Project was arranged and attended by 24 members.

21.11 Terengganu Branch

- 21.11.1 Ir. Roslan bin Abd Azis continued as the Chairman of the Branch for the Session 2011/2012. The membership of the Branch is 610 with 6 Fellow Member, 121 Corporate Member, 134 Graduate Member, 1 Incorporated Member and 348 Student Member were registered as at 15 March 2012.

The Branch though in existence for a while have not registered officially with the ROS and therefore is progressing to get the official registration done. The members of the Committee is therefore set up as Protem Committee member.

- 15.7.2011 SN4D Technical Visit to Ho Chi Minh City to explore new ideas, innovation and technology.
- 31-7.2011 A Technical Visit was arranged to Taman Ilmu, a Knowledge Park, at Tembila, Besut.
On the same day a visit was also arranged to the road project for Simpang Puli – Lojing-Gua Musang-Kuala Berang (pkj 8 – Fasa 1).
- 19.9.2011 A Hari Raya Adil Fitri gathering was held at Pemai Park Inn, Kuala Terengganu. The programme of the gathering included an award giving ceremony for excellent performers in UPSR and SPM among members' children.
- 26.10.2011 A Treasure Hunt was organised amongst members and their family covering the route from Kuala



Terengganu, Jerangau Bkt Besi, Padang Pulut, Kuala Dungun and back to Kuala Terengganu.

9.10 2011 A career talk was arranged at Polytechnical Sultan Mizan Zainal Abidin in Dungun, Kuala Terengganu.

6.11.2011 Career Talk at Sekolah Menengah Teknik Kuala Terengganu was also arranged.

21.11.3 The Branch was able to conduct Professional Interview applicants desiring corporate membership.

21.12 Kelantan Branch

21.12.1 Members residing in Kelantan had also decided to form a Branch with the closing of the Eastern Branch. Ir. Syed Abdul Rahman bin Syed Abdullah was elected the Protem Chairman on 11 December 2011. The Inaugural meeting was held at the Pejabat Pengarah JKR Negeri Kelantan. A total of 11 members were present. The Protem Committee was sworn in and would proceed to register the Branch with the ROS.

21.12.2 The Branch had a total of 710 members with 2 Fellow Member, 72 Corporated Member, 76 Graduate member, 1 Incorporated Member, 1 Associate Member and 558 Student Members were registered as at 15 March 2012.

21.13 Pahang Branch

21.13.1 Ir. Roslan bin Abdul Azis was elected as the Protem Chairman to the Pahang Branch on 14 September 2011 at Bilik Mesyuarat Pinang Majestik, MPK, Kuantan, Pahang. It had been agreed that the Eastern Branch be dissolved to enable the three states of Malaysia namely Pahang, Kelantan and Terengganu to proceed to form their individual branches. Hence the Eastern Branch which is to be based on Kuantan, Pahang hosting on rotation basis has to be closed. The Branch Committee is therefore re-designated as the Protem Committee for the Pahang Branch. 8 members were at the meeting.

21.13.2 The Branch has a total membership of 675 with 2 Fellow Member, 95 Corporate Member, 206 Graduate Member, 1 Affiliate Member, 1 Incorporated Member and 370 Student Member as at 15 March 2012.

21.13.3 The Protem Committee of the Branch will now submit an application to the ROS to seek approval for the setting up of a Pahang Branch to be based in Kuantan, Pahang.

21.13.4 The Branch assisted to identify Professional Interviewers for the PI candidate.

21.13.5 The Branch would continue with the activities planned for the Eastern Branch while waiting for the approval of registration from ROS.

21.14 Young Engineers Section

21.14.1 Engr. Shuhairy bin Norhisham had been re-appointed as the Chairman of Young Engineers Section for session 2011/2012 on 18 June 2011 at the IEM YES Annual General Meeting.

21.14.2 Professional Development Portfolio

On 19 March 2011, a talk on Understanding Intellectual Property was successfully conducted at Wisma IEM and attended by 34 participants. On the same day, IEM YES supported Star Forum which was organised in conjunction with IEM Engineering Week at Matrade Exhibition and Convention Centre and had attracted 200 members.

21.14.3 Activities

A talk on Engineer as a Consulting Engineer was presented by Ir. Dr Gue See Sew at Wisma IEM on 9 April 2011 and attended by 60 participants.

A Two Day Course on Professional Business Writing Skills was organised on 9-10 May 2011 at Auditorium, Wisma IEM and attended by 52 members.

Ir. Ms Kee Wai Fun was invited to present a talk on "Green Technologies to combat Climate Change: Is Earth on Trouble?" on 27 July 2011. The talk was successfully held and attracted 32 participants.

On 5 October 2011, a talk on Regulation for Determination of Smoke Control System Guidelines, Calculations and Testing was conducted at Wisma IEM and attended by 50 members.

The Two Day Course on Principle and Design of Electrical System in Building was conducted on 19-20 October 2011 at Wisma IEM and attended by 102 members.

One Day Workshop on Electrical Protection System was conducted at Wisma IEM on 6 December 2011 and attended by 38 members.

A 2-Day Course on Basic Project Management for Young Engineers. What Should Young Engineers Know? was held at Wisma IEM on 13-14 December 2011 and attended by 53 members.

21.14.4 Social and Community Portfolio



A YES Futsal Tournament was organised to kick start the year on 8 January 2011 at SPK, Kajang Sports Planet which had attracted 300 participants.

On 5-6 March 2011, IEM YES set up a booth at One Utama in conjunction with Engineering Week to publicise engineering as a career. This attracted a lot of people to the booth at the shopping complex. There was big crowd of approximately 500 people.

A One Day Strength Training-Hiking to Broga Hill was completed on 12 June 2011 and attended by 8 members.

A more challenging activity that is the White Water Rafting was arranged on 30 July 2011 which took place at Sungai Selangor, Kuala Kubu Bharu and attracted 20 participants.

YES IFTAR was held at Bora Asmara Restaurant, Kampung Sungai Penchala on 23 August 2011 and attended by 20 members.

YES as a part of IEM Family Day Committee supported and helped the IEM to organise the IEM Family Day 2011 which was on 25 September 2011 at Taman Bandaran Kelana Jaya. The main task for YES was to conduct a tele-match and set up engineering booth games. There were 10 booths for different games prepared by student of various universities. Good response was received from members to these booth games. There was an estimated number of more than 500 members at this event.

YES celebrated YES Hari Raya Gathering on 27 September 2011 at IEM Penthouse. All YES Committee members, volunteers and IEM Secretariat were invited and 50 members came for the function.

On 4 November 2011, YES continued to celebrate another festive season - Hari Deepavali at Nirvana Banana Leaf Restaurant, Bangsar and attended by 15 members.

A Christmas Young Professional Alliance Gathering was organised on 22 December 2011 at The Gardens, TGIF which was attended by 30 participants comprising of both young lawyers and engineers.

21.12.5 Publicity Portfolio

YES continued to promote and update their blog. The new YES blog address had been initiated at (<http://iemyes.blogspot.com>) for members to post the latest G&S-YES news. The G&S-YES Blog contained information of the activities conducted or organised by the G&S-YES. Members are kept informed of the G&S-YES activities through their e-mail announcement group "IEMYESannounce@yahoo.com". YES also update and maintain an IEM G&S YES Facebook. They also had YES twitter as its announce platform.

21.12.6 Student Affairs Portfolio

On matters relating to student affairs, the YES continued to be actively involved in various projects in local universities through the Student Representatives Council (SRC) and IEM Student Sections. Several membership drives were organised and carried out in collaboration with the IEM Sub-Committee on Membership Drives. The YES Committee and Sub Committees also participated and supported activities organised by the universities as follows:

- Universities Engineering Society Committee Road Show at UNITEN was organised by IEM SIR UNITEN Students Section – 12 January 2011 (15 members attended)
- Universities Engineering Society Committee Roadshow at UIA – 13 Jan 2011 (20 members attended)
- Visit to IEM from UHTM - 26 January 2011 (20 members attended)
- Universities Engineering Society Committee Road Show at UNITEN by IEM SIR UNITEN – 26 January 2011 (100 members attended)
- Membership Drive at UiTM – 27 January 2011 (10 members attended)
- Judge at World Engineering Student Invention Challenge - 9 February 2011 (70 members attended)
- Membership Drive at UiTM "Cakap-Cakap Engineers" at UiTM - 23 March 2011 (attended by 250 engineering students)
- Membership Drive at UTeM- 23 March 2011 (attended by 70 students)
- Universities Engineering Society Committee Roadshow at UTAR organised by IEM UTAR Student Chapter- 4 April 2011 (attended by 10 students)
- EDMAT 33 sharing session with Young Engineers at Dewan Umarak, Kolej Kediaman Tuanku Bahiyah, UM- 23 May 2011 (attended at 86 students)
- EDMAT Majlis Perasmian RLKPPK-33 at UM- 23 May 2011 (attended by 86 students)
- Forum on the "Future and Role of Engineering in Technology Advancement, Globalization and Sustainability at BV2, UNITEN- 4 July 2011 (attended by 50 students)
- Sharing Session with Young Engineers at BV Theater1, UNITEN- 7 July 2011 (attended by 60 students)
- Young Parachute, Where to be and Where to Land Membership Drive at UCSI- 26 July 2011 (attended by 50 students)
- Roadshow to Universities Engineering Society at MMU, Melaka- 20 August 2011 (attended by 20 members)
- Roadshow to Universities Engineering Society at UTP, Perak- 15 October 2011 (attended by 6 members)
- IEM Talk at UKM- 4 November 2011 (attended by 150 students)
- Integrated Engineering Carnival-Techno Competition 2011 organised by ENGINEs UNION at UiTM- 15 November 2011 (attended by 100 students)
- Program Cakap-Cakap Engineer II by ENGINEs UNION at UiTM, Shah Alam- 15 November 2011 (attended by 80



students)

- “Engineer Students: Nerd or Star?”, “Engineer: Boring or Glamour?” and “Route to Professional Engineer: Alley or Highway” at Nottingham University, Semenyih- 16 November 2011 (attended by 90 members)
- Career Talk organised at UPM, Serdang- 18 November 2011 (attended by 130 students)
- Engineers Career Talk at MMU, Melaka- 18 November 2011 (attended by 70 students)
- 2nd Employability Seminar at UNITEN (career talk)- 10 November 2011 (attended by 87 members)
- UM Membership Drive- 21 December 2011 (attended by 120 students)

21.12.7 Graduate Affairs Portfolio

The Graduate Affairs Portfolio focused on need of graduate members and had organised series of talk and professional Interview workshops. Several of membership drives and workshops on Route to Professional Engineers had been conducted.

- IEM Engineering Week 2011 Closing Ceremony – 26 March 2011 (400 members attended)
Lauching Ceremony of IBS International Exhibition (MIIE 2011) Conventional Centre CIDB, KL – 5 April 2011 (500 members attended)
- Workshop of Improving Module IBS/MC at Awana Hotel & Reort, Genting Highlands – 13-15 June 2011 (30 members attended)
- 41st AGM YES and Professional Interview (PI) Workshop – 18 June 2011 (36 members attended)
- IEM YES Brainstorming Session for 2011/2012 at Colma Tropicale, Bukit Tinggi, Pahang – 25-26 June 2011 (16 members attended)

21.12.8 External Affairs Portfolio

From 24 to 27 March 2011, YES organised the 5th IEM National Summit 2011 at UNIMAS, Kuching, Sarawak. It was attended by 29 YES members from all over Malaysia.

YES visited Perak Branch Committee on 15 October 2011. There were 10 YES Committee Members who participated in the trip.

On 12 November 2011, YES organised an “Adopt a Hydrant” BOMBA community service at Balai BOMBA, Taman Segar, Cheras and participated by 6 members.

18th Young Engineers ASEAN Federation of Engineering Organizations (YEAFFEO) was held from 26 November 2011 to 2 December 2011 at Bandar Seri Begawan, Brunei Darussalam. 8 YES members representing Malaysia for this event. YES is the office of the YEAFFEO Secretary General and played a role in gathering all ASEAN young engineers’ leaders at the Convention. Altogether there were 3000 members from different ASEAN and ASIAN Countries at the event.

On 15-16 December 2011, YES promoted SPE Life Aid 2011 at KLCC Twin Tower Fitness Centre.

22 TECHNICAL DIVISIONS

22.1 Building Services Technical Division (BSTD)

22.1.1 The Technical Division held its 25th Annual General Meeting in conjunction with a talk on “Sprinklers Design Standards, The History and Major Differences (LPC Rules and NFPA 13)” presented by Ir. Gary Lim Eng Hwa on 13 August 2011. 63 members attended the AGM while 70 members attended the talk.

Ir. Phang Chen Faut completed a 2-term as the Chairman of the Division. Deputy Chairman, Ir. Lim Chean Fung was installed as Chairman for the 2011/2012 terms. The out-going Committee nominated Ir. Wong Chu Loong at its 245th meeting held on 7 July 2011 as the Deputy Chairman and this was declared during the AGM.

22.1.2 The Division continued to play an active role in maintaining a leading role on 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.

22.1.3 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. Numerous write-ups on evening talks/seminars were published in the IEM bulletin for the benefits of members who were unable to attend these events. 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.

22.1.4 The Division will continue to play an active role in organising activities for members in the building services interest. The activities organised by the Division was summarised in the summary sheet of this Annual Report.

22.2 Chemical Engineering Technical Division (CETD)

22.2.1 Ir. Assoc. Prof. Dr Thomas ChoongShean Yaw took over the chairmanship from Ir. Assoc. Prof. Dr Abdul Aziz bin Abdul Raman for the Session 2011/2012 at the 25th Annual General Meeting held on 1 October 2011. Ir. Prof. Dr Dominic Foo Chwan Yee was elected as the Deputy Chairman of the Division for the session. The position of Chairman and Deputy Chairman was elected at the 146th meeting of the Division held on 24 September 2011. The AGM was attended by 50 members. A talk on “Process Safety: What, Why and How” presented by En. Khairuddin bin



Mohd. Piah was attended by 65 members. During the session the Division was active in organising activities for its members.

22.2.2 Regular monthly meetings were held and the Division continued to be active in the activities of the APCChE. The activities of the Technical Division are summarised in the summary sheet.

22.2.3 The Division continued the activities of organising the National Chem-e-Car Competition. On 17 March 2011, the 6th Malaysian Chem-e-Car Competition was held at Universiti Teknologi PETRONAS (UTP) campus in Tronoh, Perak with 124 participants forming 31 teams. The competition consisted of two sessions' model car competition and poster presentation competition. The winning teams in the poster competition were "Blue Synergy" from Universiti Malaysia Pahang (UMP) while the Universiti Kebangsaan Malaysia's (UKM) team "Thousand Sunny" won the model car competition. A Special prize award was given to "Boys over Flowers" from Universiti Teknologi MARA (UiTM). Cash sponsorship of RM 10,000.00 was collected for the competition.

This year's competition is another milestone achievement by the Division of IEM as it was the first time that a newly established Institution of Higher Learnings (IHL) from Indonesia participated.

The Division is proud to acknowledge that the competition had indeed gained a lot of exposure as well as created tremendous interest in the 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.

22.2.4 The Division continued to be involved in the activities of the Asia Pacific Confederation of Chemical Engineering (APCChE) and Ir. Prof. Dr Dominic Foo Chwan Yee attended the 14th APCChE Executive Board meeting held on 20 September 2011 at Sydney, Australia.

22.3 Civil and Structural Engineering Technical Division (CSETD)

22.3.1 Ir. David Ng Shiu Yuen and Ir. Ong Sang Woh continued to serve as the Chairman and the Deputy Chairman, respectively, for Session 2011/2012. The election was conducted during the 200th meeting of the Division held on 19 July 2011 which was also the last meeting for the session.

22.3.2 The 25th Annual General Meeting held in conjunction with a talk on "Developing a Feel for Structural Behaviour and Structural Design from a Consulting Engineer's Perspective (Back to Back Using Hand Computation to Check Computer Results)" by Ir. M.C. Hee on 23 July 2011 was attended by 129 members for the talk and 70 members for the AGM.

22.3.3 The Division continued to organise various talks, visits, courses and seminars, the details of which are listed in the summary sheet of this Annual Report.

22.3.4 The Division also proceeded with its role in preparing the Standard Writing for SIRIM on Concrete and Structures. The Division is also represented in the Technical Committee on Earthquakes. The Division was also represented in various Technical Committees of Standard Malaysia, DSM, CIDB and other related ministries and agencies.

22.3.5 The Division maintained as 1st runners up in the Presidential Award of Excellence for year 2010. The presentation was made during the IEM 52nd Annual Dinner and Awards Night held on 16 April 2011.

22.3.6 The Committee members of this Division continued the liaison with The Institution of Structural Engineers (Malaysia Division) in organising joint seminars, courses and talks for members of both institutions.

A joint collaboration between this Division and The Institution of Structural Engineers (Malaysia Division) planned for this year would be to organise the 7th Asia Pacific Conference 2012 on 10 September 2012. The Organising Committee would be chaired by Ir. Ong Sang Woh.

22.3.7 The IEM-SWO Technical Committee on Earthquake Design Guidelines chaired by Ir. Prof. Dr Jeffrey Chiang Choong Luin continued with the task of drafting the MS for DSM. The TC Earthquake conducted regular monthly meetings which fell either on the third Tuesday or third Thursday of every month of year 2011. With approved financial support by Civil & Structural Engineering Technical Division, Technical Committee (TC) on Earthquake sponsored two IEM representatives to participate in a one-week long seismic geophone survey exercise conducted in Hong Kong in May 2011. The exercise was led by researchers from Hong Kong University and Nanyang Technological University, Singapore.

22.3.8 In August 2011, Geotechnical Engineering Technical Division and TC Earthquake jointly organised a 2-day Geotechnical Seismic Design to Eurocode 8 seminar which was delivered by Prof. Pinto et al. Then in September 2011, with the approval of Division, the Earthquake TC sponsored a member from Working Group 1 (WG1), Engr Looi Ting Wee to undergo a 6-week intensive technological transfer training on CAM model at Melbourne University under the tutelage of Prof. Nelson Lam and his earthquake research team.

In early November 2011 both Ir. M.C. Hee and Prof. Nelson Lam jointly conducted a 2-day course for the organisation of Civil and Structural Engineering TD on Demystifying Eurocode 8 Seismic Design.

22.3.9 The last activity for the year of TC Earthquake involved the co-hosting of a 1-day symposium and 1-day workshop (6-7 December 2011) on earthquake engineering in Malaysia and Asia Pacific region, between IEM and UTAR, with partial funding support from MOSTI. Six international seismic experts from Australia, Singapore, Hong Kong, Vietnam, Japan and Canada were invited to deliver their keynote papers, invited papers and special papers in the symposium. The same experts were also the invited panelists in the 1-day Workshop that followed the symposium. The outcome of the workshop to be



compiled and deliberated by Earthquake TC would serve as the template for immediate actions for further works in 2012 to draft the MS EN1998 and its accompanying National Annex to contain the necessary PGA and response spectra for Peninsular Malaysia. CIDB (CREAM) is providing some financial assistance towards literature search to be undertaken by a research officer. However, other forms of promised funding supports for R&D work from CIDB, MMD, DSM and SIRIM are yet to materialize despite promises given.

