



Past Presidents	2
IEM Distinguished Honorary Fellow	2
IEM Honorary Fellows	2
IEM Functions	3
Council Members for Seccion 2009/2010	4
Notice of 51st Annual General Meeting	5
Executive Committee of Council	6
Board of Management IEM Education Fund	6
Board of Management IEM Benevolent Fund	6
External Auditors and Honorary Internal Auditors	6
Standing Committees	7 - 8
Sub-Committees/ Ad Hoc Committees/ Special Committees	9 - 16
Technical Divisions/ Interest Groups/ Graduate and Student Section	17 - 20
Regional Branches	21 - 23
Organising Committees/ Position Papers Committees/ Technical Committees	24 - 26
IEM Representatives to Outside Bodies	29 - 41
IEM Outstanding Engineering Achievement Award	42 - 43
IEM Award for Contribution to Engineering Profession in Malaysia	43 - 44
World Federation of Engineering Organising (WFEO) Award	44
The ASEAN Outstanding Engineering Achievement Award	44 - 45
IEM Young Engineer Award	46
IEM Lady Engineer Award	46
Minutes of 50th AGM	47 - 58
List of Attendance for the 50th AGM	59 - 61
Minutes of 50th AGM (Bahasa Malaysia Translation)	62 - 73
Structure of Council - Session 2009/2010	74
Organisation Chart - Session 2009/2010	75
Council Members for Session 2009/2010	76
Executive Committee for Session 2009/2010	77
IEM Secretariat	77
Snapshots of Activities Held in Session 2009/2010	78 - 79
51st Annual Report Session 2009/2010	80 - 116
Summary Sheet Of Activities For Year 2009	117 - 132
Financial Statements for the Year Ended 31 December 2009	133 - 147
Pie Chart	148 - 149
Educational Fund	150 - 156
Financial Report of IEM Training Centre	157



Session	Past Presidents
1959/62	Allahyarham Tan Sri Ir. (Dr) Haji Yusoff bin Haji Ibrahim
1962/64	Allahyarham Raja Tan Sri Ir. Zainal bin Raja Sulaiman
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 Ir. Tuan Haji Mohd. Razali bin Bidin
1979/1981	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. Datuk Ir. (Dr) Haji Ahmad Zaidee bin Laidin
2001/03	Ir. Dr. Gue See Sew
2003/05	Y.Bhg. Dato' Ir. Prof Abang Abdullah bin Abang Ali
2005/07	Datuk Ir. Prof. Dr Ow Chee Sheng

## FELLOW KEHORMAT TERTINGGI, IEM

## IEM DISTINGUISHED HONORARY FELLOW

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

## FELLOW KEHORMAT, IEM

## IEM HONORARY FELLOW

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

## AHLI KEHORMAT, IEM

## IEM HON MEMBER

Year	Name of Recipient
2009	Late Master Yeoh Tong Eng



### **IEM VISION**

The Institution of Engineers, Malaysia 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 objects of The Institution as set out in the Constitution shall include the following:-

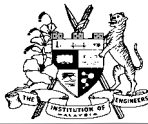
- (a) to hold meetings, exhibitions and visits, and such other activities as The Institution may deem incidental or conducive to the promotion or attainment of the profession of engineering;
- (b) to raise the character and status and advance the interests of the profession of engineering and those engaged 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 objects of The Institution; and
- (e) to do such other things as The Institution may think incidental or conducive to the attainment of the objects of The Institution.



*Position*

*Name*

<b>President</b>	YBhg. Dato' Ir. Prof. Dr Chuah Hean Teik
<b>Deputy President</b>	Ir. Vincent Chen Kim Kieong
<b>Vice Presidents</b>	Ir. P. E. Chong Ir. Choo Kok Beng Ir. Oon Chee Kheng Ir. M. C. Hee Ir. Lee Weng Onn YBhg. Datuk Ir. Rosaline Ganendra Ir. Yim Hon Wa
<b>Honorary Secretary</b>	Ir. Assoc Prof. Dr Jeffrey Chiang Choong Luin
<b>Honorary Treasurer</b>	Ir. Tan Yean Chin
<b>Council Member - Civil Rep</b>	Ir. Dr Mohd Zamin bin Jumaat
<b>Council Member - Mechanical Rep</b>	Ir. Phillip Tan Chee Lin @ Tan Ah Kow
<b>Council Member - Electrical Rep</b>	Ir. Yusouf bin Ahmad
<b>Council Member - Structural Rep</b>	Ir. Tu Yong Eng
<b>Council Member - Chemical &amp; Others Rep</b>	Ir. Razmahwata bin Mohamad Razalli
<b>Council Members - Ordinary Rep</b>	Ir. Tunai Shamsidi bin Ahmad Ir. Prof. Dr Chung Boon Kuan Ir. Gunasagaran a/l Kristnan Ir. Khor Hock Keat Ir. Mohd Aman bin Haji Idris Ir. Ng Yong Kong Ir. Ong Ching Loon Ir. Dr Tan Kuang Leong Ir. Toh Ai Ching Ir. Ishak bin Abdul Rahman Ir. Ivan Tan Chee Yen Ir. S. Kukanesan Ir. Lai Sze Ching Ir. Manogaran a/l K.Raman Ir. Dr Lee Teang Shui Ir. Li Thang Fai Ir. Assoc Prof Dr Mohd Saleh bin Jaafar Ir. Noor Hisham bin Yahaya Ir. Prof. Dr Lee Sze Wei Ir. Prof. Dr Ruslan bin Hassan Ir. Yee Yew Weng Ir. Mah Soo Ir. Dr Ahmad Anuar bin Othman YBhg. Dato' Ir. Haji. Abdul Rashid bin Maidin Ir. Yau Chau Fong Ir. Wong Chee Fui Ir. Mohd Khir bin Muhammad Y.Bhg Dato' Ir. Hj Mohd Isa bin Hj Sarman Y.Bhg. Dato Ir. Hj Ahmad Husaini bin Sulaiman Y.Bhg. Dato Ir. (Dr) Seo Kian Haw Y.Bhg. Dato' Dr. Ir. Gan Thian Leong YBhg. Dato' Paduka Ir. Prof. (Dr) Keizrul bin Abdullah YBhg. Dato' Ir. Pang Leong Hoon YBhg. Academician Dato' Ir. Lee Yee Cheong YBhg. Dato' Ir. (Dr) Hj. Ahmad Zaidee bin Laidin YBhg. Datuk Ir. Prof. Dr Ow Chee Sheng Ir. Dr Gue See Sew
<b>Council Member - By Appointment</b>	Ir. Lim Kok Khong Ir. Sim Tian Liang Ir. Dr Ganeindran a/l Sinnathamby Ir. Haji Roslan bin Abd Azis Ir. Hj. Rusli bin Embok Ir. Haji. Baharuddin bin Ahmad Nasir Ir. Mohd Khalid bin Nasir Ir. Dr John Panil Ir. Teo Chee Kong Ir. Peter Ting Kang Ngii Ir. Haji Abdullah bin Othman
<b>Immediate Past President</b>	
<b>Past Presidents</b>	
<b>Branch Representatives</b>	<i>Penang Branch</i> <i>Southern Branch</i> <i>Perak Branch</i> <i>Eastern Branch</i> <i>Terengganu Branch</i> <i>Negeri Sembilan Branch</i> <i>Malacca Branch</i> <i>Sarawak Branch</i> <i>Sabah Branch</i> <i>Miri Branch</i> <i>Kedah-Perlis Branch</i>



1 March 2010

Ref No: IEM10/HQ/038/AGM – 4 CPD hours

To all members of  
The Institution of Engineers, Malaysia

**NOTICE OF 51ST ANNUAL GENERAL MEETING**  
**Saturday, 17 April 2010, 9.00 am at Wisma IEM**

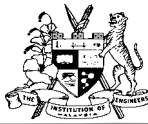
In accordance with Section 7.5 of the Bylaws, notice is hereby given that the 51st Annual General Meeting of The Institution of Engineers, Malaysia shall be held at 3rd Floor, Tan Sri Prof Chin Fung Kee Auditorium, Wisma IEM (new IEM Building), 21 Jalan Selangor, Petaling Jaya on **Saturday, 17 April 2010 at 9.00am.**

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

1. Welcoming Address by the President for Session 2009/2010.
2. Confirmation of Minutes of the 50th Annual General Meeting held on 18 April 2009.
3. Matters Arising.
4. Annual Report for Session 2009/2010.
5. Announcement of Results of Election for Council Session 2010/2011.
6. Change of Office Bearers.
7. Election of Honorary Internal Auditors.
8. Appointment of External Auditors.
9. Presidential Address 2010/2011.
10. Any Other Business of which written notice is submitted to reach IEM Secretariat by 1 April 2010. *Please note that no matters under Any Other Business shall be discussed, unless prior written notice is received by 1 April 2010. This is in accordance to our Constitution & Bylaws.*



**Ir. Assoc. Prof Dr Jeffrey Chiang Choong Luin**  
Hon. Secretary

**Yang Dipertua**

Dato' Ir. Prof. Dr Chuah Hean Teik

**Setiausaha Kehormat**

Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin

**Timbalan Yang Dipertua**

Ir. Vincent Chen Kim Kieong

**Bendahari Kehormat**

Ir. Tan Yean Chin

**Naib Yang Dipertua**

Ir. P.E. Chong

Ir. M.C. Hee

Ir. Choo Kok Beng

Ir. Lee Weng Onn

Ir. Oon Chee Kheng

Ir. Yim Hon Wa

Datuk Ir. Rosaline Ganendra

**Ahli-Ahli**

Ir. Gunasagaran a/l Kristnan

Ir. Ishak bin Abdul Rahman

Ir. Ong Ching Loon

Ir. Li Thang Fai

Ir. Mohd. Aman bin Hj. Idris

Ir. Mohd Khir bin Muhammad

Ir. Prof. Dr Lee Teang Shui

Ir. Prof. Dr Ruslan bin Hassan

**LEMBAGA TABUNG PENDIDIKAN IEM****BOARD OF MANAGEMENT - IEM EDUCATION FUND****Pengerusi**

Dato' Ir. Prof. Dr Chuah Hean Teik

**Bendahari Kehormat**

Ir. Tan Yean Chin

**Timbalan Pengerusi**

Ir. Vincent Chen Kim Kieong

**Ahli-Ahli**

Ir. P.E. Chong

Ir. M.C. Hee

Ir. Choo Kok Beng

Ir. Lee Weng Onn

Ir. Oon Chee Kheng

Ir. Yim Hon Wa

Datuk Ir. Rosaline Ganendra

**Setiausaha Kehormat**

Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin

**LEMBAGA TABUNG BENEVOLENT****BOARD OF MANAGEMENT - IEM BENEVOLENT FUND**

Tidak dilantik (No appointment)

**Ex-Officio**

Timbalan Yang Dipertua, IEM

Pengerusi, Jawantakuasa Tetap Kebajikan dan Hal Ehwal  
Perkhidmatan

Setiausaha Kehormat, IEM

Bendahari Kehormat, IEM

**JURUAUDIT LUAR DAN JURUAUDIT DALAM KEHORMAT****EXTERNAL AUDITORS AND HONORARY INTERNAL AUDITORS****Juruaudit Luar**

KPMG

**Juruaudit Dalam Kehormat**

Ir. Lee Eng Choy

Ir. Awangku Hidup bin Awangku Hosain

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

Ir. Vincent Chen Kim Kieong

**Naib Pengerusi**

Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin

**Setiausaha**

Ir. Tan Yean Chin

**Ahli- Ahli**

Ir. Mohd. Aman bin Hj. Idris

Ir. Khor Hock Keat

Ir. Mah Soo

Ir. Razmahwata bin Mohamad Razalli

Ir. Dr Philip Tan Chee Lin

Dato' Ir. Hj Mohd Isa bin Hj Sarman

Ir. Lim Ah Hang *(sehingga 15/12/2009)***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. Mohd Khir bin Muhammad

**Ahli-Ahli**

Ir. Rocky Wong HonThang

Ir. Ong Ching Loon

Ir. Kukanesan a/l Sakthiveil

Ir. Hj. Mohamed Ali bin Yusoff

Ir. Ivan Tan Chee Yen

Ir. Mohd. Aman bin Hj. Idris

Ir. Yau Chau Fong

Ir. Mah Soo

Ir. Noor Hisham bin Yahaya

Ir. Wong Chee Fui

Ir. Lai Sze Ching

Ir. Manogaran a/l K. Raman

Ir. Woo Ah Keong

Ir. Lee Boon Chong

Ir. David Ng Shiu Yuen

Ir. Yusouf bin Ahmad

Ir. Bahardin bin Baharom

Ir. Siti Rohaizat bt Midi

Ir. Hj. Tunai Shamsidi bin Ahmad

Ir. Dr Muhamad Fuad bin Abdullah

Ir. Dr Abu Bakar bin Mahat

Ir. Dr Philip Tan Chee Lin

Ir. Prof. Dr Lee Sze Wei

Ir. Prof. Dr Mohd. Zamin bin Jumaat

Ir. Prof. Dr Zainal Abidin bin Ahmad

Ir. Prof. Dr Chung Boon Kuan

Ir. Prof. Madya Shuib bin Sahudin

Ir. Maj (R) Hj. Ahmad Mazlan bin Othman

Dato' Ir. Hj. Abdul Rashid bin Maidin

Dato' Ir. (Dr) Andy Seo Kian Haw

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

Datuk Ir. Prof. Dr Ow Chee Sheng

Ir. Dr Marlinda bt Abdul Malek *(sehingga 13/7/09)*Ir. Abdul Rahim bin Othman *(sehingga 13/7/09)*Engr. Navinderan a/l Mageswaran *(Wakil S/S)***JAWATANKUASA TETAP AMALAN PROFESIONAL***(Standing Committee on Professional Practice)***Pengerusi**

Ir. P.E. Chong

**Naib Pengerusi**

Ir. Prof. Dr Lee Teang Shui

**Setiausaha**Ir. Wong See Foong *(sehingga 1/9/09)***Ahli-Ahli**

Ir. Lai Sze Ching

Ir. Gunasagaran a/l Kristnan

Ir. Wong Loo Min

Ir. Thin Choon Chai

Ir. Mun Kwai Peng

Ir. Chiam Teong Tee

Ir. Yee Yew Weng

Ir. Ng Yong Kong

Ir. Hj. Tunai Shamsidi bin Ahmad

Ir. Ms. Toh Ai Ching

Ir. Dr Wong Chin Chaw

Ir. Dr Tan Kuang Leong

Ir. Dr Ooi Teik Aun

Ir. Dr Tan Yean Guan

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

Dato' Ir. Pang Leong Hoon

Dato' Ir. Hj. Abdul Rashid bin Maidin

Dato' Ir. Gan Thian Leong

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

Engr. Stanley Yap Yun Siong *(Wakil S/S)*Engr. Karthigesu a/l Muniyandi *(Wakil S/S) (Alternate)***JAWATANKUASA TETAP PEPERIKSAAN DAN LATIHAN***(Standing Committee on Examinations and Training)***Pengerusi**

Ir. Choo Kok Beng

**Naib Pengerusi**

Ir. Mohd. Aman bin Hj. Idris

**Setiausaha**

Ir. Prof. Dr Syed Abdul Kader bin Shaik Aljunid

**Ahli-Ahli**

Ir. Li Thang Fai

Ir. Kukanesan a/l Sakthiveil

Ir. Lai Sze Ching

Ir. Tee Tong Kher

Ir. Loo Chee Kin

Ir. Hoo Choon Sean

Ir. Tu Yong Eng

Ir. Zamri bin Darus

Ir. Ng Yong Kong

Ir. Manogaran a/l K. Raman

Ir. Juares Rizal bin Abdul Hamid

Ir. Ivan Tan Chee Yen

Ir. Rocky Wong Hon Thang

Ir. David Lai Kong Phooi

Ir. David Ng Shiu Yuen

Ir. Dr Norlida bt Buniyamin

Ir. Prof. Dr Lee Teang Shui

Ir. Dr Muhamad Fuad bin Abdullah

Ir. Dr Nor Mariah bt Adam

Ir. Dr Ahmad Anuar bin Othman

Ir. Dr Marlinda bt Abdul Malek

Ir. Prof. Dr Ruslan bin Hassan

Ir. Prof. Dr Lee Sze Wei



Ir. Prof. Dr Zainal Abidin bin Ahmad  
 Ir. Prof. Dr Mohd. Saleh bin Jaafar  
 Ir. Prof. Dr Chung Boon Kuan  
 Ir. Maj (R) Hj. Ahmad Mazlan bin Othman  
 Dato' Ir. Abdul Rashid bin Yusof  
 Dato' Ir. Samsuddin bin Ismail  
 Dato' Ir. First Admiral Hj. Ahmad Murad bin Hj. Omar  
 Ir. Abdul Rahim bin Othman (*sehingga 13/709*)