22.3.10 The IEM-SWO Technical Committee on Wind Loads was chaired by Ir. Prof. Dr Jeffrey Chiang Choong Luin. For the Wind Loads TC had its regular monthly meetings on second Thursday of every month in year 2011. In March and April 2011, IEM had a meeting with DSM and SIRIM to discuss on possible funding for Wind Loads TC but was told by DSM this would have to be dragged on to next year 2012's budget. Meanwhile, WG1 had decided to amend MS1553-2002 with corrections given by Dr John Holmes as well as reference given to related provisions in AS1170-2010. If there is no funding forthcoming from DSM or SIRIM, then the work would involve putting in addendums into MS1553-2002 only. However, if funding is available, then the scope of work would expand to cover studying into either AS1170-2010 or EN1991-1-4 Wind Actions as a replacement code for MS1553.

In addition, WG2 is working closely with MMD to carry out statistical study of recorded wind speed in order to gauge its trend and its reliability before formulating a harmonised wind speed data for all wind stations in Peninsular Malaysia. To that end, two site visits had been made by TC members to MMD wind stations in Old Subang Airport, and Cameron Highlands. The third planned visit to Mersing and Kluang, however, had postponed to 2012.

22.3.9 From 12-14 June 2012, this Division will be assisting UiTM and UM to organise the 11th CONCET at Putrajaya Convention Centre. A technical visit to JKR Tower had been planned for 14 June 2012.

22.3.10 A joint collaboration between this Division and The Institution of Structural Engineers (Malaysia Division) planned for this year would be to organise the 7th Asia Pacific Conference 2012 on 10 September 2012. The Organising Committee would be chaired by Ir. Ong Sang Woh.

22.3.11 Five (5) committee members of the Division, namely Ir. Tu Yong Eng, Ir. Ong Sang Woh, Ir. M.C. Hee, Ir. David Ng Shiu Yuen and Ir. Prof. Dr Jeffrey Chiang Choong Luin represented IEM in KPKT-UBBL.

22.3.12 Three (3) committee members of the Division, namely Ir. David Ng Shiu Yuen, Ir. Prof. Dr Jeffrey Chiang Choong Luin and Ir. Yam Teong Sian served as Council Members of IEM.

22.3.13 Ir. Prof. Dr Jeffrey Chiang Choong Luin continued to serve as the IEM Honorary Treasurer.

22.3.14 The Division continued to have its members serving as Principal and Second Professional Interviewers in assessing the competency of applicants as IEM Corporate Members. In addition, some Division members had also volunteered to be speakers for career talks and membership recruitment drives etc.

22.3.15 For the year under review, the Division continued to donate civil engineering and structural engineering books to the IEM library. The Division also recommended civil engineering and structural books to be considered for purchasing.

22.4 **Electrical Engineering Technical Division (EETD)**

22.4.1 Ir. Lee Kok Chong was elected again as the Chairman of Electrical Engineering Division for session 2010/2012 while Ir. Lam Sing Yew was unanimously elected as Deputy Chairman. Ir. Mah Soo was appointed as the Advisor for this Session.

22.4.2 The 26th Annual General Meeting of the Technical Division was held on 7 May 2011 and attended by 40 members. A talk on Dependability, Productivity and Profitability by Ir. Mah Soo attended by 46 members was organised prior to the AGM.

22.4.3 The Division continues to organise various activities to the members such as visits, talks, seminar and courses

22.4.4 A summary of the Division were highlighted in the appendices attached to this Annual Report. The activities focused mainly on technical visits, talks and seminars.

22.4.5 The Committee members of this Division also represented IEM at numerous meetings organised by other government and professional bodies. The EETD Committee members continue to 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, SIRIM Berhad, trainings and others.

For the year under review, the Division co-organised the International Conference on Sustainable Solutions for Energy Utilisation with The Institution of Engineering and Technology (IET) (Malaysia Chapter) at the Palace of the Golden Horses from 10-12 October 2011. The conference with Exhibition was attended by 320 participants. Both local and foreign speakers from various parts of the world gave a two days presentation. A delegation from Chinese Institute of Engineers (CIE) formed a delegation to Malaysia for the conference and took the opportunity also to sight see and also visited some places of interest such as Genting Sanyen and the power stations.

22.5 **Environmental Engineering Technical Division (ENETD)**

22.5.1 Ir. Fan Hong Poh and Ir. Santha Kumaran a/l Erusan @ Krishnan continued to serve as the Chairman and the Deputy Chairman respectively for Session 2011/2012. The election was conducted during the 193rd meeting of the Division held on 14 April 2011 which was also the last meeting for the session.

22.5.2 The 19th Annual General Meeting of the Division held on 30 April 2011 was attended by 43 members. In conjunction with the



19th Annual General Meeting, a talk entitled "Opportunity in Brownfield" by Mr. Lee Seng Shern was held which attracted 56 members.

22.5.3 The Division also held a successful Brownfield Asia Conference 2011 from 12-14 July 2011 which drew 121 participants. The Conference concluded with a technical visit to the Petronas Oil Refinery in Malacca on 14 July 2011.

22.5.4 The activities of the Division are highlighted in the summary sheet of this Annual Report.

22.5.5 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 and the Department of Environment.

22.6 Geotechnical Engineering Technical Division (GETD)

22.6.1 The 22nd Annual General Meeting of the Division was held on 11 June 2011 and attended by 83 members. Mr. Mike Dobie presented a lecture on "Issues Raised by the Application of Eurocode 7 to the Design of Reinforced Soil Structures in conjunction with the AGM and this talk was attended by 125 members.

22.6.2 Ir. Liew Shaw Shong took over the Chairmanship from Ir. Lee Eng Choy who had completed the 2 sessions. Regular monthly meetings were organised on every 2nd Monday of the months during the session.

22.9.2 Regular monthly meetings were organised during this session to plan activities and events for the members.

22.6.3 The activities of the Division were highlighted in the summary sheet of this Annual Report.

22.6.4 The Division conducted a series of workshop at the Head office and in branches. The One Day Workshop on "Malaysia National Annex to Eurocode 7 Geotechnical Design - Part 1: General Rules by Ir. Tan Yang Kheng and Prof Brian Simpson was held Penang, Johore bahru and Kuching.

22.6.5 The Division organised the 21st Annual Tan Sri Ir. Prof. Chin Fung Kee Memorial Lecture on "Engineering and Entrepreneurship: Is It an Oxymoron?" was delivered by Y.Bhg. Tan Sri Dato' Engr. Francis Yeoh Sock Ping at the JW Marriot Hotel, Kuala Lumpur for the Engineering Alumni Society of University of Malaya (UM). The event was fully sponsored by YTL Corporation. A turnout of 472 students from local universities and members were present to hear the presented of Y.Bhg. Tan Sri Dato' Yeoh.

22.6.6 The Division with collaboration with AGSSEA, Geo Society of S'pore and Hong Kong Institution of Engineers organised the International Seminar on "Engineering A Sustainable Development: Role Played by Geotechnical Engineering" at the Tropicana Golf and Country Resort and there were 60 participants. This event was held on 23 February 2011.

22.7 Highway and Transportation Engineering Technical Division (HTETD)

22.7.1 The 20th Annual General Meeting of the Division was held on 8 October 2011 and attended by 60 members. Y. Bhg. Dato' Ir. Dr Ismail bin Mohamed Taib presented the talk on Jambatan Kedua Pulau Pinang prior to the AGM and attended by 107 members.

Ir. Gunasagaran A/L Kristnan continued as the Chairman of the Division for the 2011/2012 session while Ir. Chin Kar Keong was also re-elected as the Deputy Chairman respectively at the 191st meeting held on 23 September 2011.

22.7.2 The activities of the Division have been summarised in the summary sheet of this Annual Report.

22.7.3 The Division also initiated IEM Outdoors with 6 hiking trips organised.

22.7.4 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, SIRIM, CIDB and JKR.

22.7.5 This Division continues to maintain a leading role on promoting closer interaction and co-operation amongst the various professional groups such as governmental agencies, professional bodies, academic institution and universities by serving as Committee members in these organisations.

22.7.6 The Chairman of the Division was appointed to represent the IEM in many Technical and Working Committees on highways, traffic congestion and earthquakes at various governmental organisations.

22.8 Mechanical Engineering Technical Division (METD)

22.8.1 Ir. Noor Hisham bin Yahaya was elected as the Chairman of the Division while Ir. Fam Yew Hin as the Deputy Chairman on 29 September 2011 at the 242nd meeting of the Division. Ir. Dr Cheong Thiam Fook became the Advisor of the Division for the 2011/2012 session.

22.8.2 The 26th Annual General Meeting was held on 22 October 2011 and was attended by 70 members. Prior to the AGM, a talk titled "The role of 21 Century Engineers in Sustainable Development" presented by Ir. Dr Aidil Chee Tahir was held prior to the AGM and attended by 94 members.

22.8.3 The METD Networking Lunch was held conjunction with the AGM at Armada Hotel, Petaling Jaya to promote networking



among the members and to raise fund for the new IEM building. Tables were sold during the Networking Lunch and the amount collected was RM 8,500.00.

- 22.8.4 The Division continued to play its 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 2011. The Division taking the hat chairmanship by Ir. Dr Cheong Thiam Fook and Ir. Gopal Narian Kutty organised one of the most attracting and successful annual dinner in 2011. The Division also won the IEM Building Fund Raising Presidential of the Year Award for 2011.
- 22.8.5 During the year, the Committee was active in organising various talks, courses and visits. For this year under review, the Division had carried out several activities with other IEM Branches and local universities. The Division also submitted numerous write up on the evening talk activities. Seminars were also published in the IEM Bulletin for the benefits of members who were unable to attend the events.
- 22.8.6 The Division had been actively participating in external programmes and activities with both non-government organisation and government department such as SIRIM, Suruhanjaya Tenaga (ST), Board of Engineers (BEM), etc.
- 22.8.7 One of the Committee Member namely Ir. Gopal Narian Kutty served as Council Member of IEM and also served in the IEM Executive Committee (EXCOMM). He is also a Board member of Board of Engineers Malaysia and Alternate Chairman for both E & Q and Application Committee of the Board.
- 22.8.8 The Division detailed list of activities of the Mechanical Engineering Technical Division is also summarised in the summary sheets for information in which the Division also chaired the Membership Drive Sub Committee of the Standing Committee on Qualification and Admission and promoted the sale of IEM Car Crest.

22.9 **Oil, Gas and Mining Technical Division (OGMTD)**

- 22.9.1 Ir. Razmahawata bin Mohd. Razalli was elected as the Chairman and Ir. Ahmad Rafidi bin Mohayiddin, as Deputy Chairman during the 190th Meeting of the Division held on 7 October 2011. Ir. Al- Khairi bin Mohd. Daud agreed to serve as the Advisor of the Technical Division for the Session 2011/2012.
- 22.9.2 The 21st Annual General Meeting was held on 12 November 2011 and attended by 44 members. A talk on "An Overview of Heat Exchangers: The Industry Experience" presented by Ir. Alzakri Ekhwan was held prior to the AGM and was attended by 80 members. Another talk on "Risk Sharing Contracts" delivered by Mr. Khem Thadani was held after the AGM and was attended by 51 members.
- 22.9.3 The Chairman and members of this Division continue to play an active role to maintain a leading role in promoting close interaction and co-operation with various groups such as governmental agencies, Professional bodies, Academic Institution and Universities by engaging them in activities related to the Division and sending representatives to participate in their activities.
- 22.9.4 As in the past, the Committee members also serve actively in various activities related to the division and other committees in IEM. The Division also continues with the close relationship with the Welding Institute of Malaysia (WIM) in organising joint courses for members.
- 22.9.5 A number of reports on and seminars were also published in the IEM Bulletin for the benefits of members who were unable to attend. The Division has also published a special issue of the IEM Bulletin in February 2011 with a theme on Asset Management in the Oil, Gas and Mining Industry.
- 22.9.6 The summarised list of activities of the Oil, Gas and Mining Technical Division is provided in the summary sheets for information.

22.10 **Manufacturing Engineering Technical Division (MFGTD)**

- 22.10.1 By the time this report was printed the Division has amalgamated with the Mechanical Engineering Technical Division. There is a lack of interest amongst the IEM members to come forward to join the Committee and also attendance at meetings dwindles.

The attempt was made to save the Division by changing its name in 2010 from Production and Manufacturing Engineering Technical Division to Manufacturing Technical Division did not manage to save the lack of interest from the membership. The Division therefore has no option but to amalgamate.

- 22.10.2 The Division managed to organise only one talk on "Occupational Safety and Health" presented by Ir. Mohd. Hatta bin Zakaria. The talk was however well attended with 82 members.
- 22.10.3 The Division amalgamated with the Mechanical Engineering Technical Division on 7 September 2011.
- 22.10.4 The Division had amalgamated with Mechanical Engineering Technical Division and hence no more meetings were held. The following three (3) representatives from this Division were nominated to serve in METD:

- i) Ir. Dr Tan Chee Fai (M18343)
- ii) Ir. Lai Ah Ying (M05999)
- iii) Engr. Nor Azlian bin Jaafar (G38081)

22.11 **Water Resources Technical Division (WRTD)**



22.11.1 The 24th Annual General Meeting of the Division was held on 21 May 2011. Ir. Zainal Abidin bin Othman was elected the Chairman taking over from Ir. Assoc. Prof. Dr Marlinda bt. Abdul Malek. A total of 50 members were present at the AGM. Two talks were arranged prior to the AGM recorded as follows:

Talk on i) Review of the National Water Resources Study (2000-2050): Outputs, Findings and Recommendations; and ii) Implementation of Water Services Industry Act (WSIA) 2006 - Achievements, Issues and Challenges. Both these talks were presented by Ir. Hj. Hanapi bin Mohamad Noor and Y.B. Dato' Teo Yeo Hua respectively. This is away from the norm of previous years whereby the Division would organise the Annual IEM Water Resources Colloquium prior to their AGM. A total of 62 members participated in these two talks.

22.11.2 The Division is sad to note that the membership of the Division remains small due to a lack of interests or awareness amongst the new IEM members on the existence of this Technical Division. In order to increase registration, various strategies will be formulated eg efforts to set up on line registration facility for those interested. More activities of interest would be planned for its members.

22.11.3 The Division urged its members to submit their email addresses for the purpose of efficient and effective dissemination of WRTD information and news via internet. However only a small number of members responded to this exercise.

22.11.4 For details of the activities of the Division, kindly refer to the pages on summary of activities in the Annual Report.

22.12 Engineering Education Technical Division (E²TD)

22.12.1 Ir. N. Jayaseelan and Ir. Assoc. Prof. Dr Faris Tarlochan were re-elected as the Chairman and Deputy Chairman respectively for the session 2011/2012. The election was conducted during the 116th meeting of the Division held on 20 July 2011 which was also the last meeting for the session.

22.12.2 55 members attended the 15th Annual General Meeting of the Division held on 6 August 2011. A talk entitled "*Implementing Continuous Quality Improvement (CQI) in the Delivery of Engineering Programme: Issues and Challenges*" presented by Ir. Prof. Dr Ramesh Singh was conducted prior to the AGM which attracted 79 participants.

22.12.3 The activities organised by the Division in this session are listed in the summary sheet of this Annual Report.

22.12.4 The total number of members registered with the Division for the Session 2010/2011 was 343.

22.12.5 At the time of writing the report, the Division was planning to organise the "Academician Dato' Ir. Prof. Dr Chuah Hean Teik Engineering Education Prestige Lecture" which was scheduled to be held on 18 February 2012.

22.13 Information Technology Special Interest Group (ITSIG)

22.13.1 Ir. Tejinder Singh as Chariman of the Special Interest Group continued to serve for the third consecutive session. Both the positions were elected at the 128th meeting of the Committee held on 10 February 2011.

22.13.2 The 13th Annual General Meeting of the Special Interest Group of IEM was held on 12 March 2011 and attended by 56 members. A talk on "Internet based Hosted Energy Profiling System (iHEPS)" by Engr. Eddy Cheah which was attended by 30 members was organised prior to the AGM. The Division was pleased to place on record that once again the AGM of the Division was so well supported.

22.13.3 The Special Interest Group is helping the IEM to look into the possibility of conducting meetings via skype, yahoo messenger or G-talk.

22.13.4 The IT SIG has been approached to provide proposal and suggestion to improve the IEM website. The Special Interest Group was also requested to comment the proposed guidelines and procedure set up for the monitoring of the IEM homepage.

22.13.5 The activities of the Group are highlighted in the summary sheet of this Annual Report.

22.14 Agricultural and Food Engineering Technical Division (AFETD)

22.14.1 The 12th Annual General Meeting was held on 22 January 2011 for the Session of 2011. Ir. Kumar a/l Subramaniam continued his tenure as a Chairman for a third term and the last session for him. A total of 44 members were at the AGM of the Division

22.14.2 A Talk on a Sustainable Investment Opportunity in RM1 Trillion Green Technology Packaging Industry by Mr. Ramaness Parasuraman was organised prior to the AGM and this event was attended by 57 members.

22.14.3 As for 2012, the 13th Annual General Meeting was organised on 28 January 2012. Ir. Assoc. Prof. Dr Chin Nyuk Ling was elected to be Chairman for the Session 2012/2013.

22.14.4 Five (5) technical visits, one (1) seminar and seven (7) talks were organised for year 2011. The activities are captured in the summary sheets of the Annual Report.

22.14.5 For reference, the AFETD's Issue for the JURUTERA Bulletin was published in December 2011 with the theme on 'Green Technology and Sustainable Agricultural and Food Production'.

22.14.6 The activities organised by the AFTED are as tabulated in the IEM Activities summary sheet in this Annual Report.



22.15 Tunnelling and Underground Space Engineering Technical Division (TUSTD)

- 22.15.1 The Chairman of the Division was Ir. Dr Mohd. Farid bin Ahmad who took over the Chair on 7 May 2011. Ir. Lok Chuah Ming was also officially elected as the Deputy Chairman at the AGM.
- 22.15.2 A total of 60 members attended the AGM on 7 May 2011 which was held in conjunction with the talk on Talk on Structural and Environmental Asset Protection for Geotechnical and Tunnelling Works Using Real Time Monitoring and Alert Systems presented by Ir. Dr Tan Guan Hong. This talk was attended by 87 members.
- 22.15.3 The Committee had held a total of 8 meetings to discuss and plan activities for its members.
- 22.15.4 Members of the Committee continued to maintain good working relationship with International Tunnelling Association, (ITA) and hence the Division continued to renew its membership with the Association and supports many of its activities.
- 22.15.5 The activities of this Division is tabulated and summarised in the summary of events of this Annual Report.

22.16 Project Management Technical Division (PMTD)

- 22.16.1 Ir. Lee Boon Chong and Ir. Faizal Abdullah Sanusi continued their service as Chairman and Deputy Chairman of the Division for Session 2011/2012 respectively.
- 22.16.2 The 7th Annual General Meeting was held on 2 July 2011 for the Session of 2011/2012 and was attended by 83 members.
- 22.16.3 The Committee Members of the Technical Division continued to contribute articles and reports for publication in IEM Bulletin.
- 22.16.4 A talk on "Professional Ethics in Project Mangement - Can We Learn from the 311 Tragedy?" presented by Prof. Dr Hamzah bin Abdul Rahman was delivered prior to the AGM of the Division. 94 members attended this talk.
- 22.16.5 The Division had held a total of 12 meetings in the year of 2011.
- 22.16.6 The Committee members have been very active in organising evening talks, courses and visits and activities were planned once every three months.
- 22.16.7 The activities of the Technical Division are tabulated in chronological order in the summary sheet of this Annual report.