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

**Pengerusi**

Ir. Lee Weng Onn

**Naib Pengerusi**

Ir. Gunasagaran a/l Kristnan

**Setiausaha**

Dato' Ir. Hj Mohd Isa bin Hj Sarman

**Ahli-Ahli**

Ir. Rocky Wong Hon Thang  
 Ir. Cheong Chee Kwong  
 Ir. Wong Chee Fui  
 Ir. Hj. Mohamed Ali bin Yusoff  
 Ir. Dr Tan Kuang Leong  
 Ir. Prof. Dr Ruslan bin Hassan  
 Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah  
 Dato' Ir. Ahmad Husaini bin Sulaiman  
 Dato' Ir. Hj. Abdul Rashid bin Maidin  
 Dato' Ir. (Dr) Andy Seo Kian Haw  
 Engr. Chin Yik Ming (*Wakil S/S*)  
 Engr. Shuhairy bin Norhisham (*Wakil S/S*) (*Alternate*)

**JAWATANKUASA TETAP AKTIVITI**  
 (*Standing Committee on Activities*)

**Pengerusi**

Ir. M.C. Hee

**Naib Pengerusi**

Ir. Li Thang Fai

**Setiausaha**

Ir. Razmahwata bin Mohd. Razalli

**Ahli-Ahli**

Ir. Lee Eng Choy  
 Ir. Dr Jeffrey Chiang Choong Luin  
 Dato' Ir. Hj Mohd Isa bin Hj Sarman  
 Ir. Gopal Narian Kutty (*Wakil Jamuan Makan Malam*)  
 Ir. Dr Ahmad Anuar bin Othman (*Wakil Pertandingan Golf*)  
 Ir. Dr Mohd Farid bin Ahmad (*Wakil Jurutera Perunding*)  
 Ir. Dr Thomas Choong Shean Yaw (*Wakil Kimia*)  
 Ir. Teoh Teik Seng (*Wakil Awam & Struktur*)  
 Ir. Lee Kok Chong (*Wakil Elektrik*)  
 Ir. Jayaseelan a/l Nadarajah (*Wakil Pendidikan*)  
 Ir. Santha Kumaran a/l Erusan @ Krishnan (*Wakil Alam Sekitar*)  
 Ir. Gunasagaran a/l Kristnan (*Wakil Lebuhraya dan Pengangkutan*)  
 Ir. Dr Hoh See Min (*Wakil Teknologi Maklumat*)  
 Ir. Dr Cheong Thiam Fook (*Wakil Mekanik*)  
 Ir. Al-Khairi bin Mohd Daud (*Wakil Minyak dan Gas*)  
 Ir. Lee Boon Chong (*Wakil Pengurusan Projek*)  
 Ir. Ong Sang Woh (*Wakil Terowong*)  
 Ir. Elias bin Saidin (*Wakil Sumber Air*)  
 Ir. Chua Chai Guan (*Wakil Geoteknik*)  
 Ir. Jagathisen s/o Siva Perumal (*Wakil Pembuatan*)  
 Engr. Vasan a/l Muriappan (*Wakil Pertanian dan Makanan*)  
 Engr. Wong Win Heng (*Wakil Khidmat Bangunan*)  
 Engr. Wong Way Sheng (*Wakil S/S*)  
 Engr. Roland Ngeow Yen Wan (*Wakil S/S*)

**JAWATANKUASA TETAP KEBAJIKAN DAN HAL  
 EHWAL PERKHIDMATAN**

(*Standing Committee on Welfare and Service Matters*)

**Pengerusi**

Datuk Ir. Rosaline Ganendra

**Naib Pengerusi**

Ir. Ong Ching Loon

**Setiausaha**

Ir. Ishak bin Abdul Rahman

**Ahli-Ahli**

Ir. Choo Kok Beng  
 Ir. Yim Hon Wa  
 Ir. Khor Hock Keat  
 Ir. Yau Chau Fong  
 Ir. Fong Tian Yong  
 Ir. Noor Hisham bin Yahaya  
 Ir. Rocky Wong Hon Thang  
 Ir. Gary Lim Eng Hwa  
 Ir. Gunasagaran a/l Kristnan  
 Ir. Suraj Parkash  
 Ir. Dr Abdul Rahim bin Bidin  
 Ir. Dr Chew Chong Key  
 Ir. Yusouf bin Ahmad  
 Ir. Awangku Hidup bin Awangku Hosain  
 Ir. Ms. Sarah Tay Lay Hwee  
 Ir. Ms. Toh Ai Ching  
 Dato' Ir. Hj Mohd Isa bin Hj Hj Sarman  
 Engr. Tan Jin Kiat (*Wakil S/S*)

**JAWATANKUASA TETAP INFORMASI DAN PENERBITAN**  
 (*Standing Committee on Information and Publications*)

**Pengerusi**

Ir. Oon Chee Kheng

**Naib Pengerusi**

Ir. Mohd Khir bin Muhammad

**Setiausaha**

Ir. Lau Tai Onn

**Ketua Pengarang**

Ir. Oon Chee Kheng

**Pengarang Buletin**

Ir. Dr Yeoh Hak Koon

**Pengarang Jurnal**

Ir. Prof. Madya Dr Muhammad Azmi bin Ayub

**Ahli-Ahli**

Ir. Yee Yew Weng  
 Ir. Yee Thien Seng  
 Ir. Chin Mee Poon  
 Ir. Tu Yong Eng  
 Ir. CMM Aboobucker  
 Ir. Dr Chong Chien Fatt  
 Ir. Prof. Madya Dr Arazi bin Idrus  
 Ir. Mohd. Aman bin Hj. Idris  
 Ir. Hj. Look Keman bin Sahari  
 Ir. Prof. Dr Mohd. Zamin bin Jumaat  
 Ir. Prof. Dr Mohd. Saleh bin Jaafar  
 Ir. Prof. Madya Dr Hjh Siti Hawa bt Hamzah  
 Engr. Abi Sofian bin Abdul Hamid  
 Engr. Dr Khairur Rijal bin Jamaluddin  
 Engr. Shuhairy bin Norhisham (*Wakil S/S*)





**KEWANGAN**

**Jawatankuasa Kecil Hal Ehwal Kakitangan**  
(Sub Committee on Human Resources)

**Pengerusi**

Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin

**Naib Pengerusi**

Ir. Tan Yean Chin

**Ahli-Ahli**

Ir. Li Thang Fai  
Ir. Mah Soo  
Ir. Gunasagaran a/l Kristnan

**KEWANGAN**

**Jawatankuasa Kecil Penyelenggaraan Bangunan**  
(Sub Committee on Infrastructure)

**Pengerusi**

Ir. Tan Yean Chin

**Naib Pengerusi**

Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin

**Ahli-Ahli**

Dato' Ir. (Dr) Hj. Abu Hashim bin Abd. Ghani  
Datuk Ir. Prof. Dr Ow Chee Sheng  
Ir. Ng Yong Kong  
Ir. Prof. Dr Lee Sze Wei  
Ir. Gunasegaran Reddy

**KEWANGAN**

**Jawatankuasa AdHoc Kutipan Derma**  
(AdHoc Committee on Fund Raising)

**Pengerusi**

Datuk Wira Ir. Md Sidek bin Ahmad

**Pengerusi Bersama**

Ir. Dr Gue See Sew

**Ahli- Ahli**

Dato' Ir. (Dr) Andy Seo Kian Haw  
Dato' Ir. (Dr) Hj. Abu Hashim bin Abd. Ghani  
Datuk Ir. (Dr) Hj. Ahmad Zaidee bin Laidin  
Dato' Sri Ir. Prof. (Dr) Judin bin Abdul Karim  
Dato' Ir. Gan Tian Leong  
Dato' Ir. Donald Lim Siang Chai

**KELAYAKAN DAN KEMASUKAN KEAHLIAN**

**Jawatankuasa Kecil Lembaga Kemasukan Keahlian**  
(Membership Applications Board)

**Pengerusi**

Ir. Dr Abu Bakar bin Mahat

**Naib Pengerusi**

Ir. Lee Boon Chong

**Setiausaha**

Ir. Chan Zhi Han

**Ahli-Ahli**

Ir. Kim Kek Seong  
Ir. Chew Shee Fuee  
Ir. Hoo Choon Sean

Ir. Sia Han See

Ir. Wong Chee Fui

Ir. Spencer Klumai

Ir. Nagur Aziz bin Kamal Bashah

Ir. Juares Rizal bin Abdul Hamid

Ir. Abdul Rahim bin Othman (*sehingga 7/7/09*)

**KELAYAKAN DAN KEMASUKAN KEAHLIAN**

**Jawatankuasa Kecil Lembaga Akreditasi**  
(IEM Accreditation Board)

**Pengerusi**

Ir. Prof. Dr Zainal Abidin bin Ahmad

**Naib Pengerusi**

Ir. Kukanesan a/l Sakthiveil

**Setiausaha**

Ir. Hj. Mohamed Ali bin Yusoff

**Ahli-Ahli**

Ir. Chan Cheong Loong  
Ir. Yim Hon Wa  
Ir. Rocky Wong Hon Thang  
Ir. Ishak bin Abdul Rahman  
Ir. Bahardin bin Baharom  
Ir. Mohd. Aman bin Hj. Idris  
Dato' Ir. Hj. Abdul Rashid bin Maidin  
Datuk Ir. Prof. Dr Ow Chee Sheng  
Ir. Prof. Dr Mohd Ali bin Hashim  
Ir. Prof. Dr K.S. Kannan  
Dato' Lt Gen (B) Ir. Ismail bin Samion

**KELAYAKAN DAN KEMASUKAN KEAHLIAN**

**Jawatankuasa Kecil Menggiatkan Keahlian Dan  
Bimbingan Kerjaya**  
(Sub Committee on Membership Drive and Career Guidance)

**Pengerusi**

Ir. Noor Hisham bin Yahaya

**Naib Pengerusi**

Ir. Mah Soo

**Setiausaha**

Ir. Yau Chau Fong

**Ahli-Ahli**

Ir. Dr Cheong Thiam Fook  
Ir. Prof Madya Dr Shuhaimi bin Mansor  
Ir. Al-Khairi bin Mohd Daud  
Ir. Dr Marlinda bt Abdul Malek (*sehingga 13/7/09*)  
Ir. Alex Tan Yew Aik (*Wakil S/S*)  
Engr. Navinderan a/l Mageswaran (*Wakil S/S*)  
Engr. Roland Ngeow Yen Wan (*Wakil S/S*)

**PEPERIKSAAN DAN LATIHAN**

**Lembaga Temuduga Profesional**  
(Professional Interview Board)

**Pengerusi**

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**Naib Pengerusi**

Ir. Mohd. Aman bin Hj. Idris



**Ahli-Ahli**

Ir. Tar Singh  
Ir. Gopal Narian Kuty  
Ir. Chan Zhi Han  
Ir. Ng Yong Kong  
Ir. Dr How You Chuan  
Ir. Juares Rizal bin Abdul Hamid  
Ir. Noor Hisham bin Yahaya  
Ir. Muhammad Guntor Mansor bin Tobeng  
Ir. Hj. Mohd. Nor bin Abd. Basar  
Ir. Hj. Mohamed Ali bin Yusoff  
Dato' Ir. Lim Chow Hock  
Ir. Abdul Rahim bin Othman (*sehingga 24/7/09*)

**PEPERIKSAAN DAN LATIHAN**

**Jawatankuasa Kecil Skim Buku Log**  
(*Sub Committee on Log Book Scheme*)

**Pengerusi**

Ir. Juares Rizal bin Abdul Hamid

**Ahli-Ahli**

Ir. Gunasagaran a/l Kristnan (*Awam*)  
Ir. Dr Tee Tiam Ting (*Kimia*)  
Ir. Abdul Rahim bin Hj Toman (*Mekanik*)  
Ir. Mohd. Azha bin Abu Samah (*Eletrik*)

**PEPERIKSAAN DAN LATIHAN**

**Lembaga Latihan IEM**  
(*IEM Training Board*)

**Pengerusi**

Ir. Prof. Dr Lee Teang Shui

**Ahli-Ahli**

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Ir. Hj. Look Keman bin Sahari  
Ir. Li Thang Fai  
Ir. Loo Chee Kin  
Ir. Mat Nasir bin Kari  
Ir. Hj. Mohamad Asari bin Daud  
Dato' Ir. First Admiral Hj. Ahmad Murad bin Hj. Omar

**PEPERIKSAAN DAN LATIHAN**

**Lembaga Peperiksaan IEM**  
(*IEM Board of Examiners*)

**Pengerusi**

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**Ahli-Ahli**

Ir. Mohamad Fadzil bin Adnan @ Nan  
Ir. Mohd Aris bin Bernawi  
Ir. Fuad bin Abas  
Ir. Dr Ahmad Fadhil bin Nuruddin  
Ir. Dr Ng See Seng  
Ir. Dr Law Chung Lim  
Ir. Dr Thomas Choong Shean Yaw  
Ir. Prof. Dr Lee Sze Wei  
Ir. Prof. Madya Dr Chung Boon Kuan  
Ir. Prof. Madya Dr Siti Hawa bt Hamzah  
Ir. Prof. Dr Mohd. Saleh bin Jaafar  
Ir. Prof. Dr Azmi bin Ibrahim  
Ir. Prof. Dr Titik Khawa bt Abdul Rahman  
Datin Ir. Prof. Dr Masitah bt Hassan  
Dato' Lt Gen (B) Ir. Ismail bin Samion  
Ir. Dr Norlida bt Buniyamin

**PEPERIKSAAN DAN LATIHAN**

**Jawatankuasa Wakil EAC**  
(*IEM representative to EAC*)

Ir. Yim Hon Wa  
Ir. Ishak bin Abdul Rahman  
Datuk Ir. Prof. Dr Ow Chee Sheng  
Ir. Prof. Dr Mohd Ali bin Hashim  
Ir. Mohd. Aman bin Hj. Idris  
Ir. Prof. Dr Zainal Abidin bin Ahmad

**PEPERIKSAAN DAN LATIHAN**

**Biro Peperiksaan Siswazah IEM/BEM**  
(*IEM/BEM Graduate Examinations Bureau*)

**Pengerusi**

Ir. Prof. Dr Syed Abdul Kader bin Shaik Aljunid

**Ahli-Ahli**

Ir. Lim Ah Hang  
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Ir. Prof. Dr K.S. Kannan  
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Ir. Dr Ramlee bin Karim  
Ir. Hj. Mohd. Nor bin Abd. Basar

**INFORMASI DAN PENERBITAN**

**Lembaga Penerbitan IEM**  
(*IEM Editorial Board*)

**Pengerusi**

Ir. Oon Chee Kheng

**Pengarang Buletin**

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**Setiausaha**

Ir. Lau Tai Onn

**Ahli-Ahli**

Ir. Hj. Look Keman bin Sahari  
Ir. Prof. Dr Mohd. Saleh bin Jaafar  
Ir. Chin Mee Poon  
Ir. Yee Thien Seng  
Ir. Yee Yew Weng  
Ir. Prof. Madya Dr Arazi bin Idrus  
Engr. Abi Sofian bin Abdul Hamid

**INFORMASI DAN PENERBITAN**

**Jawatankuasa Kecil mengenai Terbitan Jurnal**  
(*Sub Committee on Publication of Journals*)

**Pengerusi**

Ir. Prof. Madya Dr Muhammad Azmi bin Ayub

**Setiausaha**

Engr. Dr Khairur Rijal bin Jamaludin

**Penasihat**

Ir. Prof. Madya Dr Aminuddin bin Mohd. Baki

**Ahli-Ahli**

Ir. Lim Kim Ten  
Ir. Ahmad Rasdan bin Ismail  
Ir. Prof. Dr Mohd. Saleh bin Jaafar  
Ir. Prof. Madya Dr Luqman Chuah bin Abdullah  
Ir. Prof. Madya Dr Junaidah bt Ariffin  
Ir. Dr Prof. Madya Arazi bin Idrus



Ir. Dr Ramlee bin Karim  
Prof. Madya Dr Zubaidah bt Ismail  
Prof. Madya Dr Saad Mekhilef  
Dr Raja Symsul Azmir bin Raja Abdullah  
Engr. Dr Nor Hayati bt Abdul Hamid

**INFORMASI DAN PENERBITAN**  
**Jawatankuasa Kecil Projek Penerbitan Buku Sejarah IEM dan Kejuruteraan**  
(*Sub Committee on IEM Book Project*)

**Pengerusi**  
Ir. Oon Chee Kheng

**Ahli-Ahli**  
Ir. Chin Mee Poon  
Cik Salina Wong

**INFORMASI DAN PENERBITAN**  
**Jawatankuasa Kecil Hal Perpustakaan**  
(*Sub Committee on Library Matters*)

**Pengerusi**  
Ir. CMM Aboobucker

**Naib Pengerusi**  
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**Ahli-Ahli**  
Ir. Dr Heng Hock Hwee  
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**INFORMASI DAN PENERBITAN**  
**Jawatankuasa Kecil Plagiarisma**  
(*Sub Committee on Investigation of Plagiarism*)