22.17 Electronic Engineering Technical Division (eETD)

- 22.17.1 Ir. Assoc. Prof. Dr Cheong Kuan Yew and Ir. Dr Hor Poh Jin continued as the Chairman and Deputy Chairman of the Technical Division for the 2011/2012 session respectively. Ir. Dr Tan Kim Hor remains as the Advisor.
- 22.17.2 The Division managed to get good respond for their TechTalk organised free of charge to engineers in Penang. With assistance from the Branch in Penang, the Division has been using this opportunities to promote, encourage and enlist more engineers into eETD especially members in the northern part of the peninsular.
- 22.17.3 The eETD Committee target to focus on the following two strategies in 2012 namely :

Strategy 1: Recruitment in the Academic segment. Approach lecturers in the education institution to sign up as members of BEM, IEM, eETD.

Approach lecturers/students to sign up as members of BEM, IEM, eETD for 4 universities in 2012.

Strategy 2: Target recruitment in the Industrial segment.

Leverage on TechTalk by setting up membership recruitment booth and the Committee target 6 TechTalk in 2012.

- 22.17.4 To date there were five (5) Executive Committee Meetings held until Jan 2012 to discuss and manage affairs of the eETD after the 3rd AGM that was held on 23 July 2011.
- 22.17.5 The eETD organised 6 Technical Talks within the 1st half of the term by inviting industrial speakers. During the TechTalk, membership drives to further promote eETD were delivered to the participants. Majority of the participants came from industries located in Penang.
- 22.17.6 The technical talk details are as below:
- i. 1st TechTalk by Assoc. Prof. Tan Cher Ming
Topic: Reliability for Electronic Devices
Date: 1 August 2011, Venue: USM
Attendance: 102
 - ii. 2nd TechTalk by Dr Gorrfried Behler
Topic: Scientifically Based Loudspeaker Design - Methods and Applications
Date: 6 September 2011, Venue: USM
Attendance: 12
 - iii. 3rd TechTalk by Mr. Ravi Budruk



Topic: Survey of PCI Express Technology
Date: 9 September 2011, Venue: USM
Attendance: 57

- iv. 4th TeckTalk by Prof. Dr Yann Hang Lee
Topic: Jointly organise with Intel Corp, Penang: Virtual Machine for Real Time System
Date and Venue: 14 September 2011, Venue: Eastin Hotel
Attendance:10
- v. 5th TechTalk by Mr. Kevin Schultz, National Instrument
Topic: Enabling Innovation
Date and Venue: 10 October 2011, Venue: USM
Attendance: 28
- vi. 6th TeckTalk by Prof. Ramashar, Carlton University, Canada
Topic: Meeting the signal integrity challenges of high speed circuit and system.
Date and Venue: November 2011, Venue: USM
Attendance: 53

22.17.7 The Division continues to be based in Penang.

22.18 Consulting Engineers Special Interest Group (CESIG)

- 22.18.1 Ir. Dr Ooi Teik Aun continued as the Chairman of this Special Interest Group for the second consecutive year while Y.Bhg. Dato, Ir. Samsuddin bin Ismail as the Deputy Chairman.
- 22.18.2 The Special Interest Group also uses the services of the IEM Training Centre Sdn Bhd to conduct courses and seminars for members.
- 22.18.3 The attempt of the Division to apply for Associate membership of FIDIC was unsuccessful as Malaysia was already a member of FIDIC under ACEM.
- 22.18.4 One of its Committee Member, Ir. Teh Piau Ngi volunteered to give free consultancy to IEM for the construction of the lift in Wisma IEM and also for the refurbishing of the lift at Bangunan Ingenieur. Our appreciation to Ir. Teh for his effort.

22.19 Marine Engineering and Naval Architecture Technical Division (MNATD)

- 22.19.1 The Protem Committee was form on 27 May 2011 during the Inaugural meeting. Y.Bhg. First Admiral Dato' First Admiral Ir. Hj. Ahmad Murad bin Hj. Omar (Rtd) and Ir. Capt. Azhar bin Jumaat was elected as the Chairman and Deputy Chairman respectively to this newly formed Technical Division. Later, Ir. Capt. Azhar tendered his resignation as the Deputy Chairman on 14 December 2011 and the Protem Committee elected Y.Bhg. Rear Admiral Dato' Ir. Pahlawan Hj. Jasan Ahpandi bin Sulaiman (Rtd) as the Deputy Chairman. He was appointed on 14 December 2011 respectively to the post.
- 22.19.2 A talk on The Road Towards Achieving Chartered Registration through The Institution of Marine Engineers Science and Technology by Y.Bhg. First Admiral Dato' Ir. Hj. Ahmad Murad bin Hj. Omar (Rtd) was presented prior to the Inaugural meeting and attended by 33 members. There were 44 members at the Inaugural meeting.
- 22.19.3 The activities of the Technical Division had been tabulated in chronological order in the summary sheets of the Annual Report.
- 22.19.4 The Technical Division managed to make an arrangement for the February 2012 Issue of JURUTERA Bulletin under MNATD.
- 22.19.5 The Committee Members of the Technical Division continued to contribute articles and reports for publication in IEM Bulletin.
- 22.19.6 For details of the activities of the Interest Group, kindly refer to the pages on summary of activities in the Annual Report.

22.20 Public Sector Engineers Special Interest Group (PSESIG)

- 22.20.1 For the year under review another Special Interest Group was also formed. The Protem Committee meeting was held on 8 September 2011. Y.Bhg. First Admiral Dato' Ir. Hj. Ahmad Murad bin Hj. Omar (Rtd) and Ir. C.M.M. Aboobucker were elected to fill the position as Chairman and Deputy Chairman respectively to this new formed Special Interest Group.
- 22.20.2 The Inaugural General Meeting was held on 8 September 2011 and members were appointed to the Protem Committee.
- 22.20.3 The activities of the Technical Division had been tabulated in chronological order in the summary sheets of the Annual Report.

23 MANAGEMENT REVIEW COMMITTEE

- 23.1 This Committee as usual is chaired by the President, Ir. Vincent Chen Kim Kieong and comprises of all Excomm Committee members. The Committee is required to look into the quality policy and objectives of the Institution with the aim of renewing the ISO certifications.

Various issues were looked into to improve the services of the Secretariat and the function of the Council. The IEM has upgraded its certification status to ISO9001:2008 in 2011.

24 IEM TRAINING CENTRE SDN. BHD.



24.1 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 2011, Training Centre successfully organised a total of 122 IEM and BEM courses.

24.2 IEM Courses

25 courses were organised as follows:-

	Disciplines	No of courses
1	Civil/Structural	5
2	Mechanical	1
3	Electrical	7
4	Geotechnical	2
5	Project Management	1
6	Contract Management	8
7	Others	1

Of the 25 courses, 3 were held in Penang, 2 in Kuching, 2 in Kota Kinabalu, 1 in Johor Bahru, 1 in Ipoh and 1 in Miri.

24.3 A total of 42 BEM courses were organised. 3 were held in Kuching, 2 in Kota Kinabalu, 3 in Penang, 1 in Miri and 1 in Johor Bahru.

24.4 In-house-Programmes

38 BEM courses were conducted for Tenaga Nasional Berhad, 3 for Royal Malaysian Navy, 4 for Jabatan Kerja Raya, 2 for Universiti Malaysia Perlis and 2 for Universiti Teknikal Malaysia Melaka.

A training module on "Power Quality Management" was organised for the Royal Malaysian Navy at its bases at RMN Lumut, RMN Tanjung Gelang and RMN Kota Kinabalu.

24.5 Conferences, Workshops and Exhibitions

- ICE Asia Pacific Conference on Infrastructure Development in the Tropical Environment on 14 January 2011.
- International Tunnelling Association on Principles for Tunnel Design on 27 & 28 February 2011.
- UNESCO (ISTIC) Workshop on Maintenance of Infrastructures on 28 March – 1 April 2011
- Exhibition for the International Conference on Sustainable Solutions for Energy Utilisation on 11 & 12 October 2011

24.6 IEM Insurance Schemes

The IEM Training Centre Sdn. Bhd. continues to promote the following IEM Insurance Schemes to our members:-

- Professional Indemnity Insurance
- Motor Vehicle Insurance
- All Risk Insurance
- Office Package Insurance
- Travel Insurance

24.7 Financial Year

Total income for the financial year ended 31 December 2011 was RM2,253,454.78 and total expenditure was RM1,753,854.64. For the year's operation, the Centre recorded a pre-tax profit of RM499,600.14.

Ir. Vincent Chen Kim Kieong
President



EVENT	ORGANISED BY/ SUPPORTED	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
7 January	P Management		Talk	Talk on Leadership - Its Impact on Project Management	Wisma IEM	Dato' Ir. First Admiral (B) Hj. Ahmad Murad bin Hj. Omar	50
8 January	P Management		Talk	Talk on The Business Perspective for Project Managers	Wisma IEM	Mr. Viji Abishegam	80
8 January	YES		Social	IEM Futsal Tournament 2011	Kajang Sports Planet (SPK)	-	330
11 January	Mechanical		Talk	Talk on Effective Engineering Decision Making	Wisma IEM	Ir. Dr Chong Chien Fatt	46
12 January	Electrical		Course	Oen Day Energy Series Course on Part 1 of 3: Electrical Energy Manager (EEM) - Challenges and Barriers	Wisma IEM	Ir. Lam Sing Yew	50
13-14 January	Civil & Struct		Seminar	2 Day Seminar on Forensic Engineering and Collapse Investigations - Technical and Legal Issues	Holiday Inn KL Glenmarie, Shah Alam	Er. Prof Fred SH Ng, Er. Prof Leung Chun Fai and Er. Prof JY Richard Liew	107
17 January	Geotechnical		Talk	Stabilisation Work on the Leaning Tower of Pisa	Wisma IEM	Dr Laurence D Wesley	99
18 January	Oil, Gas & Mining		Talk	Talk on Basics of Gas Processing - From Raw to Sales Gas	Wisma IEM	En. Sallehuddin Sidek	49
18 January	B Services		Talk	Talk on "Application of Heat Exchangers for Building Services"	Wisma IEM	Ms. Marianne Ng	39
22 January	P Management		Visit	Technical Visit to The Prime Minister Office Building (PMOB) in Putrajaya	Putrajaya	-	32
22 January	Agri & Food		Meeting	12th Annual General Meeting	Wisma IEM	-	44
22 January	Agri & Food		Talk	Talk on A Sustainable Investment Opportunity in RM1 Trillion Green Technology Packaging Industry	Wisma IEM	Mr. Ramaness Parasuraman	57
22-24 January	G/S Section		Social	IEM/IES Meet 2011		-	postponed
24 January	Civil & Struct		Talk	Talk on "Current Construction Practices in Melbourne, Australia"	Wisma IEM	Dr Chan Toong Khuan	73
26 January	Geotechnical		Talk	Talk on Experiences Sharing on the Current Geotechnical Practice in Hong Kong	Wisma IEM	Engr. Pan Kok Loong, Jack	58
27 January	Engrg Education		Talk	Talk on "Overview of Mobile AdHoc Networks"	Wisma IEM	Dr Morris Ezra	16
29 January	P Management		Talk	Talk on Findings and Implications of a Survey on Project Management Best practices in Malaysia	Wisma IEM	Ir. Frankie Chong	80
10 February	Engrg Education		Talk	Talk on "Statcom (Static Synchronous Copensator) Control for Power Transmission System Stabilisation"	Wisma IEM	Dr Stella Morris	30
12 February	Oil, Gas & Mining		Talk	Talk on Energy Management Gold Standard for Sustainability in Energy Management	Wisma IEM	Ir. Al-Khairi Mohd. Daud	40
15 February	YES		Competition	My Engineering Story Competition 2011	Prize presentation in Kuching, Sarawak	-	13



EVENT	ORGANISED BY/ SUPPORTED	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
16 February	Manufacturing		Visit	Technical Visit to Cerebos (Malaysia) Sdn Bhd	Shah Alam , Selangor	-	23
17 February	B Services		Talk	Talk on Energy Efficiency Through Scroll Technology	Wisma IEM	Mr. Abel R Gnanakumar	postponed
18 February	Welfare	Women Engineers Sub Committee	Talk	Talk on "Engineering Your Way to Wealth"	Wisma IEM	Ir. Tan Tang Hee	15
19 February	P Management		Talk	Talk on Complexity in Managing Refurbishment Projects	Wisma IEM	Dr Azlan Shah Ali	70
21- 22 February	Oil, Gas and Mining		Course	Two Day Course on Welding Design Requirements for Pressure Vessels	Wisma IEM	Mr. Ian Patridge	18
22 February	Agri & Food		Visit	Talk on "Maximising Retention of Bio-Active Ingredients in Dehydrated Products"	Wisma IEM	Ir. Assoc. Prof. Dr Law Chung Lim	postponed
22-23 February	P Management	IEM Penang Branch	Course	2 Day Course on Essential Project Management	IEM Penang Branch, Penang	Ir. Lee Boon Chong	30
23 February	Geotechnical	AGSSEA, Geo Soc. S'pore HKIE	Seminar	International Seminar on "Engineering A Sustainable Development: Role Played by Geotechnical Engineering"	Tropicana Golf and Country Resort	Various Presenters	60
23 February	Environmental		Talk	Life After Tin Mining and Quarrying : The Sunway Experience	Wisma IEM	Mr. Phang Koon Tuck	29
23 February	W. Resources		Talk	Talk on Techniques and Guidelines Towards Successful Rainwater Harvesting Installations and Practices	Wisma IEM	Ir. Elias Saidin	80
24 February	Consulting Eng	APEC/EMF and AER/AFEO	Talk	Talk on Certificate of Compliance and Completion	Wisma IEM	Ir. Yim Hon Wa	102
25 February	Agri & Food		Talk	Talk on Automotive Industry Effluent: Treatment and Re-use	Wisma IEM	Mr. Tanjore Swaminathan	28
26 February	P Management	Position Paper Committee	Forum	Half Day Forum on Relevancy of Project Management Consultancy (PMC)	Wisma IEM	Various Panelists	60
26 February	Oil, Gas & Mining		Talk	Talk on IECEX Scheme and Its Impact on the Oil, Gas, Petrochemical and Dust related Industries	Wisma IEM	Ir. Mohamad Naquib Mahfodz	33
27 February	High & Trans		Social	Hiking Trial to Sg Chilling Waterfall	Rawang Selangor	-	31
28 February	Civil & Struct		Course	One Day Course on Struct & The Modelling of Concrete Structures	Empire Hotel, Subang Jaya	Ir. Peter Gabor	133
22 February	Agri & Food		Visit	Talk on "Maximising Retention of Bio-Active Ingredients in Dehydrated Products"	Wisma IEM	Ir. Assoc. Prof. Dr Law Chung Lim	15
1-3 March	Tunnelling		Conference	International Conference and Exhibition on Tunnelling and Trenchless Technology- "Tunnelling in South East Asia - Future Challenges and Management of Safety and Risks in Tunnelling"	Sheraton Subang Hotel, Subang Jaya	Various Presenters	268
1- 3 March	B Services		Course	2 Day Course on Fire Control Concepts and Design of Active Wet Systems	Wisma IEM	Ir. Gary Lim Eng Hwa	30
2 March	P Management		Visit	Technical Visit to Petronas Penapisan (Melaka) Sdn Bhd	Wisma IEM	-	21



EVENT	ORGANISED BY/ SUPPORTED	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
3 March	High & Trans		Visit	Technical Visit to KL- Kuala Selangor Expressway	Selangor	-	8
5-6 March	Welfare	Women Engineers Sub Committee	Social	Exhibition and Demonstration on Engineering as a Career	1 Utama, P.J.	(open to public)	-
5 March	Welfare	Women Engineers Sub Committee	Workshop	Half Day Workshop on "Flower Arrangement- Hands On the Essence Of Flower"	Wisma IEM	Ms. Tan Bee Lee and Mr. Lim Boon Yan	cancelled
7-8 March	P Management		Course	2 Day Course on Microsoft Project Workshop	Wisma IEM	Ir. Frankie Chong	27
10 March	Oil, Gas & Mining		Talk	Information Management Solutions for the Oil and Gas Energy and Process Industries	Wisma IEM	Mr. Dag Pettersen, Mr. Yngve Nilsen	16
12 March	Manufacturing		Visit	Technical Visit to Cheong Foundry Sdn Bhd	Meru, Klang	-	17
15 March	Mechanical		Visit	Technical Visit to Headquarters of Energy Commission, Putrajaya	Putrajaya, WP	-	19
15 March	W Resources		Talk	Talk on Incorporating Energy Recovery into the Marine Outfall of a Desalination Plant	Wisma IEM	Mr. Darryl Andrews	18
16 March	Activities	EAMC	Talk	Talk on Year of Humanitarian Engineering - What Does it Mean ?	IEM	Mr. Mervyn Lindsay	37
17 March	B Services		Talk	Energy Efficiency Through Scroll Technology	IEM	Mr. Abel R. Gnanakumar	26
19-26 March	Welfare		Event	IEM Engineering Week 2011 on Engineering for a Better Living	Various venues	Various events	170
19 March	Welfare		Forum	Opening and Launching of IEM Engineering Week : Forum on "Engineering Stars"	MECC	Various Panelists	130
19 March	Oil, Gas & Mining		Talk	Talk on Marine Loading Arms Project Experience	Wisma IEM	Ir. Ahmad Rafidi Mohayiddin	19
19 March	YES		Talk	Talk on Understanding Intellectual Property	Wisma IEM	Mr. Toong Jo Han, Mr. Ramakrishan Damodharan	34
20 March	High & Trans		Social	Hiking Trial to Broga Hill	Broga		7
21 March	Engrg Education		Workshop	One Day Workshop on Preparing EAC Self assessment Report	Wisma IEM	Ir. Prof Ramesh Singh	46
21 March	Chemical		Talk	Talk on Cleaner Production for Engineers	Wisma IEM	Ir. Assoc. Prof. Dr Abdul Aziz bin Abdul Raman	16
22 March	Welfare	Women Engineers Sub Committee	Talk	Talk on Communicate for Positive Connection	Wisma IEM	Miss Choy Boon Ling	4
22 March	B Services		Course	One Day Course on Applications of Plastic Pipes in the Plumbing Industry	Kota Kemuning, Klang	Ir. Gary Lim Eng Hwa and Ir.Ung Ah Hock	17
22 March	Environmental		Talk	Talk on Sustainable LRT Project and the Environmental Impact	Wisma IEM	Mr. Edward Wong	postponed
23-24 March	Oil, Gas & Mining	WIM	Course	Two-Day Course on Welding Codes and Standards for Engineering Applications	Wisma IEM	Ir. Chen Fun Wee	11
23 March	W Resources		Talk	Talk on Water Demand Mangement Potential for Selangor Kuala Lumpur and Putrajaya	Wisma IEM	Mr. James T. Cherian	21



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23 March	Electrical		Talk	Talk on Energy Efficiency and Conservation Initiatives in Malaysia	Wisma IEM	Ir. Francis Xavier Jacob	33
24 March	Chemical		Talk	Talk on Scientific Research Funding from the European Union	Wisma IEM	Mr. David Crowley	23
25 March	Chemical		Talk	Talk on Managing Knowledge on Engineering Premised Organisation - Awareness and a Perspective Overview	Wisma IEM	En. Agil bin Atan	19
25 March	Corporate Affairs	MAICSA	Talk	Talk on "Business Tax - What You Should Know".	Wisma IEM	Ir. Peter Lim Thiam Kee, Mr. Akbar Moldunny, Mr. Og WheeTiong	3
26 March	P Management		Talk	Engineering a Quality of Life	Wisma IEM	Ir. Faizal bin Abdullah	postponed
26 March	Welfare		Forum	Closing Ceremony of IEM Engineering Week 2011	Kuching, Sarawak	-	83
28 March	High & Transport		Seminar	One Day Seminar on Road Safety Audit	Wisma IEM	Ir. Mohd. Shahrom Ahmad Saman, Ir. Richard Wong Chuen Fun and Ir. Aik Siaw Kong	63
28 March	High & Transport		Talk	Talk on Wire Rope Road Safety Barrier	Wisma IEM	Ir. Osman Khan	48
29 March	P Management		Course	One Day Course on Selection of Project Management Team Leaders	Wisma IEM	Dato Ir. First Admiral (B) Hj. Ahmad Murad bin Hj. Omar	cancelled
29 March	Manufacturing		Talk	Talk on "Practising Universal Values and Good Work Ethics by Engineers"	Wisma IEM	Tan Sri Datuk Soong Siew Hoong	28
1 April	Consulting Eng		Talk	Talk on Case Histories on Slope Failures and Rehabilitations Using Geogrid	Wisma IEM	Ir. Dr Ooi Teik Aun	41
1 April	Consulting Eng		Meeting	2nd Annual General Meeting	Wisma IEM	-	31
4 April	Agri & Food		Talk	Talk on Flovac Vacuum Sewerage System	Wisma IEM	Mr. Rick Wickham	27
9 April	P Management		Workshop	Half Day Workshop on Industry Based Project Management	Wisma IEM	Ir. Faizal bin Abdullah	postponed
9 April	YES		Talk	Talk on Engineer as a Consulting Engineer	Wisma IEM	Ir. Dr Gue See Sew	126
10 April	Welfare	Women Engineers Sub Committee	Workshop	Treat Yourself with this Unique Experience Workshop on Raw Food Master Class Series	Cooking House, K. Lumpur	Raw Chef Ana Maria Sanchez	cancelled
12 April	Oil, Gas & Mining		Talk	Talk on Energy Efficiency Using Hydrocarbon as Green Refrigerent	Wisma IEM	Ir. Al-Khairi Mohd. Daud	postponed
13 April	High & Trans		Forum	Forum on Klang Valley Mass Rapid Transit: Sungai Buloh - Kajang Line - Engineers Feedback	Wisma IEM	Various Presenters	62
16 April	Activities		Meeting	52nd Annual General Meeting	Wisma IEM	-	312
16 April	Activities		Social	52nd Annual Dinner and Awards Night	Putrajaya Marriott Hotel,	-	890
19 April	B Services		Talk	Talk on "Heat Pump Applications & Advantages for Building Industry Services"	Wisma IEM	Mr. Kuan Kuo Yuan	51
23 April	Agri & Food		Visit	Technical Visit to Perodua	Rawang, Selangor	-	22



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23 April	Tunnelling		Talk	Talk on "Pahang - Selangor Interstate Water Transfer Tunnel"	Wisma IEM	Ir. Dr Zulkefle Nordin	postponed
23 April	Welfare	Women Engineers Sub Committee	Workshop	1 Day Workshop on Explosive Income Generation	Wisma IEM	Ir. Tan Tang Hee	21
23 April	Oil, Gas and Mining		Talk	Talk on Computational Fluid Dynamics in the Oil & Gas Industry	Wisma IEM	Ir. Rafael Shamsudin and En. Zamir Rashid	87
25 - 26 April	Oil, Gas and Mining	WIM	Course	2 Day Course on Advanced Non-Destructive Testing (NDT) in Engineering Application	Wisma IEM	En. Emran bin Alias	postponed
26 April	Manufacturing		Visit	Technical Visit to Sunay Keramo	Klang, Selangor	-	postponed
26 April	PPC	EAMC	Talk	Talk on Intellectual Property in the Construction and Building Industry	Wisma IEM	Mr. Eow Khean Fatt	20
28 -30 April	P Management		Course	A Five Day Certification Course for PMP® Exam Preparation	Wisma IEM	Mr Peter James Gilliland	23
28 April	W Resources		Talk	Talk on Water Quality Modeling with Changing Climate	Wisma IEM	Assoc. Prof. Dr Ramani Bai Varadharajan	18
29 April	Chemical		Talk	Talk on Nuclear Safety : An Environmental Health and Engineering Perspective	Wisma IEM	Ir. Prof Dr Tan Ka Keng	23
30 April	Environmental		Talk	Pre AGM Talk on Opportunity in Brownfield	Wisma IEM	Mr. Lee Seng Shern	56
30 April	Environmental		Meeting	19th Annual General Meeting	Wisma IEM	-	43
30 April	Oil, Gas & Mining		Visit	Visit to Selinsing Gold Mine Managers Sdn Bhd	Kuala Lipis, Pahang	-	20
4-5 May	B Services		Course	2-Day Course on "Design Concepts of Plumbing & SWV Systems"	Wisma IEM	Ir. Gary Lim Eng Hwa	27
7 May	Women Engineers Sub Committee	Welfare	Social	A Special Invitation to all Women Engineers Celebrating Women in Engineering cum Forum On Engineering Beyond Technical Expertise	Singgahsana Hotel	Various Presenters	88
7 May	Tunnelling		Talk	Talk on Structural and Environmental Asset Protection for Geotechnical And Tunnelling Works Using Real Time Monitoring & Alert Systems	Wisma IEM	Ir. Dr Tan Guan Hong	87
7 May	Tunnelling		Meeting	11th Annual General Meeting	Wisma IEM	-	60
7 May	Electrical		Talk	Dependability, Productivity and Profitability	Wisma IEM	Ir. Mah Soo	46
7 May	Electrical		Meeting	26th Annual General Meeting	Wisma IEM	-	40
8 May	Highway		Hiking	Hiking Trail to Gunung Angsi	Negeri Sembilan	-	23
9-10 May	YES		Course	2 Day Course on Professional Business Writing Skills	Wisma IEM	Dr Alister King	52
11 May	Welfare		Talk	Talk on Fats that Heat Fats that Kill	Wisma IEM	Ir. Soo Tian Tiong and Mr. Stanley Too	15
13 May	Chemical		Talk	Talk on New Trends in Polyurethane Wastes Chemical Recycling	Wisma IEM	Mir Mohammad Alavi Nikje	15
13-14 May	P Management		Course	A Five Day Certification Course for PMP® Exam Preparation	Wisma IEM	Mr. Peter James Gilliland	25



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14 May	Manufacturing		Visit	Technical Visit to Poly Steel Pipe Sdn Bhd	Klang	-	23
14 May	Chemical		Talk	HyReQ: A High Crude Oil Recovery Process for Offshore Production	Wisma IEM	Engr. Ooi Boon Lee	30
16 May	P Management		Course	One Day Course on Overview of Law of Contract and Construction Law	Wisma IEM	Ir. Lai Sze Ching	51
20 May	Agri & Food		Talk	Talk on Industrial Waste Water for Food Processing Plants	Wisma IEM	Mr. Chris Lim	15
21 May	W Resources		Talk	Talk on i) Review of the National Water Resources Study (2000-2050): Outputs, Findings and Recommendations ii) Implementation of Water Services Industry Act(WSIA) 2006 - Achievements, issues and Challenges	Wisma IEM	Ir. Hj. Hanapi bin Mohamad Noor and Dato Teo Yeo Hua	62
21 May	W Resources		Meeting	24th Annual General Meeting	Wisma IEM	-	50
21 May	E & T		Workshop	Professional Interview Workshop	Wisma IEM	Various Speakers	120
24 May	Manufacturing		Talk	Talk on "Efficient Used of Energy"	Wisma IEM	Ir. Francis Xavier Jacob	31
24-25 May	P Management	IEM Sarawak Branch	Course	Two Day Course on Essential Project Management	IEM Sarawak Branch Auditorium, Kuching	Ir. Lee Boon Chong	28
25 May	Tunnelling		Visit	Technical Visit to Interstate Water Transfer Tunnel Project	Langat Site, Selangor	-	cancelled
25-26 May	Electrical		Course	Two Day Energy Course Series on Part 2 of 3: Registered Electrical Energy Manager (REEM) - An Overview of Electrical Energy Equipment Management & Application	Wisma IEM	Ir. Lam Sing Yew	34
27 May	Mechanical		Seminar	Half Day Seminar on Improving Indoor Air Quality with Nano Technology Titanium Oxide (TiO ₂) with Special Address on Green Buildings	Wisma IEM	Various Speakers	44
27 May	Marine		Meeting	Formation of the Marine Engineering Technical Division	Wisma IEM	-	45
27 May	Marine		Talk	Talk on The Road Towards Achieving Chartered Registration Through The Institution of Marine Engineers Science and Technology	Wisma IEM	Dato' Ir. First Admiral (B) Hj. Ahmad Murad bin Hj.Omar	33
27 May	Corporate Affairs	AER NMC	Talk	Talk on How SMEs in the Engineering Services Can Benefit from the Economic Transformation Programme	Wisma IEM	Dato Hafsa bte Hashim	31
28 May	Project Management		Talk	Talk on Important Qualities of Design Team in Managing Client's Brief	Wisma IEM	Sr. Dr Hj. Norizan Ahmad	51
28 May	P Management		Course	One Day Course on Alternative Dispute Resolution in Construction Industry	Wisma IEM	Ir. Lai Sze Ching	31
30 May	Geotechnical	Civil & Struct and CESIG	Seminar	Half Day Seminar on Engineering Aspects of Burj Khalifa	Wisma IEM	Various Presenters	94
31 May	Manufacturing		Talk	Technical Visit to Biogas Plant - Serting Hilir Palm Oil Mill	N. Sembilan	-	16



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1 June	Engrg Education		Talk	Talk on The Challenges and Behaviour Dispute Resolution Methods in Malaysian Construction Industry	Wisma IEM	Dr Chong Heap Yih	60
6 June	Mechanical		Talk	Talk on Self Motivation for Engineers	Wisma IEM	Ir. Dr Chong Chieng Fatt	13
6 June	Mechanical		Talk	Talk on Biogas Production and Utilisation - German Perspective	Wisma IEM	Dr Ing Michael Saiffert	30
7 June	Engrg Education		Talk	Talk on The Ampang Line LRT Extension Project	Wisma IEM	Mr. David Starbuck	76
8 June	Mechanical		Talk	Talk on Advanced Building Assessment Tools	Wisma IEM	Ir. Soong Peng Soon	31
9 June	Mechanical		Talk	Talk on Mechanised Water Treatment	Wisma IEM	Ir. Assoc. Prof. Dr Abdul Talib bin Din	28
10 June	Oil, Gas and Mining		Talk	Talk on Energy Efficiency using Hydrocarbon as Green Refrigerant	Wisma IEM	Ir. Al-Khairi Mohd. Daud	24
11 June	Oil, Gas & Mining		Talk	Talk on Field Development Plan - How a Reservoir Engineer Adds Value	Wisma IEM	Cik Allida Muhammad Said	23
11 June	Geotechnical		Talk	Issues Raised by the Application of Eurocode 7 to the Design of Reinforced Soil Structures	Wisma IEM	Mr. Mike Dobie	125
11 June	Geotechnical		Meeting	22nd Annual General Meeting	Wisma IEM	-	83
12 June	High & Transport		Hiking	Hiking Trail to Bukit Tabur (West)	Gombak, K. Lumpur	-	18
12 June	Welfare		Visit	Health Trip to GK Organic Farm	Bangi Selangor	-	18
13 June	Engrg Education		Visit	Technical Visit to the Rapid KL Kelana Jaya Line LRT Depot at Lembah Subang	Lembah Subang	-	38
13 June	P Management		Course	One Day Course on Common Problems of Construction Contract	Wisma IEM	Ir. Lai Sze Ching	80
15 June	Mechanical		Talk	Talk on "Jet Fan and Computational Fluid Dynamics (CFD)"	Wisma IEM	Ir. Kannan M Munisamy	24
16 June	Engrg Education		Talk	Talk on Wireless Environmental Monitoring System (EMS) for M & E Rooms	Wisma IEM	Mr. Ooi Chee Thim	38
17 June	Welfare	Women Engineers	Talk	Talk on "Plan Your Life, Live Your Dreams"	Wisma IEM	Ms. Joyce Lim	7
18 June	Agri & Food		Visit	Technical Visit to "Kenso Factory" in Pulau Indah, Port Klang	Port Klang, Selangor	-	12
18 June	YES		Workshop	Your Next Step - Career, Corporate Membership and Professional Engineer (PI Workshop)	Wisma IEM	Ir. Hoo Choon Sean and PI Sub Committee	101
18 June	YES		Meeting	41st Annual General Meeting	Wisma IEM	-	36
21 June	Oil, Gas & Mining		Seminar	One Day Seminar on Drilling Engineering Overview	Wisma IEM	En. Razak bin Yakob	8
22 June	Electrical		Talk	Talk on Is Power Quality Phenomenon: Affecting Electrical Equipment Performance	Wisma IEM	Ir. Lam Sing Yew	40
23 June	Corporate Affairs	APEC/EMF, IEM PEMUDAH - PEMANDU Sub Committee	Talk	Evening Talk on Improvement in the Property Sector through the Implementation of One-Stop Centres (OSC) and Certificate of Compliance and Completion (CCC)	Wisma IEM	Puan Aminah Abdul Rahman	71



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23 June	Electrical		Course	Half Day Course on "Centrifugal Pump, Hydraulic, Application and Pump Audit"	Wisma IEM	Mr. Ho Ching Wah, Mr. Aew Young Chan Hoong and Cik Halimah	38
24 June	Agri & Food		Talk	Talk on Hydraulics and Automation in Palm Oil Mills and in Other Industries	Wisma IEM	Mr. Ku Swee Choong	postponed
25 June	High & Trans	Geotechnical	Visit	Technical Visit to the Second Penang Bridge Project	Penang	-	38
27 June	Engrg Education		Talk	Talk on Knowledge Management in a Project Environment	Wisma IEM	Dr Tan Hai Chen	44
27-28 June	Oil, Gas & Mining		Course	2 Day Course on Maintenance Management: An Overview	Wisma IEM	Ir. Al-Khairi Mohd. Daud	15
30 June	Welfare	Women Engineers Sub Committee	Talk	Talk on S.W.O.T. - The Way For Personal & Financial Growth	Wisma IEM	Ms. Joyce Lim	18
2 July	P Management		Talk	Talk on Professional Ethics in Project Mangement - Can We Learn from the 311 Tragedy?	Wisma IEM	Prof. Dr Hamzah Abdul Rahman	94
2 July	P Management		Meeting	7th Annual General Meeting	Wisma IEM	-	82
2 July	High & Trans			Technical Visit to Swing Bridge	Prai, Penang	-	16
9 July	B Services		Course	Half Day Course on District Colling System - Central Chiller	Wisma IEM	Mr. Danny Tan Hong Khai	postponed
9 July	Oil, Gas and Mining		Talk	Talk on Process Safety for Oil and Gas Facilities	Wisma IEM	En. Sallehuddin Sidek	postponed
11 July	Geotechnical	SIRIM	Workshop	One Day Workshop on "Malaysia National Annex to Eurocode 7 Geotechnical Design - Part 1: General Rules"	Shah' Village Hotel, P. Jaya	Ir. Tan Yang Kheng and Prof. Brian Simpson	50
12-14 July	Environmental	GHD Perunding, AECOM, ENVIRON, ERM	Conference	Brownfield Asia 2011: International Conference on Remediation and Management of Contaminated Land	K. Lumpur	Various Presenters	121
12 July	Chemical		Course	One Day Course On Corrosion Control of Steel Structures by Cathodic Protection	Wisma IEM	Mr. Kang Kim Ang, Engr. Ong Wei Rex	postponed
12 July	Geotechnical		Seminar	Half Day Seminar on "Excavation Design, Case Histories & Geotechnical Safety in Relation to Water Pressures"	Wisma IEM	Prof. Brian Simpson	52
13 July	Geotechnical	SIRIM/Penang Branch	Workshop	One Day Workshop on "Malaysia National Annex to Eurocode 7 Geotechnical Design - Part 1: General Rules"	Kompleks Masyarakat Penyayang George Town, Penang	Ir. Tan Yang Kheng and Prof. Brian Simpson	30
14 July	Environmental		Visit	Technical Visit to Petronas Oil Refinery, Malacca	Malacca	-	40
15 July	Environmental	AECOM	Workshop	Post Conference Workshop on Application of Contaminated Land Management Guidelines	Wisma IEM	Various Presenters	42
15 July	Geotechnical	SIRIM/Sarawak Branch	Workshop	One Day Workshop on Malaysia National Annex to Eurocode 7 Geotechnical Design - Part 1:General Rules"	Auditorium Ultimate Professional Centre, Kuching, Sarawak	Ir. Tan Yang Kheng and Prof. Brian Simpson	46
16 July	Women Engineers	Welfare Sub Committee	Workshop	One Day Workshop on "Professional Photography"	Wisma IEM	Mr. Tey Hwee Wai	10



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16 July	Women Engineers	Welfare Sub Committee	Workshop	One Day Workshp on Resourceful Now - Transform the ViPeR Within	Wisma IEM	Ms. Choy Boon Ling and Ms. Sharon Ng	10
16 July	Manufacturing		Meeting	20th Annual General Meeting	Wisma IEM	-	52
16 July	Manufacturing		Talk	Talk on " Occupational Safety and Health"	Wisma IEM	Ir. Mohd Hatta bin Zakaria	82
18 July	Geotechnical	SIRIM/Southern Branch	Workshop	One Day Workshop on Malaysia National Annex to Eurocode 7 geotechnical Design - Part 1: General Rules"	Zon Hotel, Johor Bahru	Ir. Tan Yang Kheng and Prof. Brian Simpson	15
19-21 July	W Resources		Site Visit	Bakun Hydroelectric Project Site Visit	Bakun, Sarawak	-	14
19 July	Engrg Education		Seminar	One Day Seminar: Bridging the Gap Between Industry and Academia	Wisma IEM	Various Presenters	cancelled
19 July	B Services		Talk	Talk on Introduction of a Packaged Web-based Power Supervisory Management System and Its Application to Fast Food Restaurant Energy Management	Wisma IEM	Mr. William Tseng	46
20 July	Activities		Social	IEM Golf Tournament 2011	Perangsang Templer Golf Club, Templer Park Resort	-	65
20 July	Mechanical		Talk	Talk on "Solar Energy Technologies for South East Asia"	Wisma IEM	Mr. Horst Kruss	62
20-21 July	Civil & Struct		Course	2 Day Course on Design of Steel Connections to Eurocodes EC3 Part 1-8	Holiday Inn KL Glenmarie Shah Alam	Prof. Frantisek Wald, Prof. Chiew Sing Ping and Prof. Tan Kang Hai	87
23 July	Chemical		Workshop	Half Day Workshop: How to Assess Inherent Occupational Health in Chemical Process Plant	Wisma IEM	Dr Mimi H. Hassim	15
23 July	Electronics		Meeting	3rd Annual General Meeting	IEM Penang Branch Office, Penang	-	25
23 July	Civil & Struct		Talk	Talk on " Developing a Feel for Structural Behaviour and Structurak Design from a Consulting Engineer's Perspective (Back to BackUsing Hand Computation to Check Computer Results)	Wisma IEM	Ir. MC Hee	129
23 July	Civil & Struct		Meeting	25th Annual General Meeting	Wisma IEM	-	70
25 July	Civil & Struct	IES	Seminar	IEM-IES One Day Seminar on Precast Concrete for Highrise	Hotel Armada PJ	Er. Lawrence Pak Yew Hock, Er. Lim Chong Sit and Mr. Tan Chee Hock	111
25 July	YES		Course	One Day Short Course on Implementation of Microfluidic Technologi in Bioamens and Physicalmens Sensor	Wisma IEM	Dr Asrulnizam bin Abd. Manaf	cancelled
25 -26 July	Oil, Gas & Mining		Course	2 Day Course on Value Base Maintenance Using Proactive Reliability Concept	Wisma IEM	Ir. Al-Khairi Mohd. Daud	10
26 July	Engrg Education		Visit	Technial Visit to CIDB (Makmal Kerja Raya Malaysia)	CIDB, K. Lumpur	-	13
27 July	YES		Talk	Talk on "Green Technologies to Combat Climate Change: Is Earth in Trouble ?"	Wisma IEM	Engr. Kee Wai Fun	32