**Pengerusi**  
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**Naib Pengerusi**  
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**Pengarang Buletin**  
Engr. Dr Yeoh Hak Koon

**Ahli-Ahli**  
Ir. Yee Thien Seng  
Ir. Chin Mee Poon  
Ir. Prof. Dr Mohd. Saleh bin Jaafar

**AKTIVITI**  
**Jawatankuasa Kecil Jamuan Makan Malam 2009 Ulangtahun IEM Yang ke 50**  
(*Sub Committee on IEM 50th Anniversary Dinner 2009*)

**Pengerusi**  
Ir. Gopal Narian Kutty

**Penasihat**  
Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah  
Dato' Ir. Prof. Dr Chuah Hean Teik  
Ir. Oon Chee Kheng

**Ahli-Ahli**  
Ir. Luk Chau Beng  
Ir. Ng Yong Kong  
Ir. Lum Youk Lee  
Engr. Roland Ngeow Yen Wan

**AKTIVITI**  
**Jawatankuasa Kecil Jamuan Makan Malam Dan Penganugerahan Tahunan 2010**  
(*Sub on IEM Annual Dinner and Awards Night 2010*)

**Pengerusi**  
Ir. Gopal Narian Kutty

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

**Ahli-Ahli**  
Ir. Luk Chau Beng  
Ir. Yau Chau Fong  
Ir. Siew Yaw Jen  
Engr. Roland Ngeow Yen Wan

**AKTIVITI**  
**Jawatankuasa Kecil "Pertandingan Golf 2009"**  
(*Sub Committee on Golf Competition 2009*)

**Pengerusi**  
Ir. Gary Lim Eng Hwa

**Penasihat**  
Datuk Ir. Prof. Dr Ow Chee Sheng

**Ahli-Ahli**  
Ir. Leong Siew Meng  
Ir. Yeo Boon Kah  
Ir. Yim Hon Wa  
Ir. Ng Yong Kong  
Dato' Ir. Muhammad Imran bin Baharuddin

**AKTIVITI**  
**Jawatankuasa Kecil "Pertandingan Golf 2010"**  
(*Sub Committee on Golf Competition 2010*)

**Pengerusi**  
Ir. Dr Ahmad Anuar bin Othman

**AMALAN PROFESIONAL**  
**Lembaga Penasihat Kebakaran**  
(*IEM Fire Advisory Board*)

**Pengerusi**  
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**Ahli-Ahli**  
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Ir. Chen Thiam Leong  
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Ir. Ang Seah Heng  
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Ir. David Ng Shiu Yuen  
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**AMALAN PROFESIONAL**  
**Jawatankuasa Kecil Penulisan Standard**  
(*Sub Committee on Standard Writing Organisation*)

**Koordinator**  
Ir. Mun Kwai Peng

**Ahli-Ahli**  
Ir. M.C. Hee  
Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin



**Jawatankuasa Kecil Undang –Undang Kecil  
Bangunan Seragam**  
(*Sub Committee on “Street, Drainage And Building Act  
And UBL*)

**Pengerusi**

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**Ahli-Ahli**

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Ir. Ong Sang Woh  
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Ir. Chen Thiam Leong  
Ir. Wong See Foong  
Ir. Dr Chin Yaw Ming  
Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin  
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**AMALAN PROFESIONAL**

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

**Pengerusi**

Ir. Ms. Toh Ah Ching

**AMALAN PROFESIONAL**

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

**Pengerusi**

Ir. Gunasagaran a/l Kristnan

**Ahli-Ahli**

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Ir. Wong See Foong  
Ir. Ang Seah Heng  
Ir. Lim Eng Chong  
Ir. Siew Yaw Jen  
Ir. Lai Sze Ching  
Ir. Oon Chee Kheng  
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**AMALAN PROFESIONAL**

**Jawatankuasa Kecil Penilaian Aduan**  
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**Pengerusi**

Dato’ Ir. Pang Leong Hoon

**Ahli-Ahli**

Ir. Dr Ooi Teik Aun

**AMALAN PROFESIONAL**

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Ir. Lai Sze Ching  
Ir. Lim Kok Hing

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**Jawatankuasa AdHoc Akta Industri Pembangunan  
dan Kehakiman**  
(*AdHoc Committee on Construction Industry and Adjudication Act*)

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Ir. P.E. Chong

**AMALAN PROFESIONAL**

**Jawatankuasa Amalan Ikhtisas**  
(*AdHoc Committee on Professional Conduct - Hearing Committee*)

**Pengerusi**

Ir. Dr Ooi Teik Aun

**Ahli-Ahli**

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Ir. Dr Tan Yean Guan  
Ir. Chiam Teong Tee  
Ir. Prof. Madya Dr Chung Boon Kuan

**AMALAN PROFESIONAL**

**Jawatankuasa AdHoc Menilai Semula Akta Jurutera –  
Akta Baru Jurutera**  
(*AdHoc Committee on Review of the Registration  
Of Engineers Act*)

**Pengerusi**

Ir. Lai Sze Ching

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

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**Ahli-Ahli**

Ir. Yim Hon Wa  
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**AMALAN PROFESIONAL**

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

Ir. Lai Sze Ching

**AMALAN PROFESIONAL**

**Jawatankuasa Khas Amalan dan Disiplin**  
(*Special Committee on Professional Conduct and Discipline*)

**Pengerusi**

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

**Ahli-Ahli**

Ir. Lai Sze Ching



**KEBAJIKAN DAN PERKHIDMATAN  
Jawatankuasa Kecil “Minggu Kejuruteraan 2009”  
(Sub Committee on Engineering Week 2009)**

**Pengerusi**  
Ir. Noor Hisham bin Yahaya

**KEBAJIKAN DAN PERKHIDMATAN  
Jawatankuasa Kecil “Minggu Kejuruteraan 2010”  
(Sub Committee on Engineering Week 2010)**

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Ir. Noor Hisham bin Yahaya

**Ahli-Ahli**  
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Ir. Gunasagaran a/l Kristnan  
Engr. Roland Ngeow Yen Wan

**KEBAJIKAN DAN PERKHIDMATAN  
Jawatankuasa Kecil “Hari Keluarga IEM 2009”  
(Sub Committee on IEM Family Day 2009)**

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

**Ahli-Ahli**  
Ir. Khor Hock Keat  
Ir. Siew Yaw Jen  
Ir. Gunasagaran a/l Kristnan  
Ir. Noor Hisham bin Yahaya  
Ir. Dr Cheong Thiam Fook  
Ir. Prof. Madya Dr Marlinda bt Abdul Malek  
Engr. Roland Ngeow Yen Wan

**KEBAJIKAN DAN PERKHIDMATAN  
Jawatankuasa Kecil “Hari Keluarga IEM 2010”  
(Sub Committee on IEM Family Day 2010)**

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

**Naib Pengerusi**  
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**Ahli-Ahli**  
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Ir. Siew Yaw Jen  
Ir. Suresh a/l Yegambaram  
Ir. Mohamad Fadzlie bin Ibrahim  
Engr. Lim Terk Yiang  
Engr. Shuhairy bin Norhisham  
Engr. Roland Ngeow Yen Wan

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

**Pengerusi**  
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**Nain Pengerusi**  
Ir. Gary Lim Eng Hwa

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

**Pengerusi**  
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**Nain Pengerusi**  
Ir. Gary Lim Eng Hwa

**KEBAJIKAN DAN PERKHIDMATAN  
Jawatankuasa Kecil “Jurutera Wanita”  
(Sub Committee on Lady Engineers)**

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Ir. Ms. Toh Ah Ching

**Timbalan Pengerusi**  
Ir. Ms. Chin Lee Leng

**Setiausaha**  
Ir. Ms. Magdalene Tan Lee

**Ahli-Ahli**  
Ir. Ms. Lau Yuk Ma  
Ir. Ms. Sarah Tay Lay Hwee  
Ir. Raffah bt Mahfar  
Ir. Khamsah bt Rais  
Ir. Erni Juwita bt Abd. Manan  
Ir. Menaga Deavi a/p P Ramananthan  
Ir. Sharifah Azlina bt Raja Kamal Pasmah  
Ir. Prof. Madya Dr Maisarah bt Ali  
Ir. Prof. Madya Dr Marlinda bt Abdul Malek  
Ir. Ms Kumari Nalini a/p P. Subramaniam  
Ir. Prof. Madya Hayati bt Abdullah  
Engr. Trudy Ranjini Ganendra  
Engr. Kee Wai Fun  
Engr. Habibah @ Norehan bt Hj. Haron  
Engr. Ms. Gowry Thambirajah

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

**Pengerusi**  
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**Naib Pengerusi**  
Ir. Gary Lim Eng Hwa

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Jawatankuasa Kecil “Hal Ehwal Masyarakat”  
(Sub Committee on Community Services)**

**Pengerusi**  
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**Naib Pengerusi**  
Ir. Choo Kok Beng



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

**Pengerusi**  
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**Naib Pengerusi**  
Ir. Ong Ching Loon

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

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

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

**Pengerusi**  
Ir. Yau Chau Fong

**Naib Pengerusi**  
Ir. Sarah Tay Lay Hwee

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

**Pengerusi**  
Ir. Khor Hock Keat

**Naib Pengerusi**  
Ir. Yau Chau Fong

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

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**Naib Pengerusi**  
Ir. Suraj Parkash

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**Jawatankuasa Kecil “ Senaman dan Kesihatan”**  
*(Sub Committee on Health Care and Exercise)*

**Pengerusi**  
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**Ahli-Ahli**  
Ir. Dr Chew Chong Key  
The late Yeoh Tong Eng (*Sifu Senaman*)

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

**Pengerusi**  
Ir. Dr Tan Kuang Leong

**HAL HAL KORPORAT/CORPORATE AFFAIRS**  
**Jawatankuasa Kecil Aktiviti Teras/Primer**  
*(Sub Committee on Core/Primary Activities)*

**Pengerusi**  
Ir. Lee Weng Onn

**HAL HAL KORPORAT/CORPORATE AFFAIRS**  
**Jawatankuasa Khas “Pro-ETI”**  
*(Special Committee on Pro –ETI)*

**Pengerusi**  
Ir. Rocky Wong Hon Thang

**HAL HAL KORPORAT/CORPORATE AFFAIRS**  
**Jawatankuasa Khas “MOU/MOA”**  
*(Special Committee to look into MOU/MOA)*

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

**HAL HAL KORPORAT/CORPORATE AFFAIRS**  
**Wakil Penghubung IEM untuk Pengawasan Nasional APEC**  
*(IEM Contact Point for APEC National Monitoring Committee)*

**Wakil**  
Ir. Dr Gue See Sew

**HAL HAL KORPORAT/CORPORATE AFFAIRS**  
**Wakil Pemerhati IEM untuk Jawatankuasa Pengawasan Nasional APEC**  
*(IEM Reviewers for APEC National Monitoring Committee)*

**Wakil**  
Ir. Dr Gue See Sew  
Ir. Rocky Wong Hon Thang

**HAL HAL KORPORAT/CORPORATE AFFAIRS**  
**Jawatankuasa Pendaftaran bagi APEC/Profesional Antarabangsa**  
*(APEC/EMF Registration Committee)*

**Pengerusi**  
Ir. Dr Gue See Sew

**Ahli-Ahli**  
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  
Datuk Ir. Prof. Dr Ow Chee Sheng  
Dato’ Ir. Dr Ahmad Fikri bin Hussein  
Dato’ Ir. Prof. Dr Chuah Hean Teik  
Dato’ Ir. Foong Choy Chye (*sehingga 29/10/09*)

**HAL HAL KORPORAT/CORPORATE AFFAIRS**  
**Jawatankuasa Tempatan Pengawasan dan Ko-ordinasi FEIIC**  
*(IEM – FEIIC Local Co-ordinating Committee)*

**Pengerusi**  
Dato’ Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah



**HAL HAL KORPORAT/CORPORATE AFFAIRS  
Jawatankuasa AFEO Pengurusan Urusetia  
(AFEO Secretariat Management Committee)**

**Pengerusi**

Ir. Tan Yean Chin

**Ahli-Ahli**

Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin

**HAL HAL KORPORAT/CORPORATE AFFAIRS  
Jawatankuasa Pengawasan dan Ko-ordinasi Hal-Hal AFEO  
(IEM – AFEO Local Co-ordinating Committee)**

**Yang Dipertua**

Dato' Ir. Prof. Dr Chuah Hean Teik

**Wakil**

Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin  
Ir. Tan Yean Chin  
Ir. Rocky Wong Hon Thang

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

**Pengerusi**

Ir. Yim Hon Wa

**Naib Pengerusi**

Ir. Hj. Mohamed Ali bin Yusoff

**Ahli-Ahli**

Ir. Choo Kok Beng  
Ir. Cheong Chee Kwong  
Ir. Rocky Wong Hon Thang  
Ir. Ong Ching Loon  
Ir. Cheong Chee Kwong  
Ir. Ishak bin Abdul Rahman  
Dato' Ir. (Dr) Andy Seo Kian Haw

**HAL HAL KORPORAT/CORPORATE AFFAIRS  
Jawatankuasa Pendaftaran Jurutera ASEAN  
(ASEAN Engineers Register Executive Committee)**

**Pengerusi**

Ir. Rocky Wong Hon Thang

**Setiausaha/Bendahari**

Ir. Hj. Mohamed Ali bin Yusoff

**Ahli-Ahli**

Ir. Cheong Chee Kwong  
Ir. Eddie Lim Hok Lian  
Dato' Ir. Mohd. Rizal Al-Amin bin Tun Sardon  
Ir. Satha Anandam Maniam  
Dato' Ir. Hj. Abdul Rashid bin Maidin  
Engr. Roland Ngeow Yen Wan

**Setiausaha Am AFEO**

Ir. Tan Yean Chin

**Penasihat**

Ir. Choo Kok Beng

**Ahli- Ahli**

Ir. Cheong Chee Kwong  
Ir. Satha Anandam Maniam  
Ir. Choo Kok Beng

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

**Yang Dipertua**

Dato' Ir. Prof. Dr Chuah Hean Teik

**Wakil**

Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah  
Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin  
Ir. Tan Yean Chin

**HAL HAL KORPORAT/CORPORATE AFFAIRS  
Jawatankuasa Pengawasan dan Ko-ordinasi Hal-Hal FEIAP  
(IEM – FEIAP Co-ordinating Committee)**

**Yang Dipertua**

Dato' Ir. Prof. Dr Chuah Hean Teik

**Wakil**

Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah  
Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin  
Ir. Tan Yean Chin

**HAL HAL KORPORAT/CORPORATE AFFAIRS  
Jawatankuasa FEIAP Pengurusan Urusetia  
(FEIAP Secretariat Management Committee)**

**Pengerusi**

Ir. Tan Yean Chin

**Ahli-Ahli**

Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin

**JAWATANKUASA ADHOC**

**Wakil IEM ke AFEO**

(IEM representation on AFEO)

**Yang Dipertua**

Dato' Ir. Prof. Dr Chuah Hean Teik

**Timbalan Yang Dipertua**

Ir. Vincent Chen Kim Kieong (*alternate*)

**Setiausaha Kehormat**

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**Naib Pengerusi (I)**

Ir. Hj. Zawawi bin Hj. Embong

**Naib Pengerusi (II)**

Ir. Alan Tan Khiok Chun

**Setiausaha Kehormat**

Ir. Kenny Thian Boon Khuin

**Bendahari Kehormat**

Ir. Lo Khere Chiang

**Ahli-Ahli**

Ir. John Lau Lee Yii

Ir. William Tan Khoon Lee

Ir. Dr Andrew Ragai a/l Henry Rigit

Ir. Teo Seo Lin

Ir. Benjamin Lim Siaw Ming

Ir. Ron Aldrino Chan

Ir. Abdul Nasser bin Abdul Wahab (*Wakil Bintulu*)Ir. Vincent Tang Chok Khing (*Wakil Sibul*)**Bekas Pengerusi Terakhir**

Ir. Wong Siu Hieng



**JAWATANKUASA PENGELOLA**

**Pertandingan “CHEM E CAR Kebangsaan ke 5”**  
(Organising Committee for 5th Malaysian Chem E Car Competition)

**Pengerusi**

Ir. Hj. Tunai Shamsidi bin Ahmad

**Ahli-Ahli**

Ir. Dr Abdul Aziz bin Abdul Rahman  
Ir. Mohamad Fadzil bin Adnan @ Nan  
Ir. Noor Hisham bin Yahaya  
Ir. Prof Madya Dr Law Chung Lim  
Ir. Dr Thomas Choong Shean Yaw  
En. Zulhafiz bin Tajudin (Wakil UniKL MICET)  
En. Imran bin Zakaria (Wakil UniKL MICET)  
En. Syed Azhar bin Syed Ab Rahman (Wakil UniKL MICET)  
En. Najmiddin bin Yaakob (Wakil UiTM)  
En. Hanafiah bin Zainal Abidin (Wakil UiTM)  
Ms. Lai Yin Ling (Wakil SEGI)