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27 July	B Services		Talk	Talk on "Ventilation & Pressurization Control: Technologies and Methods for Improved Energy Efficiency and IAQ"	Wisma IEM	Mr. Len Damiano	50
28 July	Engrg Education		Visit	Technical Visit to Mas Hangar, Subang	Subang	-	34
28 July	High & Trans		Talk	Talk on "Water Susceptibility and Fatigue Properties and Performance of Polymer Fibre reinforced Bituminous Mixtures"	Wisma IEM	Ir. Dr Ibrahim Kamaruddin	28
28 July	PPC	Condition of Contract Sub Committee	Seminar	Launching and a Half Day Seminar on IEM Conditions of Contracts for Civil Engineering Works	Shah's Village Hotel, P. Jaya	Ir. Oon Chee Kheng	40
29 July	Electrical		Course	Half Day Course on Low Voltage Electrical System for Operating Theatre and Critical Care Areas. For Healthcare Facilities	Wisma IEM	Ir. KT Lim	postponed
29 July	P Management		Workshop	One Day Workshop on Industry Based Project Management	Wisma IEM	Ir. Faizal Abdullah Sanusi and Ir. Lee Boon Chong	17
29 July	Geotechnical		Talk	Overview of Design Concepts and Examples of Numerical Modeling of Anchors and Piles for Slope Stabilisation	Wisma IEM	Dr Senro Kuraoka	40
30 July	YES		Social	White Water Rafting at Sungei Selangor	Kuala Kubu Bahru	-	20
31 July	High & Transport		Social	Hiking Trail to Gunung Datuk	Rembau Negeri Sembilan	-	17
1 August	Electrical		Course	Half Day Course on Low Voltage Electrical System for Operating Theatre and Critical Care Areas. For Healthcare Facilities	Wisma IEM	Ir. KT Lim	42
1 August	Geotechnical		Talk	Static and Seismic Analysis of Solid Waste Landfills	Wisma IEM	Prof. Pedro Simao Seco e Pinto	24
2 August	Geotechnical	Tunnelling & Underground Space	Talk	Long Term Tunnel Mechanism of Two Metro Lines in Shanghai, China	Wisma IEM	Prof. Charles W.W. Ng	63
4 August	Environment		Talk	Talk on Green Building - The Australia Pixel Experience	Wisma IEM	Ms. Im Chua	64
6 August	Engrg Education		Tal	Talk on Implementing Continuous Quality Improvement (CQI) in the Delivery of Engineering Programme : Issues and Challenges	Wisma IEM	Ir. Prof. Dr Ramesh Singh	79
6 August	Engrg Education		Meeting	15th Annual General Meeting	Wisma IEM	-	55
13 August	B Services		Talk	Talk on Sprinkler Design Standards , The History and Major Differences (LPC Rules and NFPA 13)	Wisma IEM	Ir. Gary Lim Eng Hwa	70
13 August	B Services		Meeting	25th Annual General Meeting	Wisma IEM	-	63
18 August	Welfare	Women Engineer Sub Committee	Social	Speed Dating	Wisma IEM	-	cancelled
23 August	Chemical		Talk	Current Development of Biopolymers	Wisma IEM	Dr Lee Tin Sin and Ir. Dr TeeTiam Ting	25
27 August	P Management		Talk	Talk on Strategic Alignment of Projects	Wisma IEM	Ir. Lee Boon Chong	41
7-8 September	P Management		Course	2 Day Course on Essential Project Management	Wisma IEM	Ir. Lee Boon Chong	45



EVENT	ORGANISED BY/ SUPPORTED	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
8 September	Public Sector Engineering		Meeting	1st meeting of Public Sector Engineers Special Interest Group	Wisma IEM	-	20
9-10 September	Women Engineers Sub Committee	Welfare	Workshop	2 Day Workshop on Projecting a Professional and Confident Corporate Image	Wisma IEM	Miss Wendy Lee	cancelled
9-10 September	Geotechnical		Seminar	2 Day Seminar on Geotechnical Engineering	Wisma IEM	Various Presenters	56
10 September	Oil, Gas & Mining		Talk	Talk on Process Safety for Oil and Gas Facilities	Wisma IEM	En. Sallehuddin Sidek	51
15-16 September	P Management		Visit	Technical Visit to Iskandar Johor Bahru, Malaysian Marine & Heavy Engrg. Pasir Gudang- MRT S'pore	Johore & Singapore	-	40
20 September	Oil, Gas & Mining		Visit	Visit to MIR Value Sdn Bhd	Shah Alam, Selangor	-	5
21 September	Mechanical		Talk	Talk on Enabling Research in Civil, Mechanical, Materials and Biomedical Engineering Using Advanced Knowledge in Physics	Wisma IEM	Dr Kheng-Lim Goh	22
23 - 24 September	B Services		Course	Two Day Course on Design of Sprinkler Systems - MS 1910, NFPA 13 and NFPA 15 Water Spray System	Wisma IEM	Ir. Gary Lim Eng Hwa	41
24 September	Agri & Food		Visit	Technical Visit to "Modipalm Engineering Sdn Bhd"	Kuala Langat, Selangor	-	16
24 September	P Management		Talk	Talk on Impact of Project Management Maturity on Organisational Performance	Wisma IEM	Mr. Robert Gan	55
25 September	Welfare		Social	IEM Family Day	Taman Bandaran Kelana Jaya, P. Jaya	-	471
26 September	Chemical		Visit	Visit to Malaysia Nuclear Agency MINT	Kajang, Selangor	-	42
27 September	Geotechnical		Talk	Talk on Road and Railway Construction on Soft Ground- Advantages and Limitations of Geosynthetic Reinforcement Solutions	Wisma IEM	Dipl. Ing. Jorg Klomp maker	64
27 September	High & Trans		Talk	Talk on "Doing Things Differently - Embracing Shared Space Concepts in Transport Planning"	Wisma IEM	Mr. Kevin Ratnasingam	19
30 September	P Management		Talk	Talk on Stakeholder Relationship Management in the Project Environment	Wisma IEM	Mr. Chia Fah Choy	30
30 September - 1 October	Environmental		Visit	Technical Visit to Tee The Palm Oil Mill (Pahang) and Koref EcO Farm Resort Sdn Bhd (Johor)	Wisma IEM	-	13
30 September - 2 October	High & Trans	Welfare	Social	3 in 1 (Technical Health and Hiking) Trip to Cameron Highlands	Cameron Highlands	-	20
1 October	High & Trans		Social	Hiking Trail to Gunung Irau	Cameron Highlands	-	22
1 October	Chemical		Meeting	25th Annual General Meeting	Wisma IEM	-	50
1 October	Chemical		Talk	Talk on Process Safety: What, Why and How	IEM	En. Khairuddin bin Mohd. Piah	113



EVENT	ORGANISED BY/ SUPPORTED	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
1 October	Marine		Technical Visit	Technical Visit to Muhibbah Marine Engineering Sdn Bhd	Pulau Indah	-	37
2-7 October	Corporate Affairs	FEIAP, IES	Convention	FEIAP Convention 2011 : International Conference on Engineering education and Accreditation with FEIAP General assembly, Meetings and Work Group Discussion	Furnama Riverfront Hotel, Singapore	Various Presenters	230
3 October	High & Trans		Visit	Technical Visit to Penang Second Bridge	Penang	-	40
4 October	Electrical		Talk	Talk on IEEE Communications Society in Convergence Era	Wisma IEM	Prof. Dr Byeong Gi Lee	22
5 October	YES		Talk	Talk on Regulation for Determination of Smoke Control System Guidelines, Calculations and Testing	IEM	Ir. Daniel Lim	60
6-7 October	Agri & Food		Course	2 Day Course on A Practical Approach to Boiler Operation, Maintenance & Management	Singgahsana Hotel, P. Jaya	Mr. Canaraj Rammorthy	postponed
8 October	Mechanical		Visit	Technical Visit to George Kent Technology Centre	Puchong	-	31
8 October	High & Trans		Talk	Talk on Jambatan Kedua Pulau Pinang	Wisma IEM	Dato' Ir. Dr Ismail bin Mohamed Taib	107
8 October	High & Trans		Meeting	20th Annual General Meeting	Wisma IEM	-	60
10 October	Electrical		Tutorial	Tutorial on Sustainable Solutions for Energy Utilisation	Palace of the Golden Horses, Kuala Lumpur	Dr Douglas Henderson and Dr Volker Pickert	270
10-12 October	Electrical	IET	Conference	International Conference on Sustainable Solutions for Energy Utilisation	Palace of the Golden Horses, Kuala Lumpur	Various Presenters	320
11 October	W. Resources		Talk	Talk on Pahang - Selangor Raw Water Transfer Project, Lot 1-2 Kelau Dam and Related Works	Wisma IEM	Ir. Romziah Azit	cancelled
11 October	Environmental		Talk	Talk on Carbon Foot Printing, Carbon Reduction Road Map: What You Should Know	Wisma IEM	Ms. Roselina Ariffin	87
12 October	Mechanical		Talk	Talk on "Ethics in Engineering"	Wisma IEM	Ir. Assoc Prof Dr Abdul Talib Din	54
12-14 October	P Management		Course	3 Day Course on Project Risk Management	Wisma IEM	Ir. Chan Joo Chong	cancelled
14-15 October	Women Engineers Sub Committee	Welfare	Workshop	2 Day Workshop on Projecting A Professional and Confident Corporate Image	Wisma IEM	Miss Wendy Lee	cancelled
15 October	YES		Workshop	Half Day Workshop on Uncovering the Power of Patent Searching	Wisma IEM	Mr. Liew Chee Keat and Mr. Puvaneswarri Nanjappan	cancelled
18 October	Project Management		Visit	Technical Visit to Diamond Building of Energy Commission	Putrajaya	-	26
19-20 October	G/S Section		Course	Two Day Course on Principles and Design of Electrical System in Buildings	Wisma IEM	Ir. Teo Cheng Yu	101
20 October	Infrastructure Sub Committee		Talk	Talk on Awareness of the 5'S	Wisma IEM	En. Sharif Shamsudin	34
20 October	Marine		Talk	Talk on Catenary Anchor Leg Mooring (Calm) Buoy	Wisma IEM	En. Hud bin Halid and En. Mohd. Akmal Abu Hassan	46



EVENT	ORGANISED BY/ SUPPORTED	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
22 October	PI Board	E & T	Workshop	Professional Interview Workshop	Wisma IEM	Various Speakers	61
22 October	Mechanical		Meeting	26th Annual General Meeting	Wisma IEM	-	70
22 October	Mechanical		Talk	Talk on The Role of 21 Century Engineers in Sustainable Development	Wisma IEM	Ir. Dr Aidil Chee Tahir	94
22 October	Mechanical		Social	METD Networking Lunch	Armada Hotel, P. Jaya	-	70
22 October	Women Engineer Sub Committee	Welfare	Workshop	1 Day Workshop on Projecting a Profession and Confient Corporate Image	Menara NCT	Ms. Wendy Lee	25
27 October	Mechanical		Presentation	Special Presentation on "Power Generation & Controls"	Hotel Armada, P. Jaya+F557	Mr. Dave Hardwich and Mr. Lim Tun Chin	48
27 October	Environmental		Talk	Talk on Accident Investigations in the Construction Industry	Wisma IEM	Ir. Daud Sulaiman	68
29 October	P Management		Talk	The Role of Project Management in Promoting Transparency	Wisma IEM	Ir. Ali Askar Bin Sher Mohamad	80
29 October	Mechanical		Presentation	Special Presentation on :Raising the Bar - Focus on Competitiveness"	Wisma IEM	Mr. Ravindran Devagunam	15
1 November	Chemical		Talk	Talk on Preliminary Design and Optimisation of Plam Oil Based Biorefinery	Wisma IEM	Assistant Prof. Dr Denny KS Ng	51
2 November	Mechanical		Talk	Talk "Green Technology Initiative - Energy Conservation Via Effective Bas"	Wisma IEM	Ir. Michael Kwan Ching Dao and Mr. Simon Mahoney	55
2 -3 November	Civil & Struct		Course	2 Day Course on Analysis & Design to EC8 Demystified	Armada Hotel, P. Jaya	Prof. Dr Nelson Lam and Ir. MC Hee	92
4 November	Mechanical		Presentation	Special Presentation on "Power Generation in Green Technology"	Hotel Armada, P. Jaya	Mr. Charles Tham, Mr. Eddie Lee, Mr. Raghuram Natarajan and Mr. Albert Chang	91
4 November	Marine		Forum	Half Day Forum on "Shipbuilding/Ship Repair Industry Strategi Plan 2020"	Wisma IEM	Lt Col (Rtd) Ir. Kamarulzaman Zainal	46
25 November	Geotechnical	Engrg Alumni UM	Lecture	21st Annual Prof Chin Fung Kee Memorial Lecture On Engineering and Entrepreneurship: Is It an Oxymoron ?	JW Marriot Hotel, K. Lumpur	Tan Sri Dato Engr. Dr Francis Yeoh Sock Ping	472
5 November	Project Management		Talk	Talk on "Engineering a Quality of Life"	Wisma IEM	Ir. Faizal bin Abdullah Sanusi	63
8 November	Geotechnical		Talk	Talk on Ground Treatment for High Speed Railway Track in Northern Part of Peninsular Malaysia	Wisma IEM	Ir. Lee Peir Tien	60
10 November	Civil & Struct		Talk	Talk on Design and Costruction of Jalan Bangsar - Travers Viaduct(KL Sentral) Package 1 and 2)	Wisma IEM	Ir. Teh Tzyy Wooi	71
10 November	Mechanical		Talk	Talk on Opportunities of Green Technology for New Growth	Wisma IEM	Mr. Ralph Yew and Ir. Dr Cheong Thiam Fook	40
11 November	Chemical		Course	One Day Course on Corrosion Control of Steel Structures by Cathodic Protection	Wisma IEM	Mr. Kang Kim Ang and Engr. Ong Wei Rex	30
12 November	Women Engineer Sub Committee		Workshop	1 Day Workshop on SWOT for Your Finances	Wisma IEM	Ms. Joyce Lim	12
12 November	Oil, Gas & Mining		Talk	Talk on An Overview of Heat Exchangers: The Industry Experience	Wisma IEM	Ir. Alzkari Ekhwan	80
12 November	Oil, Gas & Mining		Meeting	21st Annual General Meeting	Wisma IEM	-	44



EVENT	ORGANISED BY/ SUPPORTED	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
12 November	Oil, Gas & Mining		Talk	Talk on Risk Sharing Contracts	Wisma IEM	Mr. Khem Thadani	51
12 November	High & Trans		Talk	Talk on Sharing Nature Guiding Experience	Bangunan IEM	Mr. Gary Phong	13
14 -15 November	Geotechnical		Course	2 Day Short Course on Geotechnical FEM with Plaxis	Wisma IEM	Prof. Harry Tan Siew Ann	60
15 November	Project Management		Talk	Talk on "Occupational Safety and Health in Workplace"	Wisma IEM	Ir. Lai Sze Ching	67
17 November	Engineering Education		Talk	Talk on Heat Pipes and Heat Pipe Heat Exchangers	Wisma IEM	Assoc. Prof. Dr KS Ong	26
17 November	Information Technology		Talk	Talk on "Building Information Modelling for Engineers"	Wisma IEM	Mr. Rhoel D. Maliksi	44
17 November	Mechanical		Seminar	Technical Seminar on " Green Cooling Utilizing Innovative Hybrid Technology"	Crystal Crown Hotel	Ir. Dr Cheong Thiam Fook	82
18-19 November	Marine		Visit	Technical Visit to Keppel FELS (Offshore) & Keppel Singmarine (Shipbuilding) and Marine Laboratory Univesiti Teknologi Malaysia, Johor	Johor	-	25
19 November	Agri & Food		Visit	Technical Visit to Alfa Laval in Shah Alam	Shah Alam, Selangor	-	17
19 November	Environmental		Talk	Talk on Sustainable LRT Project and the Environmental Impact	Wisma IEM	Mr. Edward Wong	71
21 November	Activities		Roadshow	One Day Seminar on Adopting Eurocode for Structural Steel Design (EC3) In Malaysia)	IEM Penang Branch	Ir. Prof. Dr Jeffrey Chiang Choong Luin and Assoc. Prof. Dr Chiew Sing Ping	cancelled
23 November	Project Management		Visit	Technical Visit to Gas District Cooling Plant, Putrajaya	Putrajaya, Wilayah P		13
23 November	Eng Education	EAMC	Talk	Talk on Educating Engineers on Effective Stress Management	Wisma IEM	Dr Goh Chee Leong	30
24 November	ITSIG		Talk	Talk on Energy Efficiency and Monitoring	Wisma IEM	Ir. Kumarason S Kandiah	52
24-26 November	Project Management		Course	A 5 Day Certification Course for PMP Exam Preparation	Wisma IEM	Mr. Peter James Gilliland	cancelled
27-30 November	Activities	PUJA	Conference	CAFEO 29 on Sustainable Urbanization Engineering Challenges and Opportunities	The Rizqun International Hotel Bandar Seri Begawan, Brunei	Various Paper Presenters	520
27-30 November	Activities	PUJA	Tour and Gathering	CAFEO 29 on Sustainable Urbanisation Engineering Challenges and Opportunities	The Rizqun International Hotel Bandar Seri Begawan, Brunei	Delegation from Malaysia	80
1 December	Geotechnical		Talk	Talk on Landslide Risk and Hazard Assessment	Wisma IEM	Ir. Dr Low Tian Huat	73
2 December	PPC	Sub Comm on Engrg Contracts	Seminar	A Half Day Seminar on IEM Conditions of Contract for Civil Engineering Works	IEM Penang Branch	Ir. Oon Chee Kheng	
3 December	Electrical		Talk	Talk on Theory and Calculation of Fault Current Using Commercial Software	Wisma IEM	Ir. Lee Chong Kiow	60
3 December	Project Management		Visit	Technical Visit to Kencana HL Fabrication Yard	Lumut, Perak	-	15