**JAWATANKUASA PENGELOLA**

**Persidangan “BROWNSFIELD ASIA 2010”**  
(Organising Committee for Brownsfield Asia Conference 2010)

**Pengerusi**

Ir. Santha Kumaran a/l Erusan @ Krishnan

**Ahli-Ahli**

Ir. Prof. Madya Dr Che Fauziah bt. Ishak (Wakil UPM)  
Ir. P Jaya Chandar (Wakil Binaschedulers)  
Ir. Prof. Dr Suhaimi bin Abdul Talib  
Ir. Khew Swee Lian  
Ir. Fan Hong Poh  
Ir. Lee Heng Keng  
Ir. Choo Chee Ming  
Ir. Dr Yin Chun Yang  
Mr. Lee Seng Shern (Wakil ERM)  
Mr. Ng Hon Seng (Wakil ENSR – AECOM)  
Ir. Khoo Boon Keat (Wakil ERE)  
Mr. Nicholas Ng Tuan Hooi (Wakil ENVIRON Malaysia)  
Ms. Sheila Sharma (Wakil ENVIRON Malaysia)  
Ms. Tan Giok Hui or representative (Wakil GHD Perunding)

**JAWATANKUASA PENGELOLA**

**Persidangan “Malaysian Engineering Conference”**

**Pengerusi**

Ir. Oon Chee Kheng

**Setiausaha**

Ir. Shuhairy bin Norhisham

**Bendahari**

Ir. Ling Liong Lai

**Ahli- Ahli**

Ir. Awangku Hidup bin Awangku Hosain  
Ir. Yau Chau Fong  
Ir. Thin Choon Chai  
Ir. Dr Muhamad Fuad bin Abdullah  
Engr. Wong Yoke Mei

**JAWATANKUASA PENGELOLA**

**Persidangan Dan Pameran “Tunnelling And  
Trenchless Technology”**  
(Organising Committee on Tunnelling and Trenchless  
Technology Conference and Exhibition)

**Pengerusi**

Ir. Dr Ooi Teik Aun

**Setiausaha**

Ir. Dr Mohd Farid bin Ahmad

**Bendahari**

Ir. Ong Sang Woh

**Ahli-Ahli**

Ir. Andrew Yeow Pow Kwei  
Ir. Jagjeet Singh Sidhu  
Ir. Neo Boon Kheng  
Ir. David R. Parks  
Sdr. Tan Boon Kong  
Ir. Dennis Nga Diong Hin  
Ir. Chan Yee Yan  
Ir. Shank ar Sthipam s/o Santhirasthipam  
Ir. Stanley Low Soon Aik  
Er. Tang Sek Kwan (S'pore)

**JAWATANKUASA PENGELOLA**

**Persidangan Antarabangsa ‘Engineering Education’**  
(Organising Committee on International Conference on  
Engineering Education)

**Pengerusi**

Ir. Yim Hon Wa

**Timbalan Pengerusi**

Ir. Wong Siu Heng

**Setiausaha**

Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin  
Ir. Wong Wen Ho

**Penasihat**

Dato’ Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah  
Dato’ Academician Ir. Lee Yee Cheong  
Datuk Ir. Prof. Dr Ow Chee Sheng  
Ir. Choo Kok Beng

**Ahli-Ahli**

Ir. Gunasagaran a/l Kristnan  
Ir. Dr Philip Tan Chee Lin  
Ir. Mah Soo  
Ir. Prof. Madya Dr Law Chung Lim  
Ir. Dr Ooi Teik Aun  
Ir. Luk Chau Beng  
Ir. Prof. Madya Kartini binti Kamaruddin

**PASUKAN PETUGAS**

**Untuk Peperiksaan “Fundamentals Of Engineering”**  
(Task Force on Fundamentals of Engineering Examinations)

**Pengerusi**

Dato’ Ir. Prof. Dr Chuah Hean Teik

**Ahli-Ahli**

Ir. Yim Hon Wa  
Ir. Mah Soo  
Ir. Tu Yong Eng  
Ir. Prof. Dr Lee Teang Shui  
Ir. Dr Chung Boon Kuan  
Engr. Dr Yeoh Hak Koon  
Ir. Hj. Tunai Shamsidi bin Ahmad  
Ir. Lum Youk Lee  
Datuk Ir. Prof. Dr Ow Chee Sheng



**PASUKAN PETUGAS  
"IT INFRASTRUCTURE" DANA SSCD**  
*(Task Force on SSCDF IT Infrastructure)*

**Pengerusi**  
Ir. Ong Ching Loon

**Ahli-Ahli**  
Ir. Yau Chau Fong  
Ir. Abdul Fattah bin Mohamed Yatim  
Ir. Prof. Dr Lee Sze Wei  
Engr. Dr Hoh See Min

**JAWATANKUASA KO-ORDINASI  
Pasukan Bertindak**  
*(Position Paper Co-ordinating Committee)*

**Pengerusi**  
Dato' Ir. Prof. Dr Chuah Hean Teik

**Penasihat**  
Datuk Ir. Prof. Dr Ow Chee Sheng

**Ahli-Ahli**  
Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah  
Ir. Dr Gue See Sew  
Ir. Dr Ooi Teik Aun  
Ir. Mah Soo  
Ir. Chong Sun Fatt  
Ir. Yee Yew Weng  
Ir. Dr Ch'ng Guan Bee  
Ir. Luk Chau Beng/Ir. Tan Ban Loong  
Ir. Lalchand a/l Gulabrai  
Prof. Dr Show Kuan Yeow  
Dato' Ir. First Admiral Hj. Ahmad Murad bin Hj. Omar  
Ir. Dr Muhd. Noor bin Muhd. Yunus

**JAWATANKUASA PENGEMUDI  
Jawatankuasa Pengemudi bagi Pengawasan dan  
Penggunaan Dana SSCD**  
*(Steering Committee on Monitoring and Utilisation of the  
SSCD Fund)*

**Pengerusi**  
Dato' Ir. Prof. Dr Chuah Hean Teik

**Ahli-Ahli**  
Ir. Choo Kok Beng  
Ir. Yim Hon Wa  
Ir. Ong Ching Loon  
Ir. Tan Yean Chin  
Ir. Oon Chee Kheng

**PASUKAN PETUGAS  
"Outreach Programme Dana SSCD"**  
*(Task Force on SSCDF Outreach Programme)*

**Pengerusi**  
Ir. Choo Kok Beng

**Ahli-Ahli**  
Ir. Yim Hon Wa  
Ir. Rocky Wong Hon Thang  
Ir. M.C. Hee  
Ir. Gunasagaran a/l Kristnan  
Datuk Ir. Rosaline Ganendra

**PASUKAN BERTINDAK  
Untuk Isu Penyelengaran**  
*(Position Statement Committee on Maintenance Engineering)*

**Pengerusi**  
Ir. Luk Chau Beng

**Ahli-Ahli**  
Ir. Mah Soo  
Ir. Gunasagaran a/l Kristnan  
Ir. Yim Hon Wa  
Ir. Ong Ching Loon  
Ir. Lee Kok Chong  
Ir. Lum Youk Lee  
Ir. Boone Lim Boon Chye  
Ir. Noor Hisham bin Yahaya

**PASUKAN BERTINDAK  
Untuk Air Dan Alam Sekitar**  
*(Position Statement Committee on Water and Environment)*

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

**Ahli-Ahli**  
Ir. Lalchand a/l Gulabrai  
Ir. Oh Chin Wah  
Ir. Khew Swee Lian  
Engr. Zaki bin Zainuddin  
En. Azmi bin Md. Jafri

**PASUKAN BERTINDAK  
"EUROCODE EC7"**  
*(Position Paper Committee on Eurocode EC7)*

**Pengerusi**  
Ir. Yee Yew Weng

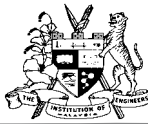
**Penasihat**  
Ir. Dr Ting Wen Hui

**Ahli-Ahli**  
Ir. Tan Yean Chin  
Ir. Dr Ooi Teik Aun  
Ir. Yee Thien Seng  
Ir. Liew Shaw Shong  
Ir. Dr Chan Sin Fatt  
Ir. Mun Kwai Peng  
Ir. Dr Chin Yaw Ming  
Ir. Sofiana Blakhis bt. Dato' Mohd. Talha

**PASUKAN BERTINDAK  
Isu Global, Alam Sekitar dan Perubahan Cuaca**  
*(Position Paper Committee on Global, Environment and  
Climate Change)*

**Pengerusi**  
Dr Show Kuan Yeow

**Ahli-Ahli**  
Ir. Tu Yong Eng  
Ir. Khew Swee Lian  
Ir. Prof Madya Dr Marlinda bt. Abdul Malek  
Mr Tan Chin Tong



**PASUKAN BERTINDAK**

**Hubungan Pengurusan Perunding Projek**

*(Position Paper on Relevance of Project Management Consultancy)*

**Pengerusi**

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

**Ahli-Ahli**

Ir. Frankie Chong Kwet Hin  
Ir. Rocky Wong Hon Thang  
Ir. Ahmad Aadri bin Abdul Hamid  
Ir. Dr Hj. Ahmad Zainal bin Abidin

**PASUKAN BERTINDAK**

**Isu Isu Berkaitan dengan Perawatan Udara Panas  
Untuk Pengurusan Sisa Buangan**

*(Position Paper Committee on Issues related to the use of Thermal Treatment for Waste Management)*

**Pengerusi**

Ir. Dr Muhd. Noor bin Muhd. Yunus

**Ahli-Ahli**

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

**PASUKAN BERTINDAK**

**Isu Menegenai Keberkesanan Tenaga**

*(Position Paper on Energy Efficiency)*

**Pengerusi**

Ir. Lalchand a/l Gulabrai

**Ahli-Ahli**

Ir. Ng Yong Kong  
Ir. Chew Shee Fuee  
Ir Mah Soo  
Ir. Sabirin bin Selamat  
Ir. Gurmit Singh (Wakil CETDEM)  
Ir. Nahwan bin Hj Abdullah (Wakil TNB)  
Ar Lee Bee Chew (Wakil JKR)  
Mr. Malcolm Pereira(Wakil Petronas)

**PASUKAN BERTINDAK ISU MENGENAI TEKNOLOGI HIJAU**

*(Position Paper on Green Technology)*

**Pengerusi**

Ir. Dr Ooi Teik Aun

**Ahli-Ahli**

Ir. Dr Tan Yean Guan  
Ir. Mah Soo  
Ir. Hooi Wing Chuen  
Datuk Ir. Prof. Dr Ow Chee Sheng  
Ir. Gunasagaran a/l Kristnan  
Ir. S. Kumar a/l S. Subramaniam  
Ir. Sam Tan Chek Siong  
Ir. Lalchand a/l Gulabrai  
Ir. Shahul Hameed bin Mydin

Puan Norjanah bt Mohid

En K Mothi

Cik Endang Jati Bt Mat Sahid

En Azizul bin Abdul Aziz

**JAWATANKUASA KHAS**

*Jawatankuasa Tenikal Mengenai "Gempa Bumi"*

**Pengerusi**

Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin

**Ahli-Ahli**

Ir. Quan Beng Teong  
Ir. M. C. Hee  
Ir. Lee Weng Onn  
Ir. Tu Yong Eng  
Ir. Mun Kwai Peng  
Ir. Wong Loo Min  
Ir. Lee Sing Pen  
Ir. Dr Ooi Teik Aun  
ir. Dr Ooi Heong Beng  
Dr Mohd Rosaidii bin Che Abas  
Prof. Madya Dr Azlan bin Adnan  
Ir. Dr Norhayati binti Abdul Hamid  
Ir. Dr Kamaludin bin Abdul Rashid  
Prof. Dr Azmi bin Ibrahim  
Ir. Dr Zuhairi bin Abdul Hamid  
Dr. Kamarudin bin Ab. Malek  
Ir. Prof. Madya Dr Taksiah bin Abdul Majid  
Ir. Prof. Madya Dr Low Kaw Sai  
Ar. Andy Gan Khai Fatt

**JAWATANKUASA ULASAN "PENGURUSAN ISO"**

*(IEM Management Review Committee for ISO)*

**Pengerusi**

Dato' Ir. Prof. Dr Chuah Hean Teik

**Timbalan Pengerusi**

Ir. Vincent Chen Kim Kieong

**Naib Pengerusi**

Ir. P.E. Chong  
Ir. M.C. Hee  
Ir. Choo Kok Beng  
Ir. Lee Weng Onn  
Ir. Oon Chee Kheng  
Ir. Yim Hon Wa  
Datuk Ir. Rosaline Ganendra

**Setiausaha Kehormat**

Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin

**Bendahari Kehormat**

Ir. Tan Yean Chin

**Ahli-Ahli**

Ir. Gunasagaran a/l Kristnan  
Ir. Ishak bin Abdul Rahman  
Ir. Ong Ching Loon  
Ir. Li Thang Fai  
Ir. Mohd. Aman bin Hj. Idris  
Ir. Mohd Khir bin Muhammad  
Ir. Prof. Dr Lee Teang Shui  
Ir. Prof. Dr Ruslan bin Hassan



## WAKIL-WAKIL DI BADAN LUAR

## IEM REPRESENTATIVES TO OUTSIDE BODIES

### TECHNICAL COMMITTEES

NO	ORGANISATION	COMMITTEES	IEM REPRESENTATIVE(S)	ATTEND	MONITORING. COMM
1	Association of Consulting Engineers, Malaysia (ACEM)	PCE Stake Holders Committee	Ir Assoc Prof Dr Jeffrey Chiang Choong Luin Ir Prof Dr Lee Teang Shui	2/2 18.11.09 09.12.09	Q & A
2	Board Of Engineers, Malaysia (BEM)	Accredited Checkers	Ir Mun Kwai Peng	0/0	Excomm
3	Board Of Engineers, Malaysia (BEM)	Application Committee	Ir Bahardin Baharom	0/0	Excomm
4	Board Of Engineers, Malaysia (BEM)	Engineering Accreditation Council: "Accreditation Decision Meeting"	Dato' Ir Abdul Rashid Maidin Ir Prof Ishak Abdul Rahman Ir Dr Ramlee Karim Ir Mohammed Ali Yussof Dato' Ir Lt Gen [B] Ismail Samion	1/1 29.01.09	Excomm
5	Board Of Engineers, Malaysia (BEM)	Engineers Act	Ir Yim Hon Wa	0/0	Excomm (PPC)
6	Board Of Engineers, Malaysia (BEM)	Jawatankuasa Amalan Ikhtisas (Professional Practice)	Ir Lee Weng Onn	0/0	Post Appointment PPC Chairman PPC Vice Chairman
7	Board Of Engineers, Malaysia (BEM)	Jawatankuasa Latihan & Pendidikan (T&E)	Ir Prof Dr Lee Teang Shui	0/0	Excomm
8	Board Of Engineers, Malaysia (BEM)	Jawatankuasa Penyelaras (Monitoring)	Ir Gue See Sew Ir Rocky Wong Hon Thang	0/0	Excomm
9	Board Of Engineers, Malaysia (BEM)	Jawatankuasa Peperiksaan & Kelayakan (E&Q)	Ir S Kukanesan	0/0	E & T
10	Board Of Engineers, Malaysia (BEM)	Jawatankuasa Scale of Fees	Ir Dr Ooi Teik Aun Previous: Datuk Ir Rosaline Ganendra	2/2 17.02.09 27.04.09	Excomm
11	Board Of Engineers, Malaysia (BEM)	Jawatankuasa Ad-Hoc Eurocode	Ir Yee Yew Weng	0/1 03.03.09	GETD
12	Board Of Engineers, Malaysia (BEM)	WG Classification of Engineering Consultancy Practices (ECPs)	Ir Dr Tan Yean Guan	0/0	PPC
13	Board Of Engineers, Malaysia (BEM)	WG Proposed Geologist Act	Ir Dr Ooi Teik Aun	0/0	PPC
14	Board Of Engineers, Malaysia (BEM)	Special Committee on Structural Safety	Ir MC Hee Ir Assoc Prof Dr Jeffrey Chiang Choong Luin (Alternate)	0/0	Excomm
15	Balai Ikhtisas Malaysia (BIM)	Adhoc Professional Services Day Committee	Datuk Ir Rosaline Ganendra	0/1 25.02.09 23.06.09	Welfare
16	Balai Ikhtisas Malaysia (BIM)	Board of Management (BOM)	Ir Yim Hon Wa Ir Choo Kok Beng Ir K Gunasagaran Ir Rocky Wong Hon Thang (Alternate)	3/5 04.03.09 06.05.09 25.07.09 15.10.09 17.12.09	Excomm
17	Balai Ikhtisas Malaysia (BIM)	Corporate Affairs Committee (CAC)	Dato' Ir Abdul Rashid Maidin Ir Rocky Wong Hon Thang	0/0	Appointment not by IEM
18	Balai Ikhtisas Malaysia (BIM)	Executive Committee (EXCO)	Dato' Ir Abdul Rashid Maidin Ir Choo Kok Beng	0/1 7/1/09	Appointment not by IEM – selected from BIM Board of Management
19	Balai Ikhtisas Malaysia (BIM)	Professional Issues Committee	Ir Lai Sze Ching	0/0 08.07.09	PPC
20	Balai Ikhtisas Malaysia (BIM)	Training and Education Fund Committee (TEFC)	Ir Choo Kok Beng	0/0	Appointment not by IEM
21	Building Industry Presidents' Council (BIPC)	Building Industry Presidents' Council	Ir Vincent Chen Kim Kieong Ir Assoc Prof Dr Jeffrey Chiang Choong Luin (Alternate)	1/2 19.05.09 23.06.09	Excomm Y.Bhg. Dato Ir. Prof Dr Chuah Hean Teik (Official Rep) Ir. Lee Weng Onn (Alt to Hon Sec)