EVENT	ORGANISED BY/ SUPPORTED	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
3 December	Mechanical		Talk	Talk on Power Generation Technology	Wisma IEM	Ir. Fam Yew Hin	45
5 & 6 December	Chemical		Course	2 Day Course on Quality Improvement Via Statistical Process Control	Wisma IEM	Engr. Dr Lam Hon Loong	cancelled
6 December	YES		Workshop	1 Day Workshop on Electrical Protection System	Wisma IEM	En. Dahari bin Mat Siran	43
6 & 7 December	Civil & Struct		Symposium	1 Day Symposium & 1 Day Workshop on Earthquake Engineering in Malaysia and Asia Pacific Region	Hotel Armada PJ	Various Presenters	110
7-8 December	Project Management		Course	2 Day Course on "Contract Management for Construction Projects"	Wisma IEM	Ir. Lai Sze Ching	76
8 December	Engrg Education		Talk	Talk on Educating Malaysian Engineers on Triz Approach Towards Eco- Efficient Product Design	Wisma IEM	Mr. Issac Lim Sing Sheng	6
8 December	Mechanical		Talk	Talk on 25 Years in Machine Design	Wisma IEM	Ir. Hsiung Teck Pin	50
9 December	Civil & Struct	I Struct E	Talk	Talk on Current Trends and Influences in Structural Steelwork in the UK	Wisma IEM	Prof. Roger Plank	80
10 December	Agri & Food		Visit	Technical Visit to Royal Selangor Pewter	K. Lumpur	-	10
9-10 December	Project Management		Course	A 5 Day Certification Course for PMP Exam Preparation	Wisma IEM	Mr. Peter James Gilliland	cancelled
13-14 December	YES		Course	Two Day Course on Basic Project Management for Young Engineers	Wisma IEM	Ir. Noor Iziddin Abdullah bin Hj. Ghazali	54
14 December	Civil & Struct	DSM, SIRIM	Seminar	One Day Seminar on Adopting Eurocode for Structural Steel Design (EC3) in Malaysia	Hotel Armada, P. Jaya	Various Presenters	50
14 December	Engrg Education		Talk	Talk on Outcome Based Education: A Benchmarking Experience	Wisma IEM	Engr. Megat Syahirul Amin bin Megat Ali	cancelled
16 December	Project Management		Visit	Technical Visit to TNB - ICT Network Operation Centre (NOC)	K. Lumpur	-	19
17 December	Agri & Food		Talk	Talk on "Edible Bird's Nest Production and Preservation"	Wisma IEM	Ir. Dr Law Chung Lim	44
17 December	Project Management		Talk	Talk on "Gumusut-Kakap Project"	Wisma IEM	Mr. Milan Hendrikse	57
17 December	Tunnelling		Talk	Talk on Modern Lining Design of Segmental Tunnels	Wisma IEM	Dr Ing. Ralf Winterberg	50
19 December	Chemical		Course	One Day Course on Process Integration for Waste Minimisation and Production Carbon Footprint Reduction	Wisma IEM	Ir. Prof. Dr Dominic C Y Foo	11
20 December	Project Management		Talk	Talk on "Management of Knowledge in Project Environments"	Wisma IEM	Dr Tan Hai Chen	32
20 December	Tunnelling		Talk	Talk on Pipeline Rehabilitation - An Overview	Wisma IEM	Mr. Khoo Kim Poh	32
22 December	Agri & Food		Talk	Talk on Hydraulics and Automation in Palm Oil Mills and in Other Industries	Wisma IEM	Mr. Gregory L Foster	30
23 December	Mechanical		Talk	Talk on Design for Poverty	Wisma IEM	Ir. Dr Tan Chee Fai	30



HONORARY TREASURER'S REPORT

1. The 2011 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. Continuing with the change in presentation made in 2010, the fiscal Statement of Accounts and Balance Sheet for 2011 incorporates the performance of IEM Training Centre Sdn Bhd.
2. The total income for year 2011 is RM6,146,772 (including RM125,677 – net income from Institutional services) which is RM1,396,908 more than that of year 2010 due mainly to the recognition of the grant received from MIDA for the Outreach Programme as well as Upgrading of IT Infrastructure amounting to RM1,236,050. On the operations side, there is increased income from membership, dividend received from IEM Training Centre Sdn Bhd and bad debt recovered from rental in arrears collected from the previous tenant of Wisma IEM.

The main sources of income were annual subscriptions amounting to RM2,847,307, rental RM1,240,322, dividend from IEM Training Centre Sdn Bhd RM120,000, income from credit cards RM112,508, and income from Technical Divisions' activities amounting to RM372,041. IEM also received the balance 50% of the grant from MIDA after completion of both the Outreach Programme for Export of Engineering Services and Upgrading of IT Infrastructure.

3. The total expenditure of the Institution was RM5,636,670, which was RM1,366,512 more than that of year 2010. This increase is largely due to the recognition of expenditure for the outreach programme and upgrading of IT infrastructure. The main operating expenditure items were personnel emoluments RM1,875,616, administrative expenses RM833,933, maintenance of Bangunan Ingenieur (including utilities) RM183,021, repairs and maintenance of Wisma IEM RM83,163, term loan interest RM615,887 and Branch Subsidies RM230,840.
4. The consolidated figures of IEM and IEM Training Centre Sdn Bhd are as per the figures in the Group columns.
5. The Institution, like other similar organisations, has been continually confronted with rising operational costs. Every effort is made to control the increase of expenditure through more effective financial control measures without impairing the services provided to all grades of membership.
6. In the meanwhile, the Institution through its many institutional services, are also working hard to generate much needed revenue from various paid activities such as seminars, courses, workshops, talks, conferences and also exhibitions. Income generated from these activities will go toward the building fund and also to alleviate the burden in operational costs of running the Institution.

Ir. Prof. Dr Jeffrey Chiang Choong Luin
Honorary Treasurer

HONORARY INTERNAL AUDITOR'S REPORT

I have examined the Balance Sheet as at 31 December 2011, the Income and Expenditure Account together with Notes on the Accounts set out on pages 141 to 156, 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 the date.

Ir. Prof. Dr Siti Hawa bt. Hamzah
Honorary Internal Auditor

Ir. Awangku Hidup bin Awangku Hosain
Honorary Internal Auditor



BALANCE SHEETS AS AT 31 DECEMBER 2011

	Note	Group		Institution	
		2011 RM	2010 RM	2011 RM	2010 RM
Property, plant and equipment	2	16,006,024	16,091,603	15,870,531	15,947,030
Investment in a subsidiary	3	-	-	100,002	100,002
Current assets					
Receivables, deposits and prepayments	4	925,160	2,132,945	642,672	1,485,677
Amount due from a subsidiary	5	-	-	107	107
Subscription in arrears		841,061	593,863	841,061	593,863
Tax recoverable		85,805	43,048	81,898	43,048
Cash and cash equivalents	6	4,680,130	3,169,094	3,636,317	2,746,032
		6,532,156	5,938,950	5,202,055	4,868,727
Current liabilities					
Payables and accruals	7	3,146,582	3,581,607	2,976,857	3,470,061
Subscription in advance		172,102	135,628	172,102	135,628
Borrowings	13	452,172	469,772	452,172	469,772
Tax payable		-	16,728	-	-
		3,770,856	4,203,735	3,601,131	4,075,461
Net current assets		2,761,300	1,735,215	1,600,924	793,266
		18,767,324	17,826,818	17,571,457	16,840,298
Financed by: Capital and reserves					
Accumulated fund	8	5,148,825	4,429,376	3,952,958	3,442,856
Capital reserve fund	9	967,229	952,625	967,229	952,625
Capital contribution reserve	10	2,041,355	1,836,095	2,041,355	1,836,095
Library fund	11	506,511	484,011	506,511	484,011
Building fund	12	1,837,782	1,425,791	1,837,782	1,425,791
		10,501,702	9,127,898	9,305,835	8,141,378
Long term liability					
Borrowings	13	8,265,622	8,698,920	8,265,622	8,698,920
		18,767,324	17,826,818	17,571,457	16,840,298

STATEMENT OF INCOME AND EXPENDITURE FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2011

	Note	Group		Institution	
		2011 RM	2010 RM	2011 RM	2010 RM
Income					
Members' subscription fees		2,847,307	2,632,486	2,847,307	2,632,486
Seminar and conference income		20,744	1,827	20,744	1,827
Sales of publications		3,910	5,355	3,910	5,355
Rental income		1,221,122	1,214,971	1,240,322	1,234,171
Interest income		51,161	23,636	51,161	23,636
Subscriptions recovered		23,955	26,125	23,955	26,125
Membership reinstatement fees		12,550	21,030	12,550	21,030
Bad debts recovered		214,092	-	214,092	-
Dividend		-	-	120,002	100,000
Miscellaneous income					
- Credit cards commission		112,508	116,193	112,508	116,193



STATEMENT OF INCOME AND EXPENDITURE FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2011

(continued)

	Note	Group		Institution	
		2011 RM	2010 RM	2011 RM	2010 RM
- Arbitration processing fees		2,000	500	2,000	500
- Arbitration levy		14,197	43,443	14,197	43,443
- Others		137,286	126,960	122,297	124,177
- Grant		1,236,050	103,892	1,236,050	103,892
		5,896,882	4,316,418	6,021,095	4,432,835
Less: Expenditure					
Personnel emoluments and benefits	14	(2,161,014)	(1,923,315)	(1,875,616)	(1,680,768)
Administrative expenses	15	(854,234)	(778,085)	(833,993)	(752,295)
Branch subsidies	16	(230,840)	(260,466)	(230,840)	(260,466)
Inter-society activities	17	(10,799)	(10,806)	(10,799)	(10,806)
Bangunan Ingenieur	18	(183,021)	(201,858)	(183,021)	(201,858)
Wisma IEM	19	(83,163)	(56,610)	(83,163)	(56,610)
SSCDF IT program		(915,784)	-	(915,784)	-
Subscription in arrears written off		(444,933)	(267,455)	(444,933)	(267,455)
Depreciation of property, plant and equipment		(457,174)	(426,973)	(442,634)	(413,824)
Finance costs		(615,887)	(626,076)	(615,887)	(626,076)
		(5,956,849)	(4,551,644)	(5,636,670)	(4,270,158)
Surplus from institutional services	20	<u>877,667</u>	<u>1,269,110</u>	<u>125,677</u>	<u>317,029</u>
Surplus/(Deficit) before taxation		<u>817,700</u>	<u>1,033,884</u>	<u>510,102</u>	<u>479,706</u>
Tax expense	21	(98,251)	(130,482)	-	-
Surplus/(Deficit) for the year		719,449	903,402	510,102	479,706
Other contributions received					
Capital reserve fund					
Contribution from branches	9	14,604	383,029	14,604	383,029
Library fund					
Enrollment fees and donation received	11	22,500	45,720	22,500	45,720
Building fund					
Donation received	12	411,991	371,911	411,991	371,911
		449,095	800,660	449,095	800,660
Total surplus and other contributions received for the year		1,168,544	1,704,062	959,197	1,280,366

STATEMENT OF RECOGNISED GAINS AND LOSSES FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2011

Total surplus and other contributions received for the year	1,168,544	1,704,062	959,197	1,280,366
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STATEMENTS OF CASH FLOW FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2011

Cash flows from operating activities

Total surplus and other contributions received	1,168,544	1,704,062	959,197	1,280,366
Tax expense	98,251	130,482	-	-
Total surplus and other contributions received before tax	1,266,795	1,834,544	959,197	1,280,366



	Group		Institution	
	2011 RM	2010 RM	2011 RM	2010 RM
Adjustments for:				
Depreciation of property, plant and equipment	457,174	426,973	442,634	413,824
Finance costs	615,887	626,076	615,887	626,076
Interest income	(51,161)	(23,636)	(51,161)	(23,636)
Operating surplus before changes in working capital	2,288,695	2,863,957	1,966,557	2,296,630
Changes in working capital:				
Decrease/(Increase) in other receivables, deposit and prepayments	1,207,785	(1,033,284)	843,005	(608,087)
Increase in subscription in arrears	(247,198)	(162,187)	(247,198)	(162,187)
Decrease in payables and accruals	(435,025)	(137,719)	(493,204)	(152,779)
Increase in subscription in advance	36,474	2,346	36,474	2,346
Cash generated from operations	2,850,731	1,533,113	2,105,634	1,375,923
Income taxes paid	(157,736)	(175,553)	(38,850)	(28,470)
Interest paid	(615,887)	(626,076)	(615,887)	(626,076)
Net cash generated from operating activities	2,077,108	731,484	1,450,897	721,377
Cash flows from investing activities				
Interest received	51,161	23,636	51,161	23,636
Purchase of property, plant and equipment	(371,595)	(774,702)	(366,135)	(712,436)
Entrance and transfer fees capitalised	205,260	227,760	205,260	227,760
Net cash used in investing activities	(115,174)	(523,306)	(109,714)	(461,040)
Cash flows from financing activities				
Repayment of borrowings	(450,898)	(1,843,221)	(450,898)	(1,843,221)
Net cash used in financing activities	(450,898)	(1,843,221)	(450,898)	(1,843,221)
Net increase/(decrease) in cash and bank balances	1,511,036	(1,635,043)	890,285	(1,582,884)
Cash and bank balances at beginning of year	3,169,094	4,804,137	2,746,032	4,328,916
Cash and bank balances at end of year	4,680,130	3,169,094	3,636,317	2,746,032
Cash and bank balances comprise:				
Deposit with licensed banks	3,734,316	1,947,000	2,977,031	1,696,655
Cash and bank balances	1,100,107	1,393,748	813,579	1,221,031
Less: Bank balances held in trust	(154,293)	(171,654)	(154,293)	(171,654)
	4,680,130	3,169,094	3,636,317	2,746,032



NOTES TO THE FINANCIAL STATEMENTS AT 31 DECEMBER 2011

1. Summary of significant accounting policies

The following accounting policies are adopted by the Institution and are consistent with those adopted in previous years.

(a) Basis of measurement

The financial statements of The Institution of Engineers, Malaysia (hereinafter referred to as the "Institution"), are prepared on the historical cost basis and in accordance with approved accounting standards and the constitution and by-laws of the Institution.

The financial statements of the Group include the assets, liabilities, income and expenditure of the Institution and its subsidiary. The financial statements of the Group are prepared on the historical cost basis and in accordance with approved accounting standards and the constitution and by-laws of the Institution.

(b) Basis of consolidation

(i) Subsidiary

A subsidiary is an entity controlled by the Group. Control exists when the Group has the ability to exercise its power to govern the financial and operating policies of an entity so as to obtain benefits from its activities. In assessing control, potential voting rights that presently are exercisable are taken into account. The subsidiary is consolidated using the purchase method of accounting. Under the purchase method of accounting, the financial statement of subsidiary is included in the consolidated financial statements from the date that control commences until the date that control ceases.

Investment in subsidiary is stated in the Institution's balance sheet at cost less any impairment losses.

(ii) Transactions eliminated on consolidation

Intra-group balances and transactions, and any unrealised income and expenses arising from intra-group transactions, are eliminated in preparing the Group financial statements.

(c) Property, plant and equipment

Freehold land is stated at cost less any accumulated impairment loss and is not depreciated. All other property, plant and equipment are stated at cost less accumulated depreciation and any accumulated impairment losses.

Property, plant and equipment retired from active use and held for disposal are stated at the lower of net book value and net realisable value.

Freehold land is not depreciated. Leasehold land and buildings are depreciated over the shorter of the lease term and their useful lives, unless it is reasonable that the Institution will obtain the ownership by end of the lease term. The straight-line method is used to depreciate the cost of the assets over the term of their estimated useful lives at the following principal annual rates:

Freehold	2%
Leasehold land and buildings	2%
Furniture and fittings	5% - 20%
Office equipments	10% - 20%
Library books	10%
Building renovation	5%
Lift	10%

(d) Receivables

Receivables are initially recognised at their cost when the contractual right to receive cash or another financial asset from another entity is established.

Subsequent to initial recognition, receivables are stated at cost less allowance for doubtful debts.

Receivables are not held for the purpose of trading.

(e) Subscription in arrears

Subscription in arrears of one year and more and where, in the opinion of the Council, are no longer recoverable from its members are written off to the statement of income and expenditure.



(f) **Cash and bank balances**

Cash and bank balances consist of cash on hand and balances and deposits with licensed banks which have an insignificant risk of changes in value, net of bank balances held in trust.

(g) **Payables**

Payables are measured initially and subsequently at cost. Payables are recognised when there is a contractual obligation to deliver cash or another financial asset to another entity.

(h) **Loans and borrowings**

Loans and borrowings are stated at amortised cost with any difference between the cost and redemption value being recognised in the statement of income and expenditure over the period of the loans and borrowings using the effective interest method.

(i) **Taxation**

Tax on surplus or deficit for the year comprises current and deferred tax. Income tax is recognised in the statement of income and expenditure.

Current tax expense is the expected tax payable on the taxable income for the year, using tax rates enacted or substantively enacted at the balance sheet date, and any adjustment to tax payable in respect of previous years.

Deferred tax is provided, using the liability method, on temporary differences arising between the tax bases of assets and liabilities and their carrying amounts in the financial statements. Temporary differences are not recognised for goodwill nor deductible for tax purposes and the initial recognition of assets or liabilities that at the time of the transaction affects neither accounting nor taxable profit. The amount of deferred tax provided is based on the expected manner of realisation or settlement of the carrying amount of assets and liabilities, using the rates enacted or substantively enacted at the balance sheet date.

Deferred tax liability is recognised for any taxable temporary differences. A deferred tax asset is recognised only to the extent that it is probable that future taxable profits will be available against which temporary differences can be utilised.

(j) **Capital reserve fund**

Fund raised from members for the purchase of property, plant and equipment are capitalised as Capital Reserve Fund.

(k) **Capital contribution reserve**

Entrance and transfer fees received from members are capitalised as Capital Contribution Reserve in accordance with the constitution and by-laws of the Institution.

(l) **Library fund**

Enrolment fee received from corporate member 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.

(m) **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.

(n) **Income recognition**

(i) **Member's subscription fee**

Member's subscription fee is payable annually at the beginning of the financial year. Only that subscription which is attributable to the current financial year is recognised as income. Subscription relating to periods beyond the current financial year is taken up in the Balance Sheet as subscription in advance under Current Liabilities. Subscription is payable in full irrespective of the date of resignation of members during the financial year.

(ii) **Advertisement in Buletin/Journal**

Advertisement income receivable for the placement of advertisement in bulletin/journal published by the Institution is recognised when the right to receive payment is established.



(iii) **Rental income**

Rental income is recognised when the right to receive payment is established.

(iv) **Credit cards commission**

Credit cards commission from the banks are recognised when the right to receive payment is established.

(v) **Interest income**

Interest income is recognised in the statement of income and expenditure as it accrues, taking into account the effective yield on the asset.

(vi) **Dividend income**

Dividend income is recognised when the right to received payment is established.

(o) **Interest expense**

All interest expenses is recognised in the statement of income and expenditure as it accrues, using effective interest method.

(p) **Impairment of assets**

The carrying amounts of assets are reviewed at each reporting date to determine whether there is any indication of impairment. If any such indication exists, then the asset's recoverable amount is estimated.

The recoverable amount of an asset or cash-generating unit is the greater of its value in use and its fair value less costs to sell. 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 assessment of the time value of money and the risks specific to the asset. For the purpose of impairment testing, assets are grouped together into smaller group of assets that generates cash inflows of other assets or groups of assets (the "cash-generating unit").

An impairment loss is recognised if the carrying amount of an asset or its cash-generating unit exceeds its recoverable amount. Impairment losses are recognised in the statement of income and expenditure. Impairment losses recognised in respect of cash-generating units are allocated first to reduce the carrying amount of any goodwill allocated to the units and then to reduce the carrying amount of the other assets in the unit (groups of units) on a pro rata basis.

Impairment losses recognised in prior periods are assessed at each reporting date for any indications that the loss has decreased or no longer exists. An impairment loss has reversed if there has been a change in the estimates used to determine the recoverable amount. An impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortisation, if no impairment loss had been recognised. Reversals of impairment losses are credited to the statement of income and expenditure in the year in which the reversals are recognised.

(q) **Employee benefits**

Short term employee benefits

Short term employee benefit obligations in respect of salaries, annual bonuses, paid annual leave and sick leave are measured on an undiscounted basis and are expensed as the related service is provided.

A provision is recognised for the amount expected to be paid under short-term cash bonus or profit-sharing plans if the Group has a present legal or constructive obligation to pay this amount as a result of past service provided by the employee and the obligation can be estimated reliably.

The Group's contribution to statutory pension funds are charged to the statement of income and expenditure in the year to which they relate. Once the contributions have been paid, the Group has no further payment obligations.



2. Property, plant and equipment

	Freehold land RM	Freehold building RM	Leasehold land and building RM	Furniture and fittings RM	Office equipment RM	Library books RM	Building renovation RM	Lift RM	Total RM
Goup 2011 Cost									
At 1 January	330,279	660,557	15,565,746	283,769	1,674,193	318,996	860,783	-	19,694,323
Additions	-	-	-	750	62,700	975	75,520	231,650	371,595
At 31 December	330,279	660,557	15,565,746	284,519	1,736,893	319,971	936,303	231,650	20,065,918
Depreciation									
At 1 January	-	102,789	1,344,526	199,677	1,299,000	317,075	339,653	-	3,602,720
Charge for the financial year	-	13,211	302,603	6,537	76,436	1,525	33,697	23,165	457,174
At 31 December	-	116,000	1,647,129	206,214	1,375,436	318,600	373,350	23,165	4,059,894
Net book value									
At 31 December	330,279	544,557	13,918,617	78,305	361,457	1,371	562,953	208,485	16,006,024

	Freehold land RM	Freehold building RM	Leasehold land and building RM	Furniture and fittings RM	Office equipment RM	Library books RM	Building renovation RM	Total RM
Goup 2010 Cost								
At 1 January	234,279	468,557	15,285,746	273,229	1,528,932	318,996	750,918	18,860,657
Additions	96,000	192,000	280,000	7,741	89,096	-	109,865	774,702
At 31 December	330,279	660,557	15,565,746	280,970	1,618,028	318,996	860,783	19,635,359
Depreciation								
At 1 January	-	89,578	1,041,923	190,528	1,170,774	314,248	309,732	3,116,783
Charge for the financial year	-	13,211	302,603	6,348	72,063	2,827	29,921	426,973
At 31 December	-	102,789	1,344,526	196,876	1,242,837	317,075	339,653	3,543,756
Net book value								
At 31 December	330,279	557,768	14,221,220	84,094	375,191	1,921	521,130	16,091,603

	Freehold land RM	Freehold building RM	Leasehold land and building RM	Furniture and fittings RM	Office equipment RM	Library books RM	Building renovation RM	Lift RM	Total RM
Institution 2011 Cost									
At 1 January	330,279	660,557	15,565,746	275,523	1,518,926	318,996	817,012	-	19,487,039
Additions	-	-	-	750	57,240	975	75,520	231,650	366,135
At 31 December	330,279	660,557	15,565,746	276,273	1,576,166	319,971	892,532	231,650	19,853,174
Depreciation									
At 1 January	-	102,789	1,344,526	195,595	1,240,371	317,075	339,653	-	3,540,009
Charge for the financial year	-	13,211	302,603	5,712	62,721	1,525	33,697	23,165	442,634
At 31 December	-	116,000	1,647,129	201,307	1,303,092	318,600	373,350	23,165	3,982,643
Net book value									
At 31 December	330,279	544,557	13,918,617	74,966	273,074	1,371	519,182	208,485	15,870,531



2. **Property, plant and equipment** (continued)

	Freehold land RM	Freehold building RM	Leasehold land and building RM	Furniture and fittings RM	Office equipment RM	Library books RM	Building renovation RM	Total RM
Institution 2010 Cost								
At 1 January	234,279	468,557	15,285,746	265,879	1,435,035	318,996	707,147	18,715,639
Additions	96,000	192,000	280,000	6,845	27,726	-	109,865	712,436
At 31 December	330,279	660,557	15,565,746	272,724	1,462,761	318,996	817,012	19,428,075
Depreciation								
At 1 January	-	89,578	1,041,923	187,120	1,124,620	314,248	309,732	3,067,221
Charge for the financial year	-	13,211	302,603	5,674	59,588	2,827	29,921	413,824
At 31 December	-	102,789	1,344,526	192,794	1,184,208	317,075	339,653	3,481,045
Net book value								
At 31 December	330,279	557,768	14,221,220	79,930	278,553	1,921	477,359	15,947,030

As at 31 December 2011, the document of title in respect of properties with an aggregate net book value of RM594,684 (2010: RM598,219) have yet to be issued by the authorities.

Included in leasehold land and buildings are assets with a total net book value of RM13,065,957 (2010: RM13,350,768) which have been pledged to licensed banks as security for term loan facilities granted to the Institution as disclosed in Note 13 to the financial statements.

3. **Investment in a subsidiary**

	Institution	
	2011 RM	2010 RM
Unquoted shares, at cost	100,002	100,002

Details of investment in a subsidiary are as follows:

Name of subsidiary	Principal Activities	Country of Incorporation	Effective ownership interest	
			2011 %	2010 %
IEM Training Centre Sdn. Bhd.*	Organising, conferences, Seminars and trainings	Malaysia	100	100

* Not audited by PKF

4. **Receivables, deposits and prepayments**

Receivables are unsecured, interest free and are repayable on demand.

5. **Amount due from a subsidiary**

The amount due from a subsidiary is non-trade in nature, unsecured, interest free and is repayable on demand.



6. Cash and cash equivalents

	Group		Institution	
	2011 RM	2010 RM	2011 RM	2010 RM
Deposits with licensed banks	3,734,316	1,947,000	2,977,031	1,696,655
Cash and bank balances	1,100,107	1,393,748	813,579	1,221,031
	<u>4,834,423</u>	<u>3,340,748</u>	<u>3,790,610</u>	<u>2,917,686</u>
Less: Bank balances held in trust	(154,293)	(171,654)	(154,293)	(171,654)
	4,680,130	3,169,094	3,636,317	2,746,032

Included in cash and bank balances of the Institution are RM83,878 (2010: RM152,636) held as deposits for arbitration cases

7. Payables and accruals

	Group		Institution	
	2011 RM	2010 RM	2011 RM	2010 RM
Other payables	692,081	1,107,972	522,356	996,426
Deposits refundable	860,365	873,264	860,365	873,264
Amount due to IEM Education Fund	1,594,136	1,600,371	1,594,136	1,600,371
	<u>3,146,582</u>	<u>3,581,607</u>	<u>2,976,857</u>	<u>3,470,061</u>

The amounts due to IEM Education Fund are unsecured, interest free and are repayable on demand.

8. Accumulated fund

	Group		Institution	
	2011 RM	2010 RM	2011 RM	2010 RM
Opening balance	4,429,376	3,525,974	3,442,856	2,963,150
Surplus for the year	1,168,544	1,704,062	959,197	1,280,366
	<u>5,597,920</u>	<u>5,230,036</u>	<u>4,402,053</u>	<u>4,243,516</u>
Transfer to:				
- Capital reserve fund	9 (14,604)	(383,029)	(14,604)	(383,029)
- Library fund	11 (22,500)	(45,720)	(22,500)	(45,720)
- Building fund	12 (411,991)	(371,911)	(411,991)	(371,911)
	5,148,825	4,429,376	3,952,958	3,442,856

9. Capital reserve fund

	Note	Group and Institution	
		2011 RM	2010 RM
Opening balance		952,625	569,596
Transfer from Accumulated fund	8	14,604	383,029
		<u>967,229</u>	<u>952,625</u>

10. Capital contribution reserve

	Note	Group and Institution	
		2011 RM	2010 RM
Opening balance		1,836,095	1,608,335
Entrance and transfer fees		205,260	227,760
		<u>2,041,355</u>	<u>1,836,095</u>



11. Library Fund

	Note	Group and Institution 2011 RM	2010 RM
Opening balance		484,011	438,291
Transfer from Accumulated fund	8	22,500	45,720
		506,511	484,011

12. Building Fund

	Note	Group and Institution 2011 RM	2010 RM
Opening balance		1,425,791	1,053,880
Transfer from Accumulated fund	8	411,991	371,911
		1,837,782	1,425,791

13. Borrowings

	Note	Group and Institution 2011 RM	2010 RM
Current			
Term loan-secured		452,172	469,772
Non-current			
Term loan-secured		8,265,622	8,698,920
		8,717,794	9,168,692
Repayable within one year		452,172	469,772
Repayable between one to two years		452,172	452,172
Repayable between two to five years		1,356,516	1,356,516
Repayable more than five years		6,456,934	6,890,232
		8,265,622	8,698,920
Total borrowings		8,717,794	9,168,692

Details of the repayment terms are as follows:-

Term loan	Monthly installment RM	Number of monthly installment	Date of commencement of repayment	2011 Amount outstanding RM	2010 Amount outstanding RM
1	1,217	240	January 2010	190,575	195,135
2	86,534	180	January 2008	8,527,219	8,973,557
				8,717,794	9,168,692

Security

The term loans were secured via fixed charges over leasehold lands and buildings as mentioned in Note 2 to the financial statements.

The term loans are subject to interest rates ranging from Base Lending Rate ("BLR") -1.5% to BLR + 1% per annum (2010: BLR -2.5% to BLR+0.25% per annum).

At the balance sheet date, the BLR stood at 6.60% (2010: 6.30%) per annum.



14. Personnel emoluments and benefits

	Group		Institution	
	2011 RM	2010 RM	2011 RM	2010 RM
These represent expenses incurred in relation to:				
Salaries and wages	(1,562,392)	(1,393,397)	(1,324,368)	(1,228,815)
Staff allowance and ex-gratia	(192,150)	(203,399)	(192,150)	(152,526)
Overtime	(60,873)	(58,307)	(60,873)	(58,253)
EPF and SOCSO contributions	(248,109)	(204,999)	(208,679)	(183,939)
Staff uniform	-	(2,405)	-	(2,405)
Medical expenses	(10,580)	(8,102)	(5,714)	(6,924)
Staff insurance	(5,710)	(7,638)	(5,710)	(7,638)
Staff training	(3,649)	(2,068)	(3,459)	(2,068)
Long service award	(4,750)	(11,000)	(4,750)	(11,000)
Gratuity payment	-	(27,200)	-	(27,200)
Staff trip	(72,801)	-	(69,913)	-
Director's fees		(4,800)		
	(2,161,014)	(1,923,315)	(1,875,616)	(1,680,768)

15. Administrative expenses

	Group		Institution	
	2011 RM	2010 RM	2011 RM	2010 RM
These represent expenses incurred in relation to:				
Credit card charges	(14,619)	(17,014)	(14,619)	(17,014)
Advertisement	(3,958)	(1,572)	(3,958)	(1,572)
Insurance	(7,463)	(11,218)	(7,463)	(7,973)
Office expenses	(9,432)	(7,568)	(8,536)	(6,975)
Annual general meeting	(11,410)	(8,605)	(11,410)	(8,605)
Office printing dan stationery	(132,203)	(161,772)	(132,203)	(161,772)
Transport and traveling	(45,524)	(32,907)	(45,524)	(32,907)
Office equipment maintenance	(16,508)	(17,188)	(16,508)	(17,188)
Bank charges	(9,002)	(17,777)	(9,002)	(17,758)
Accountancy fee	(36,814)	(33,824)	(29,500)	(27,500)
Auditors' remuneration				
- current year	(30,240)	(28,816)	(26,000)	(24,000)
- under provision in prior year	(10,000)	-	(10,000)	-
Tax service fee	(2,215)	(6,654)	(2,215)	(6,654)
Balloting expenses	(9,152)	(7,321)	(9,152)	(7,321)
Mailing services	(30,299)	(30,295)	(30,299)	(30,295)
Telephone, fax and internet	(90,608)	(48,564)	(90,608)	(48,564)
Postages	(284,694)	(295,268)	(284,594)	(295,218)
Legal fees	(11,118)	(11,316)	(9,828)	(10,006)
Miscellaneous	(62,246)	(36,423)	(60,591)	(30,973)
Donation	(4,264)	-	(3,864)	-
Water and electricity	(4,346)	(3,983)	-	-
Bad debts written off	(28,119)	-	(28,119)	-
	(854,234)	(778,085)	(833,993)	(752,295)



16. Branch subsidies

	Group and Institution	
	2011 RM	2010 RM
These represent subsidies given to the following branches:		
Negeri Sembilan branch	(9,690)	(9,326)
Penang branch	(26,170)	(26,760)
Southern branch	(36,720)	(36,136)
Eastern branch	(23,960)	(12,698)
Perak branch	(25,290)	(25,748)
Malacca branch	(8,070)	(7,364)
Sarawak branch	(59,630)	(58,638)
Sabah branch	(43,400)	(41,854)
Miri branch	(13,340)	(17,064)
Kedah/Perlis branch	(17,430)	(17,168)
Terengganu branch	(7,250)	(7,710)
Pahang branch	(7,810)	-
	(230,840)	(260,466)

These regional branches are registered with Registrar of Societies, and file their annual return including the audited financial statements separately to the Register of Societies.

17. Inter-society activities

	Group and Institution	
	2011 RM	2010 RM
These represent subscriptions incurred in relation to:		
Malaysian Structural Steel Association (MSSA)	(1,000)	(788)
Balai Ikhtisas Malaysia (BIM)	-	(1,500)
World Federation of Engineering Organisations (WFEO)	(2,360)	(2,601)
ASEAN Federation of Engineering Organisations (AFEO)	(606)	(646)
Federation of Engineering Institutions of Islamic Countries (FEIIC)	(3,010)	-
Confederation of Scientific and Technological Association Malaysia (COSTAM)	(200)	-
Federation of Engineering Institutions of Asia and the Pacific (FEIAP)	(2,373)	(2,571)
Building Management Association of Malaysia (BMAM)	(500)	(1,500)
Malaysia Green Building Confederation (MGBC)	(200)	(700)
Malaysia Service Providers Confederation (MSPC)	-	(500)
Energy Council of Malaysia (ECOM)	-	-
Construction Research Institute of Malaysia (CREAM)	(50)	-
SIRIM	(500)	-
	(10,799)	(10,806)

18. Bangunan Ingenieur

	Group and Institution	
	2011 RM	2010 RM
These represent expenses incurred in relation to:		
License fee	(500)	-
Quit rent and assessment	(16,217)	(16,217)
Insurance	(5,072)	(3,229)
Building repairs and maintenance	(75,645)	(84,635)
Utilities	(85,587)	(97,777)
	(183,021)	(201,858)



19. Wisma IEM

	Note	Group		Institution	
		2011 RM	2010 RM	2011 RM	2010 RM
These represent (expenses)/surplus incurred in relation to:					
License fee				(430)	-
Quit rent and assessment				(31,541)	(31,521)
Insurance				(9,214)	(11,950)
Building repairs and maintenance				(41,978)	(29,182)
Utilities				-	16,043
				(83,163)	(56,610)

20. Surplus from institutional services

	Note	Group		Institution	
		2011 RM	2010 RM	2011 RM	2010 RM
These represent surplus/(deficit) from the following:					
Council		(7,593)	(8,054)	(7,593)	(8,054)
Executive Committee		(8,309)	(8,925)	(8,309)	(8,925)
Standing Committee on:					
- Activities	22	65,312	(9,922)	65,312	(9,922)
- Qualifications and Admissions	23	(31,154)	(27,332)	(31,154)	(27,332)
- Examinations and Training	24	(131,225)	(58,689)	(124,725)	(58,689)
- Finance		(4,725)	(6,348)	(4,725)	(6,348)
- Professional Practice		(8,348)	(7,006)	(8,348)	(7,006)
- Information and Publications	25	42,234	45,324	42,234	45,324
- Welfare and Service Matters	26	(50,134)	25,125	(48,995)	25,125
- Corporate affairs	27	(107,152)	(38,434)	(107,152)	(38,434)
Technical Divisions	28	372,041	435,987	372,041	435,987
Library Committee		(59,627)	(15,838)	(59,627)	(15,838)
Young Engineers Section	29	52,616	21,268	52,616	21,268
Awards Committee		(5,898)	(30,127)	(5,898)	(30,127)
IEM Training Centre	30	759,629	952,081	-	-
		877,667	1,269,110	125,677	317,029

21. Tax expense

	Note	Group		Institution	
		2011 RM	2010 RM	2011 RM	2010 RM
Current tax expense					
- Current year		98,251	130,482	-	-

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

Surplus/(Deficit) before taxation	817,700	1,033,884	510,102	479,706
Income tax using Malaysian tax rate of 25%	204,425	258,471	127,526	119,927
Tax effect of non-taxable income	(106,174)	(127,989)	(127,526)	(119,927)
Tax expense	98,251	130,482	-	-



22. **Activities committee**

	Group and Institution	
	2011	2010
	RM	RM
These represent surplus/(deficit) from the following:		
Activities income	8,058	6,758
Annual dinner	84,414	1,280
Souvenir costs	(7,665)	1,300
Seminar/Courses/Carnival	(6,640)	(10,535)
Others	(2,503)	(3,158)
Federation of Engineering Institutions of Islamic Countries (FEIIC)	-	(20)
Conference of ASEAN Federation of Engineering Organisations (CAFEO)	(10,352)	(5,547)
	65,312	(9,922)

23. **Qualifications and Admissions committee**

	Group and Institution	
	2011	2010
	RM	RM
These represent surplus/(deficit) from the following:		
Evaluation of engineering degree programmes	(3,000)	16,000
Meeting	(944)	(1,653)
Printing/Circulars	(6,360)	(2,450)
Membership Application Form	(7,316)	(12,920)
Miscellaneous	(3,385)	(14,928)
Membership Drive	(10,149)	(11,381)
	(31,154)	(27,332)

24. **Examinations and Training committee**

	Group		Institution	
	2011	2010	2011	2010
	RM	RM	RM	RM
These represent surplus/(deficit) from the following:				
Professional interview fee	128,870	123,635	128,870	123,635
Income from examinations	41,525	3,460	41,525	3,460
CPD income	95,800	66,120	102,300	66,120
Forum/seminar	200	-	200	-
Professional interviewers' fee	(99,695)	(123,460)	(99,695)	(123,460)
Incidental examination expenses	(41,431)	(111)	(41,431)	(111)
CPD expenses	(14,421)	(1,000)	(14,421)	(1,000)
PI Workshop	1,360	(2,079)	1,360	(2,079)
SSCDF outreach training program	(236,050)	(103,892)	(236,050)	(103,892)
Other expenses	(7,383)	(21,362)	(7,383)	(21,362)
	(131,225)	(58,689)	(124,725)	(58,689)

25. **Information and Publications committee**

	Group and Institution	
	2011	2010
	RM	RM
These represent surplus/(deficit) from the following:		
Advertisements in bulletin	48,575	48,000
Meeting	(178)	(805)
Publication permit	(1,105)	(1,015)
Appreciation to referees	(2,998)	(856)
Others	(2,060)	-
	42,234	45,324



26. **Welfare and Service Matters committee**

	Group		Institution	
	2011 RM	2010 RM	2011 RM	2010 RM
These represent surplus/(deficit) from the following:				
- Benevolent Income	29,558	47,435	29,558	47,435
- Engineering Week	(23,801)	(847)	(23,801)	(847)
- Other income	8,487	18,373	9,626	18,373
- Meeting	(148)	(667)	(148)	(667)
- Prize for SPM/STPM achievers	(8,700)	(7,600)	(8,700)	(7,600)
- Forums/Talks/Courses	(3,617)	(44)	(3,617)	(44)
- IEM Family Day	(34,254)	(22,607)	(34,254)	(22,607)
- Women Engineers	(6,261)	(3,045)	(6,261)	(3,045)
- Jurutera Wargamas	(6,598)	(5,873)	(6,598)	(5,873)
- Survey	(4,800)	-	(4,800)	-
	(50,134)	25,125	(48,995)	25,125

27. **Corporate Affairs committee**

	Group and Institution	
	2011 RM	2010 RM
These represent deficit from the following:		
Overseas seminars and conference	(44,402)	(29,407)
Public relation	(8,617)	(859)
Overseas visitors	(5,783)	(1,872)
Local social functions	(9,180)	(2,800)
Others	(39,170)	(3,946)
	(107,152)	(38,434)

28. **Technical Divisions**

	Group and Institution	
	2011 RM	2010 RM
These represent surplus/(deficit) from the following:		
Geotechnical Engineering Technical Division	28,620	94,354
Chemical Engineering Technical Division	19,154	(14,990)
Project Management Technical Division	138,017	62,086
Building Services Engineering Technical Division	37,187	11,588
Mechanical Engineering Technical Division	20,481	28,289
Civil and Structural Engineering Technical Division	73,758	158,201
Electrical Engineering Technical Division	36,316	87,964
Water Resources Technical Division	(574)	22,341
Oil, Gas and Mining Engineering Technical Division	40,512	36,774
Manufacturing Engineering Technical Division	(1,262)	(476)
Environmental Engineering Technical Division	6,806	(521)
Highway and Transportation Engineering Technical Division	15,936	13,458
Engineering Education Technical Division	17,318	(892)
Information Technology Special Interest Group	(315)	(846)
Agricultural and Food Engineering Technical Division	(889)	14,178
Tunneling and Underground Space Engineering Technical Division	(2,699)	(1,954)
Electronic Engineering Technical Division	(10,240)	(200)
Marine Engineering and Naval Architecture Technical Division	3,508	-
Public Sector Engineers Special Interest Group	(565)	-
Consulting Engineers Special Interest Group	(1,273)	-
Technical Divisions – Incentive Account	(47,755)	(77,275)
	372,041	435,987



REPORT OF THE INDEPENDENT AUDITORS TO THE MEMBERS OF THE INSTITUTION OF ENGINEERS, MALAYSIA

REPORT ON THE FINANCIAL STATEMENTS

We have audited the accompanying financial statements of THE INSTITUTION OF ENGINEERS, MALAYSIA, excluding its branches' assets and liabilities and income and expenditure (hereafter referred to as "Institution"), which comprise the Balance Sheets as at 31 December 2011, the Statements of Income and Expenditure, Statements of Recognised Gain and Losses and Statements of Cash Flows of the Group and of the Institution for the financial year then ended, and a summary of significant accounting policies and other explanatory notes.