**WAKIL-WAKIL DI BADAN LUAR**
**IEM REPRESENTATIVES TO OUTSIDE BODIES**

NO	ORGANISATION	COMMITTEES	IEM REPRESENTATIVE(S)	ATTEND	MONITORING. COMM
22	CNCA	SWO CNCA Technical Committee	Ir Hooi Wing Chuen	0/0 18.06.09	CSTD
23	Construction Industry Development Board Malaysia (CIDB)	Jawatankuasa OSH Bagi Standard on Occupational Safety & Health (OSH)	Ir K Gunasagaran	2/4 12.02.09 02.06.09 24.06.09 29.10.09	PPC
24	Construction Industry Development Board Malaysia (CIDB)	(OSH) Safety and Health Assessment System in Construction (SHASSIC)	Ir K Gunasagaran	0/1 12.02.09	PPC
25	Construction Industry Development Board Malaysia (CIDB)	Jawatankuasa Pembangunan Integriti Dalam Industri Pembinaan	Ir Rocky Wong Hon Thang	1/2 5.02.09 19.08.09	CA
26	Construction Industry Development Board Malaysia (CIDB)	Jawatankuasa Pengurusan Komponen IBS 2009/2010	Ir Hooi Wing Chuen	3/4 14.05.09 16.06.09 15.07.09 09.10.09	CSTD
27	Construction Industry Development Board Malaysia (CIDB)	Jawatankuasa Pembangunan Pelan Penguatkuasaan (Enforcement) Standard Malaysia Ke Atas Bahan-bahan Binaan	Ir Boone Lim	0/1 4.02.09	CSTD
28	Construction Industry Development Board Malaysia (CIDB)	Jawatankuasa Pembangunan Construction Industry Standard (CIS) on Quality Assessment System for Road Work	Ir Assoc Prof Adnan Zulkifle Ir K Gunasagaran	1/1 13.03.09 18.06.09	HETD
29	Construction Industry Development Board Malaysia (CIDB)	Steering Committee Member : CIPAA	Ir PE Chong	2/2 04.11.09 10.12.09	PPC
30	Construction Industry Development Board Malaysia (CIDB)	Industry Consultation : The Proposed Construction Industry Payment & Adjudication Act [CIPAA]	Ir PE Chong Ir K Gunasagaran Ir Oon Chee Kheng Ir Lai Sze Chong Ir Zafrul Mahmood	1/1 15.10.09	PPC
31	Construction Industry Development Board Malaysia (CIDB)	Isu & Modul "Clerk of Works" [COW]	Ir Dr Ooi Teik Aun Ir Tu Yong Eng Dato' Shamsudin Ismail (Alternate)	1/1 20.11.09(P) 04.12.09	CESIG
32	Construction Industry Development Board Malaysia (CIDB)	TC on Construction Practices	Ir Tu Yong Eng	0/0 18.02.09 29.07.09	CSTD
33	Confederation of Scientific and Technological Associations in Malaysia (COSTAM)	COSTAM Council	Ir Prof Dr Ruslan Hassan Ir Ishak Abdul Rahman	1/6 18.04.09 04.07.09 23.06.09(P) 30.06.09 01.08.09 (AGM) 31.10.09	Excomm
34	Confederation of Scientific and Technological Associations in Malaysia (COSTAM)	Steering Committee	Ir Prof Dr Ruslan Hassan	0/1 02.11.09	Excomm
35	Construction Research Institute of Malaysia (CREAM)	Board of Trustees	Ir Prof Dr Ruslan Hassan	1/1 31.03.09 10.08.09	Excomm
36	Construction Research Institute of Malaysia (CREAM)	[R&D] CREAM-UTM : Base for Bridges Including the Study of existing JKR Bridge bearing & the Development of New Spiral Hollow Base Isolators	Ir Assoc Prof Dr Jeffrey Chiang Choong Luin Ir MC Hee Ir Lee Sin Peng Ir Dr Low Kaw Sai	0/1 23.11.09	CSTD
37	Dewan Bandaraya Kuala Lumpur (DBKL)	Cadangan Pelan Kelulusan Kaunter bagi Tambahan Kecil dan Ubahsuaian untuk Rumah Teres, Berkembar dan Sesebuah di Kuala Lumpur	Ir K Gunasagaran	2/2 11.03.09 27.05.09	PPC


**WAKIL-WAKIL DI BADAN LUAR**
**IEM REPRESENTATIVES TO OUTSIDE BODIES**

NO	ORGANISATION	COMMITTEES	IEM REPRESENTATIVE(S)	ATTEND	MONITORING. COMM
38	Dewan Bandaraya Kuala Lumpur (DBKL)	Taklimat Mengenai Pusat Setempat (OSC)	Ir PE Chong		Excomm
39	EPU	Economic Council Focus Group on Strategies to Promote Growth of the Construction Sector No. 3-2009 – Preparation of Memorandum to Exco of Economic Council	Dato' Paduka Ir Hj Keizrul Abdullah Ir Tu Yong Eng	1/1 12.03.09 27.04.09	PPC
40	EPU	EPU Session on 10th Malaysia Plan [2011 -2015] for Captains of Industry	Ir Rocky Wong Hon Thang	1/1 10.11.09	IEM Pro-ETI Bureau
41	EAROPH	Malaysia Council Meeting	Ir Vincent Chen Kim Kieong Ir Assoc Prof Dr Jeffrey Chiang Choong Luin (Alternate)	3/6 20.02.09 05.05.09 11.06.09 29.07.09 07.08.09 10.12.09	Excomm - Official Rep: YBhg Dato Ir Prof Dr Chuah Hean Teik
42	FIABCI	Matters pertaining to the Valuer's Act	Ir Lee Weng Onn Ir PE Chong (Alternate)	0/0 01.07.09	Excomm
43	FRIM	The use of Timber in Construction (NCUTC)	Ir Lai Sze Ching Dr Low Kaw Sai	0/1 05.10.09	PPC
44	Jabatan Bomba Dan Penyelamat	Jawatankuasa Teknikal Pemasangan Keselamatan Kebakaran (Jet Fan System for Smoke Control System)	Ir Yim Hon Wa Ir Soong Peng Soon Ir Thin Choon Chai	1/2 29.06.09 06.10.09(P) 13.10.09	IEM Fire Board Advisory
45	Jabatan Kerajaan Tempatan (JKT)	Proses Kelulusan Pelan Bangunan dan Sijil Kelayakan Menduduki (CCC) Melalui Pusat Setempat (One-Stop Centre – OSC)	Ir Wong See Foong Ir Dr Wong Chin Chaw Ir TL Chen	1/2 13.02.09 02.04.09	UBBL
46	Jabatan & Keselamatan dan Kesihatan Pekerjaan Malaysia	Draf Occupational Safety And Health Master Plan for Malaysia 2015	Ir K Gunasagaran	1/1 10.03.09	PPC
47	JSM / DSM / Ministry of Science, Technology and Innovation (MOSTI)	Malaysian Electrotechnical National Committee [MyENC]	Ir V Jeewa Ir Mah Soo (Alternate)	1/2 03.08.09 13.11.09	EETD
48	JSM / DSM / Ministry of Science, Technology and Innovation (MOSTI)	Jawatankuasa Kebangsaan Standard (MyNSC)	Ir Choo Kok Beng	1/2 04.08.09 17.11.09	PPC
49	JSM / DSM / Ministry of Science, Technology and Innovation (MOSTI)	Technical WG : Specific Criteria (SC) under Skim Akreditasi Makmal Malaysia (SAMM) TWG 33: SC for Electrical Testing	Ir Mohd Azha Abu Samah	1/1 16.04.09	EETD
50	JSM / DSM / Ministry of Science, Technology and Innovation (MOSTI)	Jawatankuasa Teknikal Untuk "Statistical Methods" (ISO TC 69)	Ir Mohd. Rasid Osman Ir Tan Chee Fai (Alternate)	0/0 13 -19.06.09	Production TD
51	Jabatan Kerja Raya [JKR]	Jawatankuasa Semakan Borang Pengujian Dan Pentauliahan Sistem Penyaman Udara	Ir Tan Chio Bin Ir Daniel Lim Kim Chua (Alternate) Ir Lim Chean Fung (Alternate)		BSTD
52	Jabatan Kerja Raya [JKR]	Jawatankuasa Perantaraan Perindustrian Jalan (Road Industry Interfacing Committee)	Ir Assoc Prof Adnan Zulkiple Ir K Gunasagaran		HETD
53	Jabatan Pengairan dan Saliran Malaysia	Malaysian Storm Water Organisation (MSO) - Jawatankuasa Protem	Ir Chong Sun Fatt	0/1 08.10.09	WRD
54	Kementerian Sumber Manusia	Jawatankuasa Kesihatan Pekerjaan	Ir K Gunasagaran		PPC
55	Kementerian Sumber Manusia	Jawatankuasa KKP di Institusi Pendidikan	Dato' Ir Lt Gen [B] Ismail Samion		PPC
56	Kementerian Tenaga, Teknologi Hijau dan Air (KeTTHA)	Jawatankuasa Penilaian Teknikal Pelan Induk Kecekapan Tenaga Negara	Ir Dr Cheong Thiam Fook Dr Mohd Farid Ahmad	2/2 27.08.09 08.12.09	PPC
57	Kementerian Tenaga, Teknologi Hijau dan Air Malaysia (KETTTHA)	Jawatankuasa Teknikal Pelan Induk Kecekapan Tenaga Negara (Technical Review Committee)	Ir Dr Cheong Thiam Fook Ir Dr Mohd Farid Ahmad	1/1 11.08.09(P) 27.08.09	CESIG


**WAKIL-WAKIL DI BADAN LUAR**
**IEM REPRESENTATIVES TO OUTSIDE BODIES**

NO	ORGANISATION	COMMITTEES	IEM REPRESENTATIVE(S)	ATTEND	MONITORING. COMM
58	Kementerian Perumahan dan Kerajaan Tempatan (KPKT)	UBBL WG Bangunan	Ir Tu Yong Eng Ir Ong Sang Woh	1/1 09.04.09 20.04.09	UBBL
59	Kementerian Perumahan dan Kerajaan Tempatan (KPKT)	UBBL WG Kebommbaan Dan Pencegahan Kebakaran (Aktif)	Ir Thin Choon Chai Ir Wong See Foong (Alternate)	1/1 20.04.09 05.05.09 14.05.09 28.05.09 29.07.09	UBBL
60	Kementerian Perumahan dan Kerajaan Tempatan (KPKT)	UBBL WG Kebommbaan Dan Pencegahan Kebakaran (Pasif)	Ir David Ng Shui Yuen	0/0 07.04.09 26.05.09 23.06.09 03.07.09(P) 06.07.09 28.07.09	UBBL
61	Kementerian Perumahan dan Kerajaan Tempatan (KPKT)	UBBL WG Prosedur dan Proses Pengemukaan Pelan2 Untuk Diluluskan	Ir Tu Yong Eng Ir Ong Sang Woh	0/0 07.04.09 26.06.09 15.10.09	UBBL
62	Kementerian Perumahan dan Kerajaan Tempatan (KPKT)	UBBL WG Struktur	Ir. MC Hee Ir Assoc Prof Dr Jeffrey Chiang Choong Luin	3/3 27.04.09 18.05.09 22.06.09 14.08.09(P)	UBBL
63	Kementerian Perumahan dan Kerajaan Tempatan (KPKT)	UBBL Pembentangan Cadangan Pindaan Awal oleh 5 Kumpulan Kerja Penyelarasan	Ir Tu Yong Eng Ir Ong Sang Woh Ir David Ng Shui Yuen Ir. MC Hee Ir Assoc Prof Dr Jeffrey Chiang Choong Luin Ir Wong See Foong Ir Thin Choon Chai	1/1 29.04.09	UBBL
64	KTTHAM	Project Malaysia Building Integrated Photovoltaic Technology Application (MBIPV)	Ir TL Chen Ir Wong See Foong	0/2 05.05.09 13.08.09	PPC
65	Lembaga Getah Malaysia	Jawatankuasa Teknikal Engineering Products			CSTD BSTD METD
66	MBMB Bandaraya Melaka Bersejarah	Ahli Pertubuhan Dalam Mesyuarat Jawatankuasa Tetap	Ir Hj Mohammad Ariff Hj A Karim	1/7 29.01.09 29.04.09 25.05.09 22.06.09 24.07.09 25.08.09 23.11.09	Malacca Branch
67	MREPC	Rubber in Engineering	Ir Choo Kok Beng	0/0 12.05.09 18.08.09	Excomm
68	Majlis Perbandaran Kajang	Proposed Water Scheme From Existing Cheras High Level Reservoir to Existing Pumphouse; Bandar Sungai Long Cheras Selangor	Ir Ellias Saidin	1/1 17.03.09	WRD
69	Majlis Tenaga Malaysia (ST)	Energy Council of Malaysia			BSTD
70	Malaysia External Trade Development Corporation (MATRADE)	Meeting to Discuss on Services Sector Liberalization	Ir Rocky Wong Hon Thang	0/0 19.01.09	IEM Pro-ETI Bureau
71	Malaysia External Trade Development Corporation (MATRADE)	National Professional Services Export Council (NAPSEC)	Ir Rocky Wong Hon Thang (Lead) Dato Ir Rosaline Ganendra.	1/4 07.04.09 24.07.09 16.10.09 11.12.09	CA


**WAKIL-WAKIL DI BADAN LUAR**
**IEM REPRESENTATIVES TO OUTSIDE BODIES**

NO	ORGANISATION	COMMITTEES	IEM REPRESENTATIVE(S)	ATTEND	MONITORING. COMM
72	Malaysia External Trade Development Corporation (MATRADE)	MATRADE's Publication on Renewable Energy, Green Services & Technology	Ir Rocky Wong Hon Thang Ir Dr Philip Tan	1/1 30.07.09 10.08.09 24.08.09	IEM Pro-ETI Bureau
73	Malaysia External Trade Development Corporation (MATRADE)	Perbincangan Strategi Penggalakan Sektor Perkhidmatan Bagi Jawatankuasa Kerja Industri Perkhidmatan Pembinaan & Perkhidmatan Professional	Ir Rocky Wong Hon Thang	0/0 13.08.09	IEM Pro-ETI Bureau
74	Jabatan Meteorologi Malaysia (METMsia)	Jawatankuasa Antara Agensi-Agensi Mengenai Pengurusan Risiko Gempa Bumi dan Tsunami	Ir Liew Shaw Shong Ir Chua Hai Guan	0/3 08.01.09 06.08.09(P) 13.08.09 14.12.09	GETD
75	MICCI	Coalition of Services Industries Malaysia (CSIM)	Ir Rocky Wong Hon Thang Ir Choo Kok Beng	2/3 14.01.09 07.07.09 06.10.09	CA
76	MTIB	MTIB – Mesyuarat “Sub-committee: Timber Structures”	Ir Lai Sze Ching	1/1 2.03.09	PPC
77	Perbadanan Produktiviti Malaysia (MPC)	Panel Perunding Sektor Pembinaan	Ir Mohd. Mazlan Merican	1/2 07.05.09 15.12.09	
78	PMAM [BMAM]	Proposed Formation of Property Management Association of Malaysia (Building Management Association of Malaysia)	Ir Lee Weng Onn Ir Ng Yong Kong (Alternate PPC)	2/3 10.02.09 17.02.09 03.03.09 12.06.09 04.08.09	Excomm
79	Professional Services Development Corporation Sdn Bhd (PSDC)	Consultative Panel	Ir Rocky Wong Hon Thang Ir Frankie Chong	1/1 30.03.09 16.07.09(P) 20.07.09	IEM Pro-ETI Bureau
80	Professional Services Development Corporation Sdn Bhd (PSDC)	Focus Group : Business and Professional Services	Ir Rocky Wong Hon Thang Ir Satha A Maniam	1/1 26.10.09	IEM Pro-ETI Bureau
81	Professional Services Development Corporation Sdn Bhd (PSDC)	Malaysia Engineering & Technology Council (MyETC)	Ir Rocky Wong Hon Thang	1/1 24.02.09 13.07.09	IEM Pro-ETI Bureau
82	Road Engineering Association of Malaysia (REAM)	PIARC Malaysian National Committee	Ir Assoc Prof Adnan Zulkifle		HETD
83	SIRIM	Jawatankuasa Standard Perindustrian (JSP) Bagi Bangunan, Pembinaan dan Kejuruteraan Civil (ISC D). [Building Construction and Civil Engineering Industry Standard Committee	Ir. MC Hee Ir Li Thang Fai (Alternate) Ir Mun Kwai Peng (SWO)	1/2 12.05.09 05.11.09	CSTD
84	SIRIM	Jawatankuasa Standard Perindustrian Bagi Kejuruteraan Mekanikal (ISC F)	Ir Luk Chau Beng Ir Lum Youk Lee (Alternate)	0/2 05.05.09 10.11.09	METD
85	SIRIM	Jawatankuasa Standard Perindustrian Bagi IT, Telekomunikasi dan Multimedia (ISC G)	Ir Abdul Fattah Mohd Yatim	1/3 26.03.09 30.07.09 02.11.09	ITSIG
86	SIRIM	Jawatankuasa Standard Perindustrian Bagi Petroleum Dan Gas (ISC H)	Ir Runny Poh	0/2 26.05.09 16.11.09	OGTD
87	SIRIM	Jawatankuasa Standard Perindustrian Bagi Plastik dan Barangan Plastik (ISC J)	Ir Lai Ah Ying	1/2 18.06.09 11.11.09	Mfg TD
88	SIRIM	Industry Standards Committee on Fire Safety and Prevention (ISC M)	Ir Wong See Foong	0/1 18.08.09	PPC