Council Responsibility for the Financial Statements

The Council of the Institution is responsible for the preparation and fair presentation of these financial statements in accordance with applicable approved accounting standards and the constitution and by-laws of the Institution. This responsibility includes: designing, implementing and maintaining internal controls relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error; selecting and applying appropriate accounting policies; and making accounting estimates that are reasonable in the circumstances.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with approved standards on auditing in Malaysia. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on our judgement, including the assessment of risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, we consider internal controls relevant to the Institution's preparation and fair presentation of the financial statements 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 controls. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the Council, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements are properly drawn up in accordance with applicable approved accounting standards and the constitution and by-laws of the Institution so as to give a true and fair view of the financial positions of the Group and of the Institution as of 31 December 2011 and of their financial performances and their cash flows for the financial year then ended.

OTHER MATTERS

This report is made solely to the members of the Institution, as a body, 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

Date: 20 March 2012



STATEMENT BY THE COUNCIL

In the opinion of the Council, the accompanying financial statements are prepared, in all material respects, in accordance with approved accounting standards and the constitution and by-laws of the Institution.

Signed on behalf of the Council:

Ir. Vincent Chen Kim Kieong
President

Ir. Prof. Dr Jeffrey Chiang Choong Luin
Honorary Treasurer

Petaling Jaya

**STATUTORY DECLARATION BY THE OFFICER PRIMARILY RESPONSIBLE FOR THE FINANCIAL
MANAGEMENT OF THE INSTITUTION**

I, **Ir. Prof. Dr Jeffrey Chiang Choong Luin**, 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 are correct, and I make this solemn declaration conscientiously believing the same to be true and by virtue of the provisions of the Statutory Declarations Act, 1960.

Subscribed and solemnly declared by)
the above named at Petaling Jaya in)
Selangor on 20 March 2012)

Ir. Prof. Dr Jeffrey Chiang Choong Luin

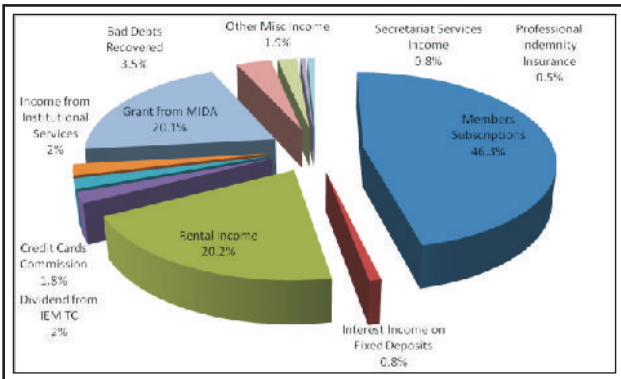
Before me,



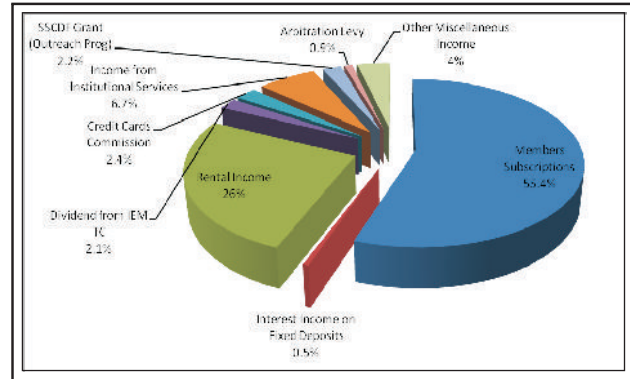
Alamat tempat perniagaan
No. 10A, Jalan 52/10
46200 Petaling Jaya, Selangor
Tel: 03-7960 1428
H/P: 016-9719 600



Income for the year 2011 Total Income RM6,146,772

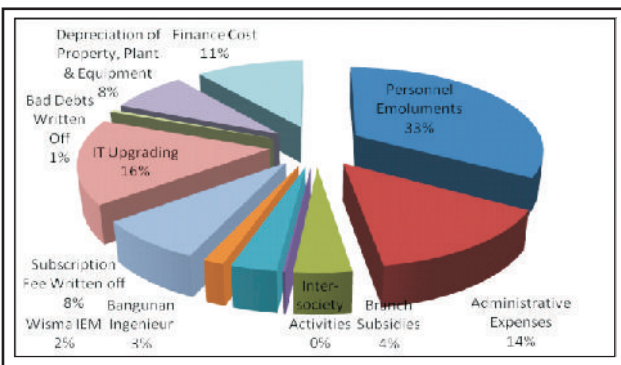


Income for the year 2010 Total Income RM4,749,864



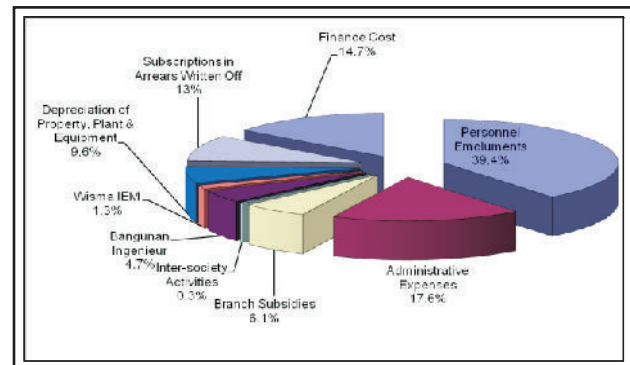
Members Subscriptions	2,847,307
Interest Income on Fixed Deposits	51,161
Rental Income	1,240,322
Seminar and Conference Income	20,744
Credit Cards Commission	112,508
Subscription Fees Recovered	23,955
Grant from MIDA	1,236,050
Bad Debts Recovered	214,092
Dividend from IEM TC	120,000
Institutional Services	125,677
Other Miscellaneous Income	154,956

Members Subscriptions	2,632,486
Interest Income on Fixed Deposits	23,636
Rental Income	1,234,171
Dividend from IEM TC	100,000
Credit Cards Commission	116,193
Income from Institutional Services	317,029
Subscription Fees Recovered	26,125
Arbitration Levy	43,443
SSCDF Grant	103,892
Other Miscellaneous Income	152,889



Expenses for the year 2010 Total Expenses RM5,636,670

Personnel Emoluments	1,875,616
Administrative Expenses	833,993
Branch Subsidies	230,840
Inter-society Activities	10,799
Bangunan Ingenieur	183,021
Wisma IEM	83,163
Subscription Fee Written off	444,933
Depreciation of Property, Plant & Equipment	442,634
Term Loan Interest	615,887
IT Upgrading	915,784



Expenses for the year 2010 Total Expenses RM4,270,158

Personnel Emoluments	1,680,768
Administrative Expenses	752,295
Branch Subsidies	260,466
Inter-society Activities	10,806
Bangunan Ingenieur	201,858
Wisma IEM	56,610
Subscription Fee Written off	267,455
Depreciation of Property, Plant & Equipment	413,824
Term Loan Interest	626,076



HONORARY INTERNAL AUDITOR'S REPORT

I have examined the Balance Sheet as at 31st December 2011, the Income and Expenditure Account together with Notes on the Accounts set out on pages 162 to 166, 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 (Education Fund) operations for the year ended on that date.

Ir. Prof. Dr Siti Hawa bt. Hamzah
Honorary Internal Auditor

Ir. Awangku Hidup bin Awangku Hosain
Honorary Internal Auditor

STATEMENT BY THE COUNCIL OF THE INSTITUTION OF ENGINEERS, MALAYSIA

in the opinion of the Council, the financial statements are prepared, in all material respects, in accordance with approved accounting standards and rules of The Institution of Engineers, Malaysia (Education Fund).

Signed on behalf of the Council,

Ir. Vincent Chen Kim Kieong
President

Ir. Prof. Dr Jeffrey Chiang Choong Luin
Honorary Treasurer

Petaling Jaya

STATUTORY DECLARATION BY THE OFFICER PRIMARILY RESPONSIBLE FOR THE FINANCIAL MANAGEMENT OF THE EDUCATION FUND

I, **Ir. Prof. Dr. Jeffrey Chiang Choong Luin**, the officer primarily responsible for the financial management of THE INSTITUTION OF ENGINEERS, MALAYSIA (EDUCATION FUND), do solemnly and sincerely declare that to the best of my knowledge and belief, the accompanying financial statements are 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 abovenamed in Petaling Jaya at)
Selangor on 20 March 2012)

Ir. Prof. Dr Jeffrey Chiang Choong Luin
Honorary Treasurer

Before me,



Alamat tempat perniagaan
No. 10A, Jalan 52/10
46200 Petaling Jaya, Selangor
Tel: 03-7960 7428
H/P: 016-9719 600

**INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF THE INSTITUTION OF ENGINEERS, MALAYSIA
(EDUCATION FUND)****REPORT ON THE FINANCIAL STATEMENTS**

We have audited the accompanying financial statements of THE INSTITUTION OF ENGINEERS, MALAYSIA (EDUCATION FUND), which comprise the Balance Sheet as at 31 December 2011 of the Education Fund, and the Statement of Income and Expenditure, Statement of Recognised Gains and Losses and Cash Flow Statement of the Education Fund for the financial year then ended, and a summary of significant accounting policies and other explanatory notes.

Council's Responsibility for the Financial Statements

The Council of the Institution is responsible for the preparation and fair presentation of the financial statements in accordance with applicable approved accounting standards and the rules of the Education Fund. This responsibility includes: designing, implementing and maintaining internal controls relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error; selecting and applying appropriate accounting policies; and making accounting estimates that are reasonable in the circumstances.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with approved standards on auditing in Malaysia. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance whether the financial statements are free from material misstatements.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on our judgement, including the assessment of risks of material misstatements of the financial statements, whether due to fraud or error. In making those risk assessments, we consider internal controls relevant to the Education Fund's preparation and fair presentation of the financial statements 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 Education Fund's internal controls. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the Council, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements are prepared, in all material respects, in accordance with approved accounting standards and the rules of the Education Fund.

OTHER MATTERS

This report is made solely to the members of the Education Fund, as a body, 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

Date: 20 March 2012



STATEMENT OF INCOME AND EXPENDITURE FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2011

	Note	2011 RM	2010 RM
Income			
Donation received	2	44,010	54,210
Bank interest		141	353
Fixed deposits interest income	2	31,878	20,062
		76,029	74,625
Less: Expenditure			
Auditors' remuneration		2,000	2,000
Bank charges		106	101
Depreciation	3	-	381
Professional fees and tax services		1,540	771
Conference of ASEAN Federation of Engineering Organisations (CAFEO)		23,178	15,264
Sponsorship expenses		35,438	43,384
Scholarships		6,000	28,500
Bad debt written off		2,752	-
Amortisation of intangible assets	4	12,698	12,696
		83,712	103,097
Deficit before taxation		(7,683)	(28,472)
Taxation	5	-	490
Deficit for the year		(7,683)	(27,982)
Accumulated funds brought forward		2,636,811	2,664,793
Accumulated funds carried forward		2,629,128	2,636,811
Balance sheet as at 31 December 2011			
	Note	2011 RM	2010 RM
Non-current assets			
Property, plant and equipment	3	-	-
Intangible asset	4	-	12,698
Current assets			
Other receivables	6	1,601,255	1,608,553
Tax recoverable		3,480	2,095
Cash and cash equivalents	7	1,042,983	1,032,055
		2,647,718	2,642,703
Current liabilities			
Other payables and accrued expenses	8	18,590	18,590
Net current assets		2,629,128	2,624,113
		2,629,128	2,636,811
Financed by:			
Accumulated funds		2,629,128	2,636,811
		2,629,128	2,636,811



STATEMENT OF RECOGNISED GAINS AND LOSSES FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2011

	2011 RM	2010 RM
Deficit for the year	(7,683)	(27,982)

CASH FLOW STATEMENT FOR THE FINANCIAL YEAR ENDED 31 DECEMBER 2011

	2011 RM	2010 RM
Cash flows from operating activities		
Deficit before taxation	(7,683)	(28,472)
Adjustments for:		
Depreciation	-	381
Amortisation of intangible asset	12,698	12,696
Interest income	(31,878)	(20,062)
Operating deficit before working capital changes	(26,863)	(35,457)
Decrease/(Increase) in other receivables	7,298	(2,375)
Decrease in other payables	-	(1,278)
Cash used in operating activities	(19,565)	(39,110)
Income tax paid	(1,385)	(1,228)
Net cash used in operating activities	(20,950)	(40,338)
Cash flows from investing activity		
Interest received	31,878	20,062
Net cash generated from investing activity	31,878	20,062
Net increase/(decrease) in cash and cash equivalents	10,928	(20,276)
Cash and cash equivalents at 1 January	1,032,055	1,052,331
Cash and cash equivalents at 31 December	(i) 1,042,983	1,032,055
Note (l)		
	2011 RM	2010 RM
Cash and cash equivalents comprise:		
Cash and bank balances	35,655	54,912
Deposits with licensed banks	1,007,328	977,143
	1,042,983	1,032,055



NOTES TO THE FINANCIAL STATEMENTS AT 31 DECEMBER 2011

1. Summary of significant accounting policies

The following accounting policies are adopted by the Education Fund and are consistent with those adopted in previous years.

(a) Basis of accounting

The financial statements of the Fund have been prepared under the historical cost basis and in accordance with approved accounting standards and the rules of the Education Fund.

(b) Tax expense

Tax expense on the surplus or deficit for the year comprises current and deferred tax. Tax expense is recognised in the Statement of Income and Expenditure.

Current tax expense is the expected tax payable on the taxable income for the financial year, using tax rates enacted or substantively enacted at the balance sheet date, and any adjustment to tax payable in respect of previous years.

Deferred tax is recognised, using the liability method, on temporary differences arising between the tax bases of assets and liabilities and their carrying amounts in the financial statements. Deferred tax is not recognised for temporary differences arise from the initial recognition of goodwill, the initial recognition of assets or liabilities in a transaction that is not a business combination and that affects neither accounting nor taxable profit. The amount of deferred tax provided is measured based on the expected manner of realisation or settlement of the carrying amount of assets and liabilities, using tax rates enacted or substantively enacted at the balance sheet date.

A deferred tax asset is recognised to the extent that it is probable that future taxable profits will be available against which the asset can be utilised. Deferred tax assets are reviewed at each reporting date and reduced to the extent that it is no longer probable that the related tax benefit will be realised.

(c) Property, plant and equipment

Property, plant and equipment are stated at cost less accumulated depreciation and impairment losses, if any.

Subsequent costs are included in the asset's carrying amount or recognised as a separate asset, as appropriate, only when it is probable that future economic benefits associated with the item will flow to the Education Fund and the cost of the item can be measured reliably. The carrying amount of the replaced part is derecognised. All other repairs and maintenance costs are charged to the income statement during the financial year in which they are incurred.

Depreciation property, plant and equipment is calculated on the straight line basis at the following annual rates based on their estimated useful lives:

Office equipment	10%
Furniture and fittings	10%
Computers	40%

(d) Intangible assets

Intangible assets that are acquired by the Education Fund are stated at cost less accumulated amortisation and impairment losses, if any.

Intangible assets are amortised from the date that they are available for use. Amortisation of intangible assets is charged to the Statement of Income and Expenditure on a straight-line basis over the estimated useful lives of 5 years.

(e) Other receivables

Other receivables are stated at cost less allowance for doubtful debts.

(f) Cash and cash equivalents

Cash and cash equivalents comprise cash at bank and fixed deposits, which are subject to an insignificant risk of changes in value.

(g) Other payables

Other payables are stated at cost.

2. **Income***Interest income*

Interest income is recognised in the Statement of Income and Expenditure as it accrues, taking into account the effective yield on the asset.

Donation received

Donation is recognised in the Statement of Income and Expenditure on cash receipt basis.

3. **Property, plant and equipment**

	Office equipment RM	Furniture and fittings RM	Computers RM	Total RM
2011 Cost				
At 1 January/31 December	32,645	41,050	20,348	94,043
Accumulated depreciation				
At 1 January	32,645	41,050	20,348	94,043
Charge for the financial year	-	-	-	-
At 31 December	32,645	41,050	20,348	94,043
Net book value				
At 31 December 2011	-	-	-	-
At 31 December 2010	-	-	-	-

4. **Intangible asset**

	Software RM
Cost	
At 1 January 2011 /31 December 2010	63,482
Amortisation	
At 1 January 2011	50,784
Amortisation for the financial year	12,698
At 31 December 2011	63,482
Net book value	
At 31 December 2011	-
At 31 December 2010	12,698



5. Tax expense		
	2011	2010
	RM	RM
Current tax expense		
- Current year	-	-
- Over provision in prior year	-	(490)
		(490)
6. Other receivables		
	2011	2010
	RM	RM
Fixed deposit interest receivable	7,119	5,425
Advance to IEM – Main accounts	1,490,836	1,497,076
Advance to IEM Eastern Branch	84,300	84,300
ACFM advances	15,000	15,000
Other receivables	4,000	6,752
	1,601,255	1,608,553

Advances to IEM are unsecured, interest free and are repayable on demand.