**WAKIL-WAKIL DI BADAN LUAR**
**IEM REPRESENTATIVES TO OUTSIDE BODIES**

NO	ORGANISATION	COMMITTEES	IEM REPRESENTATIVE(S)	ATTEND	MONITORING. COMM
89	SIRIM	Organisational Management (ISC O)	Ir Endok Sempo M. Tahir Ir Teong Sian Yam	1/1 20.07.09	PMTD
90	SIRIM	Jawatankuasa Standard Perindustrian bagi Besi dan Keluli (ISC P)	Ir David Ng Shui Yuen	0/2 08.05.09 13.11.09	CSTD
91	SIRIM	Standard Perindustrian bagi Keselamatan Pekerjaan & Kesihatan (ISC W)	Ir Noor Hisham Yahaya	0/1 25.05.09	METD
92	SIRIM	ISC Y on Quality Management and Quality Assurance	Ir Hussein Rahmat	0/2 11.08.09 18.11.09	EneTD
93	SIRIM	Industry Standards Committee on Environmental Management (ISC Z)	Ir Khew Swee Lian	0/2 16.06.09 01.12.09	EneTD
94	SIRIM	WG on Accessibility for Disable Person	Ir Susie Wong Choon Yoong	0/0	METD
95	SIRIM	WG I on Code of Practice for use of Masonry (Methods for Specifying Precast Concrete Masonry Units)	Ir Teoh Teik Seng	1/5 15.05.09 18.06.09 31.07.09 26.08.09 18.11.09(P) 22.12.09	CSTD
96	SIRIM	WG II on Code of Practice for use of Masonry (Materials & Components, Design & Workmanship)	Ir Teoh Teik Seng	0/3 15.05.09 19.06.09 20.08.09	CSTD
97	SIRIM	WG on Data Exchange on Architectural Engineering Drawing [WG/D/18-1]	Ir David Ng Shiu Yuen	0/2 25.06.09 25.08.09	CSTD
98	SIRIM	WG on Design of Mosque	Ir Prof Dr Mohd Zamin Jumaat	0/0	CSTD
99	SIRIM	WG on Electrical Measuring Instruments and Their Accessories	Ir Mohd Azha Abu Samah Ir Mohd Redza		EETD
100	SIRIM	WG on Energy Efficiency and Conservation in Electrical Equipment	Ir Mah Soo Ir Lan Sing Yew (Alternate)		EETD
101	SIRIM	WG on Equipment Explosive Atmospheres	Ir Faridon Talib Ir Wong Choong Onn (Alternate)	0/1 11.02.09	EETD
102	SIRIM	WG on Fixed Aerosol Fire Extinguishing System	Ir Cha Hoong Kum Ir Amir Soffian Abd Razak (Alternate)		BSTD
103	SIRIM	WG on Functional Safety of Electrical / Electronic/ Programmable Electronic Safety - related systems	Ir Mah Soo	0/1 24.07.09	EETD
104	SIRIM	WG on MS for Grouting Works	Ir Mun Kwai Peng Ir Tan Ek Khai (Alternate)	0/2 29.06.09 10.08.09	GETD
105	SIRIM	WG on High Voltage Switchgear, Control Gear and Assemblies (HVSCA)	Ir Mah Soo Ir Goon Kid Seng (Alternate)	0/1 28.04.09	EETD SIRIM on 6th Jan 09 informed the WG will be put on recess.
106	SIRIM	WG on High Voltage Transmission	Ir Mah Soo Ir Goon Kid Seng (Alternate)	0/2 07.05.09 30.07.09	EETD
107	SIRIM	WG on Lighting (Interior)	Ir Lee Kok Chong	1/1	EETD
108	SIRIM	WG on Material Specifications (Nanotechnologies)	Ir Dr Cheong Thiam Fook	0/1 05.08.09	METD





NO	ORGANISATION	COMMITTEES	IEM REPRESENTATIVE(S)	ATTEND	MONITORING. COMM
109	SIRIM	WG on Metal Equipment for Falsework and Propping	Ir Prof Dr Mohd Zamin Jumaat Ir Tu Yong Eng (Alternate)	1/2 23.07.09 28.10.09	CSTD
110	SIRIM	WG on MS Thermoplastics Structured-Wall Pipes	Ir Gary Lim Eng Hwa	0/1 6.10.09	BSTD
111	SIRIM	WG on Portable Fire Extinguisher	Ir Cha Hoong Kum	0/2 24.02.09 11.08.09	BSTD
112	SIRIM	WG on Planning and Designing for Basement Parking Code of Practice (WG on Parking)	Ir Tan Chio Bin replaced for Ir Stephen Phang Chen Faut	1/4 28.07.09 25.08.09 20.10.09 25.11.09	BSTD
113	SIRIM	WG on Road Lighting	Ir Francis Xavier Jacob Ir Kok Yen Kwan	1/5 24.02.09 18.06.09 14.07.09 21.08.09 14.10.09	EETD
114	SIRIM	WG on Rotating Machinery	Ir Mah Soo Ir Mac Yew Teik Kuan	0/1 14.05.09	EETD
115	SIRIM	WG on Scheduled Waste	Ir Dr Yin Chun Yang Ir Raihani Che Mamat	0/0	EneTD
116	SIRIM	WG on Speed Hump	Ir Somasunthram Ir K Gunasagaran Ir Chin Wei Choong	0/1 28.12.09(P)	HETD
117	SIRIM	WG on Stationary Source Emissions		0/1 05.08.09	MfgTD
118	SIRIM	WG on Workplace Atmosphere & Indoor Air Quality.	Ir Khew Swee Lian Ir Fan Hong Poh	1/2 15.07.09 07.10.09	EneTD
119	SIRIM	WG on Water-Cooled and Air-Cooled Chillers	Ir. Soong Peng Soon Ir Chan Jian Wen	1/1 08.07.09	METD
120	SIRIM	WG on Work on Tunneling.	Ir Neo Boon Kheng	2/5 22.04.09 30.06.09(P) 08.07.09 04.11.09 19.11.09 10.12.09	Tunnelling
121	SIRIM	WG on MS 1183: Part 2: COP For Fire Precautions in the Design & Construction of Buildings – Shops	Ir David Ng Shui Yuen	0/0	CSTD
122	SIRIM	WG on MS 1183: Part 5: COP For Fire Precautions and Construction of Buildings – Firefighting Stairways and Lifts	Ir David Ng Shui Yuen	0/0	CSTD
123	SIRIM	WG on MS 1183: Part 8: COP For Fire Precautions in the Design and Construction of Buildings – COP For Means of Escape for Disable	Ir David Ng Shui Yuen	0/0	CSTD
124	SIRIM	WG 1 – Precast Concrete Pile	Ir Kenny Yee Kwong Sing	3/5 30.03.09 25.05.09 03.07.09 03.08.09 09.10.09	GETD



NO	ORGANISATION	COMMITTEES	IEM REPRESENTATIVE(S)	ATTEND	MONITORING. COMM
125	SIRIM	WG 2 Revision of MS 523 Part 2: 1993, Method of Specifying and Guidance for the Specifier	Ir Hooi Wing Chuen	1/1 02.12.09	CSTD
126	SIRIM	WG 8 Revision of MS 28: Part 1:1985, Method of Test For Water For Making Concrete	Ir Boone Lim	0/3 5.10.09 02.11.09 07.12.09	CSTD
127	SIRIM	WG 9 Specification of Aggregates from natural Sources for Concrete	Ir Boone Lim		CSTD
128	SIRIM	WG 9 Revision of MS 29	Ir Boone Lim	0/3 18.06.09 17.07.09 20.08.09	CSTD
129	SIRIM	TC on Air Quality	Ir Khew Swee Lian	0/1 26.05.09	EneTD
130	SIRIM	TC on Aluminium (TCA)	Ir Lum Peng Fatt	0/7 25.02.09 29.04.09 27.05.09(C) 24.06.09 28.07.09 19.08.09 20.10.09 18.11.09	CSTD
131	SIRIM	TC on Building Design & Construction	Ir David Ng Shiu Yuen	0/6 14.05.09 18.06.09 14.07.09 20.08.09 22.10.09 24.11.09	CSTD
132	SIRIM	TC on Bricks and Blocks	Ir Teoh Teik Seng	0/5 26.05.09 09.06.09(C) 23.06.09 27.07.09 27.08.09 30.10.09	CSTD
133	SIRIM	TC on Concrete & Concrete Products	Ir Boone Lim	1/3 17.03.09 13.08.09 15.10.09	CSTD
134	SIRIM	TC on Dependability	Ir Mah Soo Ir Lam Sing Yew	0/2 15.06.09 03.08.09	EETD
135	SIRIM	TC on Ergonomics	Ir Foong Choy Chye Ir Lim Beng Hian	0/1 24.08.09	
136	SIRIM	TC on Energy Management (ISO/CD 50001) (National Mirror on Energy Management)	Ir Santha Kumaran Ir Khew Swee Lian (Alternate)	0/2 13.08.09 08.09.09	EneTD
137	SIRIM	TC on Electromagnetic Field (TC EMF)	Ir Satha A Maniam Ir Hj Naim Mohamed Mohd Khalid (Alternate)	0/1 08.05.09	EETD
138	SIRIM	TC on Fasteners and Screw Threads	Ir Lai Ah Ying	1/2 27.02.09 15.10.09	MfgTD
139	SIRIM	TC on Geotechnical Works	Ir Yew Yew Weng	1/1 16.12.09	GETD



NO	ORGANISATION	COMMITTEES	IEM REPRESENTATIVE(S)	ATTEND	MONITORING. COMM
140	SIRIM	TC High Voltage Transmission	Ir Mah Soo	2/3 06.03.09 07.05.09 10.12.09	EETD
141	SIRIM	TC on Industry Standards Committees (ISCs)	Ir Mah Soo Ir Faridon Talib (Alternate)		EETD
142	SIRIM	TC on Lifting Devices	Ir N Jayaseelan	0/0	EETD
143	SIRIM	TC on Power Quality (TCPQ)	Ir Mah Soo Ir Lam Sing Yew	1/1	EETD
144	SIRIM	TC on Risk Management.	Ir Luk Chau Beng Ir Lum Youk Lee	0/1 03.07.09(P) 13.07.09	METD
145	SIRIM	TC on Software Engineering (TC/G/11)	Ir Aw Kong Koy	0/1 24.02.09	ITSIG
146	SIRIM	TC on Steel For Structural Purposes	Ir Tu Yong Eng Ir Teoh Teik Seng	0/3 28.04.09 22.07.09 02.12.09	CSTD
147	SIRIM	TC on Statistical Methods (TC 4)	Ir S Jagathisan replaced for Ir Mohd. Rasid Osman	0/1 21.05.09	Mfg TD
148	SIRIM	TC on Technical Drawing	Ir S Jagathisan Ir Teoh Teik Seng Ir Lai Ah Ying (Alternate)	4/5 21.05.09 11.06.09 13.08.09(P) 20.08.09 29.10.09 10.12.09	Mfg TD CSTD
149	SIRIM	TC on Testing, Sampling and Terminology of Iron and Steel	Ir David Ng Shiu Yuen	0/1 3.03.09	CSTD
150	SIRIM	Low Voltage Transformer and Storage of Electrical Energy (formally known as ~ TC on Generation, Conversion, Transformation and Storage of Electrical Energy)	Ir Mac Yew Teik Kuan Ir Goon Kid Seng Ir Kok Yen Kwan as alternate to Ir Mac Yew Teik Kuan	1/1 16.03.09	EETD
		Low Voltage Transformer and Storage of Electrical Energy ( WG on Road Lighting )		1/1 21.08.09	
151	SIRIM	National Mirror Committee on Social Responsibility	Ir Balamuralithara Balakrishnan Ir Hussein Rahmat	1/1 16.12.09	EedTD
152	SPAN	Pengiktirafan 'Orang yang Berkelayakan' (Qualified Person) di Bawah Akta Industri Perkhidmatan Air (IPA 2006) – Mesyuarat Jawatankuasa Kecil Pengiktirafan Orang Yang Berkelayakan Bil. 4 (3/2009)	Ir Wong See Foong	1/1 6.03.09	PPC
153	SPAN	Taklimat Mengenai Penggunaan Standard Paip & Specials Jenis Keluli	Ir Lai Sze Ching	1/1 23.03.09	PPC
154	Suruhanjaya Tenaga	Panel Perunding Tenaga	Ir Faridon Talib Ir Mah Soo Ir Yusouf Ahmad (Alternate)	0/1 23.02.09(P) 19.08.09	EETD
155	The Electrical & Electronics Association of Malaysia (TEEAM)	International Commission on Illumination (CIE) National Committee	Ir Mah Soo		EETD


**CONFERENCES, SEMINARS, ADHOC COMMITTEE AND SPECIAL MEETING**

NO	ORGANISATION	COMMITTEES	IEM REPRESENTATIVE(S)	ATTEND	MONITORING. COMM
1	Academy of Sciences Malaysia (ASM)	Mahathir Science Award Steering Committee Meeting	Dato' Paduka Ir Hj Keizrul Abdullah Dato Ir Prof Dr Chuah Hean Teik	0/1 12.05.09	Award
2	Academy of Sciences Malaysia (ASM)	Inaugural Lecture: High Temperature Superconductors: Materials, Mechanisms & Applications	Ir Assoc Prof Dr Jeffrey Chiang Choong Luin	0/1 31.10.09	CSTD
3	Academy of Sciences Malaysia (ASM)	ASM Inaugural Lecture - Water & Climate Change	Ir Chong Sun Fatt Ir Ellias Saidin	1/1 18.11.09	WRTD
4	ACCCIM	Joint Memo of Appeal to the Government of Malaysia not to reinstate the Real Property Gain Tax (RPGT) from 1 Jan 2010	Dato Ir Prof Dr Chuah Hean Teik Engr CP Liew (Alternate)	1/1 26.11.09	Excomm
5	ASLI	Green Technology & Innovation 2009	Ir Dr Cheong Thiam Fook Ir Soong Peng Soon	1/1 26.11.09	METD
6	BEM EAC	Perasmian 'Conference on Malaysia-France Engineering Education - Prerequisite to Formation of Engineers'	Dato' Ir Hj Rashid Maidin	0/1 18.02.09 19.02.09	PPC
7	Board Of Engineers, Malaysia (BEM)	Jawatankuasa Penganjur dan Penceramah Seminar "Safe Hill-Site Development" Anjuran Lembaga Jurutera Malaysia	Ir Yee Yew Weng	1/1 05.02.09	GETD
8	Balai Ikhtisas Malaysia (BIM)	Malaysian Services Providers Confederation (MSPC) for the Services and Logistic Sector: Protem Committee Meeting	Ir Rocky Wong Hon Thang Ir Choo Kok Beng	1/4 02.06.09 07.07.09 18.11.09 21.11.09	PPC
9	BIPC	Dialogue with MBAM members on Issues Concerning The Construction Industry – Stamp Duty Issues	Ir Lai Sze Ching	1/1 05.06.09	PPC President Hon Sec (Alt)
10	BRE Global	BRE Global , ACEM, PAM & IEM	Fire Advisory Board Committee	1/1 30.11.09	
11	British High Commissioner	Building Green UK Expertise in Green Building Technology	Ir Lum Youk Lee	0/1 20.10.09	
12	C & CA	Get Together 2009	Ir Hooi Wing Chuen	13.08.09	CSTD
13	Construction Industry Development Board Malaysia (CIDB)	15th Asia Construct Conference 2009	Dato Ir Prof Dr Chuah Hean Teik	0/1 19.10.09	Excomm
14	Construction Industry Development Board Malaysia (CIDB)	Bengkel Pembangunan Modul Latihan Personel Binaan – Bidang IBS Precast Concrete Level 1 dan 2	Ir K Gunasagaran	2/2 19-23.02.09	PPC
15	Construction Industry Development Board Malaysia (CIDB)	Special Discussion on the Establishment of the Msian Construction Industry Court	Ir. Lai Sze Ching Ir Zafrul Mahmood	1/1 04.11.09	DRP
16	Construction Industry Development Board Malaysia (CIDB)	Industry Consultation on the Proposed Construction Industry Payment and Adjudication Act in Southern Regions (CIPAA)	Ir PE Chong	0/0 14.08.09	PPC
17	Construction Industry Development Board Malaysia (CIDB)	Industry Consultation on the Proposed Construction Industry Payment and Adjudication Act in Sabah Regions (CIPAA)		0/1 17.08.09(P) 20.08.09	PPC
18	Construction Industry Development Board Malaysia (CIDB)	Industry Consultation on the Proposed Construction Industry Payment and Adjudication Act in Sarawak Regions (CIPAA)		0/1 18.08.09(P) 19.08.09	PPC
19	Construction Industry Development Board Malaysia (CIDB)	Industry Consultation on the Proposed Construction Industry Payment and Adjudication Act in Eastern Regions (CIPAA)		0/1 20.08.09(P)	PPC
20	Construction Industry Development Board Malaysia (CIDB)	National Construction Cost Centre	Nil	0/1 10-12.07.09	CSTD
21	Construction Industry Development Board Malaysia (CIDB)	Seminar on Asset and Facility Management – Sharing of Experience	Ir Gary Lim Eng Hwa	0/1 09.06.09	BSTD



NO	ORGANISATION	COMMITTEES	IEM REPRESENTATIVE(S)	ATTEND	MONITORING. COMM
22	Construction Industry Development Board Malaysia (CIDB)	Technical Visit : Building Department of Hong Kong	Ir Tu Yong Eng	0/1 09-12.11.09	CSTD
23	Construction Industry Development Board Malaysia (CIDB)	R & D Forum : Bridging the Gap between the Construction Industry Stakeholders and Researchers (University/Academia)	Ir Hooi Wing Chuen	1/1 02.07.09	CSTD
24	Construction Industry Development Board Malaysia (CIDB)	Perlaksanaan Program Quality Assessment System in Construction (QLASSIC)	Ir Boone Lim	0/2 09.06.09 01.12.09	CSTD
25	Construction Industry Development Board Malaysia (CIDB)	Seminar Integriti Industri Pembinaan Malaysia 2009	Nil	0/1 11.06.09	CSTD
26	Construction Industry Development Board Malaysia (CIDB)	Malaysian Construction Industry Excellence Awards Nite 2009 (MCIEA 2009)	Ir Assoc Prof Dr Jeffrey Chiang Choong Luin	0/1 16.12.09	CSTD
27	CSIM	1st Malaysian International Services Summit 2010	Ir Rocky Wong Hon Thang Ir Choo Kok Beng	0/1 21.12.09	CA
28	Construction Research Institute of Malaysia (CREAM)	Bengkel R&D Sistem Binaan Berindustri (IBS)	Ir Hooi Wing Chuen	1/1 29.07.09	CSTD
29	Construction Research Institute of Malaysia (CREAM)	2nd Roundtable Industrialised Building System [IBS]	Ir Hooi Wing Chuen Ir Teoh Teik Seng Ir Lee Kee Bau	0/1 02.11.09	CSTD
30	Confederation of Scientific and Technological Associations in Malaysia (COSTAM)	COSTAM / ASM Dialogue	Ir Prof Dr Ruslan Hassan Ir Ishak Abdul Rahman	1/1 26.11.09	Excomm
31	Confederation of Scientific and Technological Associations in Malaysia (COSTAM)	Malaysia Science & Technology Congress & Enviro Asia 2010	Ir Prof Dr Ruslan Hassan	0/1 28.10.09	Excomm
32	Dewan Bandaraya Kuala Lumpur (DBKL)	Sessi Perbincangan Jabatan Perancang Bandar [JPRB] bersama Badan Professional	Ir K Gunasagaran	1/1 18.11.09	PPC
33	DSM	Perbincangan Berkenaan Draf Eurocode EC2 dan Isu-Isu Yang Berkaitan	Ir MC Hee Ir Assoc Prof Dr Jeffrey Chiang Choong Luin Ir Mun Kwai Peng	0/1 27.05.09	SWO
34	EU	Grant	Ir Cheang Kok Meng Ir Prof Dr Lee Sze Wei	1/1 18.06.09	CA
35	Earoph	World Habitat Day 2009 Committee	Ir Khew Swee Lin	1/3 19.08.09 17.09.09 08.10.09	EneTD
36	FIABCI-Malaysia	Speaker for PPK Malaysia Seminar 2009 on The Time Bomb Returns - Benchmarking Management Cost	Dato Ir Prof Dr Chuah Hean Teik Ir Ong Ching Loon	0/1 30.11.09	Excomm
37	FIABCI-Malaysia	Malaysia Property Award 2009	Dato Ir Prof Dr Chuah Hean Teik Ir Lum Youk Lee	1/1 16.11.09	Excomm
38	FMM	Malaysia - Finland Business Networking	Ir Rocky Wong Ir Choo Kok Beng	0/1 20.11.09	
39	FMM PPSG	Dialogue on PVC Piping System Industry	Ir K Gunasagaran Ir Juares Rizal Ir AH Ung	0/1 19.02.09	President Hon Sec (Alt)
40	GBI Sdn Bhd	The Development of the Township Rating Tool	Ir Chan Jian Wen	1/1 09.10.09	
41	GBI Sdn Bhd	GBI Constructive Panel (GBICP) Lunch	Dato Ir Prof Dr Chuah Hean Teik Ir Vincent Chen Kim Kieong	1/1 16.11.09	Excomm
42	IIUM	Speaker for Kulliyah's Seminar Course	Ir Dr Mahmood Fuad Abdullah	1/1 16.10.09	
43	IEM	Launching of Engineering Week	Dato' Paduka Ir Hj Keizrul Abdullah	1/1 20.04.09	Welfare

**WAKIL-WAKIL DI BADAN LUAR****IEM REPRESENTATIVES TO OUTSIDE BODIES**

<b>NO</b>	<b>ORGANISATION</b>	<b>COMMITTEES</b>	<b>IEM REPRESENTATIVE(S)</b>	<b>ATTEND</b>	<b>MONITORING. COMM</b>
44	IKRAM	QA Certification Advisory Committee (CAC)	Ir Lai Sze Ching	1/1 05.05.09	PPC (2 years Term)
45	Jabatan Landskap Negara	Pembentukan Garis Panduan Pemuliharaan Bekas Tapak Pelupusan Sisa Pepejal Taman Awam 2009	Ir Tang Boon Heng	1/2 13-15.07.09 28.12.09	EneTD
46	Jabatan Alam Sekitar	Cadangan Pindaan Protokol Montreal berkaitan Penghapusan Penggunaan HFC	Ir Khew Swee Lin	1/1 22.10.09	EneTD
47	Jabatan Alam Sekitar	Cadangan "Soil Screening Levels" Sebagai Kriteria Dan Standard Penilaian, Pengurusan Dan Kawalan Tanah Tercemar Di Malaysia	Ir Choo Chee Ming	0/1 29.07.09(P) 11.08.09	EneTD
48	Jabatan Bomba dan Penyelamat	Majlis Dialog Teknikal; Jabatan Bomba Dan Penyelamat, Wilayah Persekutuan Kuala Lumpur bersama Pihak Profesional (IFEM, IEM, ACEM & PAM)	Ir Thin Choon Chai	1/1 18.03.09	IEM Fire Board Advisory
49	Jabatan Bomba dan Penyelamat	Jabatan Bomba Dan Penyelamat – Penganjuran Sessi Perjumpaan/Dialog Dengan Pelanggan Jabatan (Arkitek dan Jurutera Perunding)	Ir Wong See Foong	1/1 24.03.09	IEM Fire Board Advisory
50	Jabatan Perancang Bandar dan Desa Negeri Selangor	Draft Garis Panduan Perancangan & Pembangunan Kawasan Tanah Tinggi & Lereng Bukit Negeri Selangor	Ir Yee Yew Weng	0/1 07.11.09	GETD
51	Jabatan Peguam Negara (Attorney General's Chambers Malaysia)	Pindaan Akta Had Masa (Limitation Act) [AKTA 254]	Ir PE Chong Ir Lai Sze Ching	0/1 04.06.09	PPC
52	Jabatan Kerja Raya [JKR]	Jawatankuasa Penyiasat Runtuhan Bumbung Stadium Sultan Mizan Zainal Abidin, Kuala Terengganu	Ir Tan Yean Chin Ir MC Hee	0/1 19.06.09 25.06.09 16.07.09(P) 17.07.09	Excomm
53	Jabatan Kerja Raya [JKR]	Garis panduan Rekabentuk Cerun	Ir Lee Eng Choy	0/1 14.07.09	GETD
54	Jabatan Kerja Raya [JKR]	Maklumbalas Akhir Bagi Malaysia's Second Revised Offer Untuk Rundingan DOHA Di Bawah WTO	Ir Rocky Wong Hon Thang	0/1 31.07.09	IEM Pro-ETI Bureau
55	Jabatan Perdana Menteri	Briefing on Business Electronic Support System (BLESS)	Dato' Ir Lt Gen [B] Ismail Samion	1/1 11.08.09	PPC
56	Jabatan Meteorologi Malaysia	Forum Kajian Bahaya Dan Risiko Gempa Bumi Di Malaysia	Ir Assoc Prof Dr Jeffrey Chiang Choong Luin	1/1 29.09.09	President
57	Kementerian Pengajian Tinggi Malaysia (MOHE)	Majlis Rundingan Akademia-Industri	Dato Ir Prof Dr Chuah Hean Teik	0/1 04.08.09	President
58	Kementerian Pengajian Tinggi Malaysia (MOHE)	An Exploratory Study of a Potential Framework for Mutual Recognition Agreement [MRA] Workshop	Dato Ir Prof Dr Chuah Hean Teik Ir Mohamed Ali Yusoff	1/1 13.10.09	President
59	Kementerian Pengajian Tinggi Malaysia (MOHE)	National Dialogue 2009	Ir Yim Hon Wa	0/1 06.10.09	President
60	Kementerian Tenaga, Teknologi Hijau dan Air (KeTTHA)	Bengkel Teknologi Hijau	Ir Gary Lim	1/1 28.04.09	BSTD
61	Kementerian Tenaga, Teknologi Hijau dan Air (KeTTHA)	Forum Konsultasi Kumpulan Perundangan Teknologi Hijau	Ir Dr Cheong Thiam Fook Ir Soong Peng Soon	1/1 16.11.09	METD
62	Kementerian Tenaga, Teknologi Hijau dan Air (KeTTHA)	Consultative Forum with Stakeholders on Green Technology	Ir Dr Cheong Thiam Fook Ir Soong Peng Soon (Alternate)	1/1 20–21.10.09	METD
63	Kementerian Tenaga, Teknologi Hijau dan Air (KeTTHA)	"Fungsi Agensi - Agensi Berkaitan Sektor Pembentukan"	Ir Chong Sun Fatt	0/1 17.12.09	WRD
64	Kementerian Tenaga, Teknologi Hijau dan Air (KeTTHA)	2nd National Photovoltaic 2009	Ir Dr Cheong Thiam Fook	0/1 17.11.09	METD
65	Kementerian Tenaga, Teknologi Hijau dan Air (KeTTHA)	IGEM 2010	Ir Dr Cheong Thiam Fook	1/1 26.11.09	METD


**WAKIL-WAKIL DI BADAN LUAR**
**IEM REPRESENTATIVES TO OUTSIDE BODIES**

NO	ORGANISATION	COMMITTEES	IEM REPRESENTATIVE(S)	ATTEND	MONITORING. COMM
66	Kementerian Perumahan dan Kerajaan Tempatan (KPKT)	Jawatankuasa Induk Penyiasatan Keruntuhan Bangunan	Ir Lee Weng Onn Ir Vincent Chen	0/5 09.06.09 16.06.09 28.07.09 18.08.09 26.08.09	Excomm
67	Kementerian Perumahan dan Kerajaan Tempatan (KPKT)	Jawatankuasa Kecil (Teknikal) Penyiasatan Keruntuhan Bangunan Jaya Supermarket	Ir Lee Weng Onn Ir Vincent Chen Kim Kieong	0/5 18.06.09(P) 19.06.09 29.06.09 06.07.09 13.07.09 13.08.09	Excomm
68	Kementerian Perumahan dan Kerajaan Tempatan (KPKT)	Jawatankuasa Kecil (Pematuhan) Penyiasatan Keruntuhan Bangunan Jaya Supermarket	Ir PE Chong Ir Tu Yong Eng	1/2 30.06.09 10.07.09	Excomm
69	Kementerian Perumahan dan Kerajaan Tempatan (KPKT)	Dasar Perbandaran Negara (DPN) Taklimat Pemahaman DPN Kepada Semua Badan Professional	Ir Lim Chean Fung Ir Soong Peng Soon Ir Cha Hoong Kum	1/1 15.07.09	All TD BSTD METD
70	Kementerian Perumahan dan Kerajaan Tempatan (KPKT)	Keputusan Mesyuarat Jawatankuasa Tetap Biro Pengaduan Awam Berkaitan Cadangan Penyelesaian Pembinaan Utility: Mini Feeder Pillar Tenaga Nasional Berhad (TNB) dan Tangki Septik Indah Water Konsortium (IWK) di Kawasana Taman Perumahan dan Kedai	Nil	25.06.09	PPC
71	Kementerian Perumahan dan Kerajaan Tempatan (KPKT)	Majlis Penghargaan JPKBJS	Ir Assoc Prof Dr Jeffrey Chiang Choong Luin	1/1 15.12.09	CSTD
72	Kerajaan Negeri Selangor	PEMUDAH	Dato' Ir Lt Gen [B] Ismail Samion	1/5 14.05.09 25.06.09 31.07.09(P) 14.08.09 30.10.09	PPC
73	MARDI	Jawatankuasa Induk "National Conference on Agricultural & Food Mechanization 2009"	Ir Ayob Sukra	2/2 5.02.09 5.03.09	Agricultural & Food TD
74	Malaysia External Trade Development Corporation (MATRADE)	Discuss on Services Sector Liberalization	Ir Rocky Wong Hon Thang	0/1 16.01.09	IEM Pro-ETI Bureau
75	Majlis Bandaraya Petaling Jaya	Hari OKU Sedunia 2009 Peringkat MBPJ	Dato Ir Prof Dr Chuah Hean Teik	0/1 03.12.09	President
76	MHS	Technical Talk 2009: Storm Water Management Practices for Hillside Development in Malaysia	Ir K Gunasagaran	0/1 27.02.09	PPC
77	Ministry of International Trade and Industry Malaysia (MITI)	Dialogue 2009	Ir Assoc Prof Dr Jeffrey Chiang Choong Luin	0/1 28.07.09	President Hon Sec (Alt)
78	Ministry of International Trade and Industry Malaysia (MITI)	Opening Ceremony of Showcase SDSI 2009	Dato Ir Prof Dr Chuah Hean Teik Ir Hj Mohammad Ariff Hj A Karim (Alternate)	1/1 11.12.09	President
79	Ministry of Science, Technology and Innovation (MOSTI)	Perbincangan Kumpulan Fokus Bagi MSC Malaysia	Ir Abdul Fattah Mohamed Yatim	0/1 23.02.09	ITSIG
80	Ministry of Science, Technology and Innovation (MOSTI)	Seminar Program Pembangunan Satelit	Ir Abdul Fattah Mohamed Yatim	0/1 20.10.09	ITSIG
81	Ministry of Science, Technology and Innovation (MOSTI)	Jawatankuasa Kecil Mengenai System Aspects [IEC/SC65A]	Ir Mah Soo	0/1 03.11.09	EETD
82	Ministry of Science, Technology and Innovation (MOSTI)	Perlantikan Ahli Jawatankuasa bagi 6th i-CIPEC - W2W 2010	Ir Khew Swee Lin Ir KT Lim	1/1 12.11.09	EneTD
83	Ministry of Science, Technology and Innovation (MOSTI)	3rd National on Public Information on Nuclear Energy [PINE 3]	Ir Mah Soo	1/1 09.11.09	EETD
84	Ministry of Science, Technology and Innovation (MOSTI)	Technical Committee - ISO/PC 242 on Energy Management	Ir Khew Swee Lian Ir Santha Kumaran	0/1 16-19.11.09	


**WAKIL-WAKIL DI BADAN LUAR**
**IEM REPRESENTATIVES TO OUTSIDE BODIES**

NO	ORGANISATION	COMMITTEES	IEM REPRESENTATIVE(S)	ATTEND	MONITORING. COMM
85	Malaysian Nature Society	Water Demand Management (WDM)	Ir Zaki Zainudin	1/4 11.04.09 08.05.09 05.06.09 20.06.09 AGM	WRTD
86	MAMPU	Misian Government Open Source Software [MYGOSSCON] 2009	Ir Abdul Fattah Mohamed Yatim Ir Tan Seng Khoon	1/1 05-06.11.09	ITSIG
87	MASHRAE	MASHRAE 24th Annual Dinner	Dato Ir Prof Dr Chuah Hean Teik Ir Yim Hon Wa	1/1 23.10.09	Excomm
88	Master Builders Association Malaysia (MBAM)	2nd Malaysian Construction Summit 2009	Ir Assoc Prof Dr Jeffrey Chiang Choong Luin Ir Rocky Wong Hon Thang	1/1 10.11.09	IEM Pro-ETI Bureau
89	Malaysia Energy Centre (PTM)	Panel Penasihat Teknikal Bagi Program Latihan Sistem Solar Fotovoltaik (PV) di Malaysia	Nil	0/1 26.05.09	WRTD EETD BSTD
90	Malaysian Timber Council (MTC)	HI - TEA Session with The Malaysian Timber Council	Dato' Paduka Ir Hj Keizrul Abdullah Ir Foo Jong Wee	1/1 27.10.09	President
91	MTSF	The 16th MTSF Prize Presentation Ceremony	Dato Ir Prof Dr Chuah Hean Teik	1/1 15.12.09	President
92	Malaysia Timber Industry Board (MTIB)	Jawatankuasa Pemandu Projek Program Kesedaran IBS untuk Usahawan Bumiputera Sektor Perakayuan	Ir K Gunasagaran	1/1 02.06.09	PPC
93	Malaysia Timber Industry Board (MTIB)	Bengkel Penyediaan Manual IBS	Ir K Gunasagaran replaced for Ir Dr Chew Chong Key	1/2 08-10.06.09 31.07- 02.08.09(P) 11-13.09.09 21-24.12.09 (P)	A & F TD
94	MONASH University	Guest Speaker: Talk - Engineering Training	Ir Assoc Prof Dr Jeffrey Chiang Choong Luin	1/1 19.12.09	CSTD
95	Penjana Bebas	Annual Dinner Event	Ir Oon Chee Kheng Ir Mah Soo Ir Tan Yean Chin Ir K Gunasagaran Ir KC Lee Ir Faridon	1/1 20.11.09	Excomm
96	Perbadanan Produktiviti Malaysia (MPC)	Utilities Advisory Committee Meeting	Ir Dr Philip Tan	1/1 21.07.09	METD
97	Perbadanan Produktiviti Malaysia (MPC)	Roundtable Discussion WG on Efficiency Issues (WGEI)	Dato' Ir Lt Gen [B] Ismail Samion	0/1 06.05.09	PPC
98	Perdana Leadership Foundation	Panelist for the Industry Insights Seminar	Ir Dr Phillip Tan	0/1 20.08.09	PPC METD
99	Perbadanan Produktiviti Malaysia (MPC)	Conference on Competitiveness: Enhancing Competitiveness Through Creativity and Innovation	Ir Choo Kok Beng	0/1 10.08.09	Excomm
100	PTM - IEA PVPS	Workshop	Ir Wong See Foong Ir Chen Thiam Loong	1/1 2.03.09	
101	Professional Services Development Corporation Sdn Bhd (PSSDC)	Seminar in Liberalization of the Malaysian Professional Services Sector	Ir Rocky Wong Hon Thang	1/1 14.05.09	IEM Pro-ETI Bureau
102	Professional Services Development Corporation Sdn Bhd (PSSDC)	Actions of the Coordinating Committee on Services (CCS) under Business Services Sectorial WG	Ir Rocky Wong Hon Thang	0/1 17.12.09	IEM Pro-ETI Bureau
103	Perbadanan Putrajaya	Publisiti dan Pameran Awam bagi Penyediaan Pemajuan Putrajaya (Rancangan/Struktur Tempatan)	Ir Zaki Zainudin	1/1 09.07.09	WRTD



**WAKIL-WAKIL DI BADAN LUAR****IEM REPRESENTATIVES TO OUTSIDE BODIES**

<b>NO</b>	<b>ORGANISATION</b>	<b>COMMITTEES</b>	<b>IEM REPRESENTATIVE(S)</b>	<b>ATTEND</b>	<b>COMMITTEE</b>
104	Royal Danish Embassy	Malaysian - Danish Green Technology & COP 15	Ir Dr Cheong Thiam Fook	1/1 19.11.09	METD
105	SIRIM	Sesi Konsultasi Bagi Membincangkan Penglibatan Malaysia dalam Technical Committee (ISO/TC 223) Societal Security	Ir Endok Sempo M Tahir	1/1 23.06.09	PMTD
106	SIRIM	WG - Draft - Measurement for Performance Stds in Building - Definition & Calculation of Area & Space Indicators	Ir Assoc Prof Dr Jeffrey Chiang Choong Luin Ir Tu Yong Eng	0/1 19.09.10	CSTD
107	SIRIM	TC - Anugerah Kecermelangan Produk 2009	Ir K Gunasagaran	1/2 14.10.09 02.12.09	PPC
108	SIRIM	Support to Panels Seminar MS 825 : Code of Practice - Design of Road Lighting	Ir Kok Yen Kwan	0/1 20.10.09	
109	SIRIM	ISC P Workshop	Ir David Ng Shui Yuen	1/1 22-23.06.09	CSTD
110	Suruhanjaya Syarikat Malaysia (CCM)	Rountable Discussion on Limited Liability Partnership Bill	Nil	0/1 12-13.05.09	PPC CA Excomm Council
111	Sambutan Hari Air Sedunia 2009	Jemputan Sebagai Ahli Panel Penilai Pertandingan Loji-loji Pembersihan Air Puncak Niaga Sempena Hari Terbuka Loji	Ir Ellias Saidin Ir Dr Marlinda Ir Prof Madya Dr Aminuddin	3/3 26.03.09 27.03.09 28.03.09	WRD
112	SPAN	Bengkel Merancang untuk Menampung Permintaan Bekalan Air bg Negeri Sleangor, Wilayah Persekutuan Kuala Lumpur dan Putrajaya Bg Jangka Masa Pendek 2009 – 2014	Ir Lai Sze Ching Ir Wong See Foong	1/1 19.01.09	PPC
113	SPAN	Mesyuarat Bersama Pembekal / Pengilang Pemasang Sanitari	Ir Gary Lim Eng Hwa	0/1 23.07.09	PPC All TDs
114	SPAN	Jawatankuasa Kecil Pengiktirafan Orang Yang Berkelayakan (Qualified Person)	Ir Lai Sze Ching Ir Wong See Foong	3/3 14.01.09 10.02.09 09.04.09	PPC
115	SPAN	Kaedah Bekalan Air yg Baru dan Peraturan Baru Fi dan Caj	Ir Lai Sze Ching	1/1 20.01.09	PPC
116	Suruhanjaya Tenaga (ST)	Sesi Penerangan Peraturan Pengurusan Tenaga Elektrik dan Pendaftaran Pengurus Tenaga Elektrik	Ir Mah Soo	0/1 20.05.09	EETD
117	Unit Perancang Ekonomi Jabatan Perdana Menteri	Seminar on Knowledge Content in Key Economic Sectors In Malaysia Phase II (MyKe II)	Ir Badul Azim Abdul Rahman Ir Luk Chau Beng Ir Noor Hisham Dato' Ir Lt Gen [B] Ismail Samion	0/1 06.08.09	EdETD METD PPC
118	Tan Sri Lee Kim Yew & Dato' Dr Micheal Yeoh	World Chinese Economic Forum	Ir Rocky Wong Hon Thang	1/1 16-17.11.09	IEM Pro-ETI Bureau
119	Universiti Teknologi Mara (UiTM)	Jemputan sebagai Penceramah Untuk Kursus Jurutera Dalam Masyarakat di Fakulti Kejuruteraan Awam UiTM Shah Alam	Ir Assoc Prof Dr Jeffrey Chiang Choong Luin	1/1 18.02.09 05.09.09	CSTD
120	Universiti Teknologi Malaysia (UTM)	Mesyuarat Ahli Lembaga Penasihat Industri Mengenai Program Di Fakulti Kejuruteraan Mekanikal UTM, Skudai, Johor	Ir Norhisyam Yahya	0/1 29.05.09	Q & A
121	Universiti Malaya	Majlis HI-TEA Jabatan Kejuruteraan Awam University Malaya	Ir Tu Yong Eng	1/1 30.10.09	CSTD
122		YB Tuan Iskandar bin Abdul Samad – Perbincangan Meja Bulat Inisiatif-inisiatif Baru Pemulihan Projek Perumahan Terbangkalai	Dato' Ir Dr Hj Abd Rashid Maidin	1/1 27.03.09	PPC



**PAST RECIPIENTS**

**Year Recipients and Projects**

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



**Year Recipients and Projects**

- 
- 1999** Kuala Lumpur International Airport Berhad  
Atas Projek Lapangan Terbang Antarabangsa Kuala Lumpur di Sepang  
(For the Construction of the Kuala Lumpur International Airport, Sepang)
- 
- 2000** Sistem Transit Aliran Ringan Sdn. Bhd. (STAR) dan Projek Usahasama Transit Ringan Automatik Sdn Bhd (PUTRA)  
Atas Pembinaan Sistem 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 Ke Atas Rekabentuk Struktur Pusat Konvensyen Antarabangsa Putrajaya  
(On The Structural Design of Putrajaya International Convention Centre)
- 
- 2005** MEI Consultants Sdn Bhd  
Di 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)
- 
- Zelan Construction Sdn Bhd  
**2006** Di 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)
- 
- Multimedia University Malaysia  
**2007** Di 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)
- 
- T & T Konsult Sdn Bhd  
**2008** Di Atas Rekabentuk, Pembinaan dan Operasi Tapak bagi Projek Pelupusan Sisa Pepejal Sanitary Bukit Tagar  
(On the Design, Construction and Operation of Bukit Tagar Sanitary Landfill Project)
- 

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

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

**PAST RECIPIENTS**

**Year Recipients and Projects**

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



**PAST RECIPIENTS**

**Year Recipients and Projects**

- 
- 1996** Y.Bhg. Dato' Dr. Ir. Ahmad Tajuddin bin Ali  
Director-General, Standards and Industrial Research Institute of Malaysia (SIRIM)
- 
- 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 (JKR)
- 
- 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 (JPS)
- 
- 2003** Y.Bhg. Tan Sri Dato' Ir. Hj Zaini bin Omar  
Director-General, Public Works Department (JKR)
- 
- 2005** Y. Bhg Tan Sri Dato' Ir. Muhammad Radzi bin Hj Mansor  
Chairman, Telekom Malaysia Berhad (TM)
- 
- 2006** Y.Bhg. Academician Dato' Ir. Lee Yee Cheong  
President of World Federation of Engineering Organisations and Past President, IEM
- 
- 2007** Y.Bhg. Dato' Ir. Dr. Wahid bin Omar  
President of BEM and concurrently Director- General of Public Works Department (JKR)
- 
- 2010** Ir. Chiam Teong Tee  
Past President of IEM

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

***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
- Team Members*  
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 (*Organiser- Pertubuhan Ukur, Jurutera dan Arkitek*) [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 (*Organiser – The Institution of Engineers, Indonesia*)[PII]  
- awarded in Bandung, Indonesia
-



**PAST RECIPIENTS**

**Year Recipients and Projects**

- 
- 1996** Malaysian Resources Corporation Berhad - (*Organiser – The Institution of Engineers, Malaysia*)[IEM]  
Construction of the SEGARI Power Station  
- awarded in Malacca, Malaysia
- 
- 1997** Jabatan Kerja Raya (*Organiser – The Engineering Institute of Thailand*)[EIT]  
Role of the Public Works Department, Malaysia in National Development  
- awarded in Chiangmai, Thailand
- 
- 1998** Malaysian Institute of Microelectronic Systems (*Organiser – The Philippines Technological Council*)[PTC]  
Role in the Development of Microelectronics and Information Technology  
- awarded in Angeles City, Philippines
- 
- 1999** K. L. International Airport Berhad (*Organiser – The Institution of Engineers, Singapore*)[IES]  
The Construction of the Kuala Lumpur International Airport  
- awarded in Raffles City, Singapore
- 
- 2000** Projek Usahasama Transit Ringan Automatik Sdn Bhd (PUTRA) (*Organiser – Vietnam Union of Science and Technological Associations*)[VUSTA]  
Construction of the Light Rail Transit System 2  
- awarded in Hanoi, Vietnam
- 
- 2001** Y.Bhg Tan Sri Dato' Haji Ir. Zaini bin Omar (*Organiser – Pertubuhan Ukur, Jurutera an Arkitek*)[PUJA]  
- awarded in Bandar Seri Begawan, Brunei Darussalam
- 
- 2001** Y. Bhg. Academician Dato' Ir. Lee Yee Cheong (*Organiser – Pertubuhan Ukur, Jurutera dan Arkitek*)[PUJA]  
- awarded in Bandar Seri Begawan, Brunei Darussalam
- 
- 2002** Y.Bhg. Dato' Paduka Ir. Prof (Dr) Hj Keizrul bin Abdullah (*Organiser – Engineering Institute of Cambodia*)[EIC]  
- awarded in Phnom Pehn, Cambodia
- 
- 2005** MEI Consultants Sdn Bhd (*Organiser – Laos Union of Scientists and Engineers Association*)[LUSEA]  
On The Successful Design and Completion of Stevian Biotechnology Facilities in Enstek, Negeri Sembilan  
- awarded in Vientiane, Lao PDR
- 
- 2006** Perunding Mahir Bersatu Sdn Bhd jointly with  
Sinclair Knight Merz Engineering Sdn Bhd (*Organiser – The Institution of Engineers, Malaysia*)[IEM]  
On The Structural Design of Putrajaya International Convention Centre  
- awarded in Kuala Lumpur, Malaysia
- 
- 2006** Fraser and Neave Berhad (*Organiser – The Institution of Engineers, Malaysia*)[IEM]  
For Zon-e @ Fraser Biz Park Development  
- awarded in Kuala Lumpur, Malaysia
- 
- 2007** Multimedia University Malaysia (*Organiser – The Philippines Technological Council*)[PTC]  
On Its Role as the First Private University in Malaysia in Providing Quality Engineering Education  
- awarded in Cebu, Philippines
- 
- 2007** Ir. Dr Gue See Sew (*Organiser – The Philippines Technological Council*)[PTC]  
For his contribution to ASEAN Engineers Register (AER) and ASEAN Federation of Engineering Organisation (AFEO) as well as in the Asia Pacific Economy Corporation (APEC)/Engineers Mobility Forum (EMF)  
- awarded in Cebu, Philippines
- 
- 2008** T & T Konsult Sdn Bhd (*Organiser – The Engineering Institute of Thailand*)[EIC]  
On the Design, Construction and Operation of Bukit Tagar Sanitary Landfill Project  
- awarded in Bangkok, Thailand
-



**PAST RECIPIENTS**

***Year Recipients***

**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. Prof. Madya Dr Law Chung Lim – *Academic award*

**2009** Engr. Vigna Kumaran s/o Ramachandramurthy – *Academic award*

**2009** Engr. Teh Tzyy Wooi – *Industry award*

**PAST RECIPIENTS**

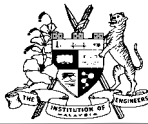
***Year Recipients***

**2005** Ir. Prof. Dr Siti Hamisah bte Tapsir

**2006** Ir. Miss Ong Kik Hong

**2007** Ir. Assoc Prof. Dr Siti Hawa bte Hamzah

**2009** Datuk Ir. Rosaline Ganendra



**MINUTES OF 50TH ANNUAL GENERAL MEETING OF THE INSTITUTION OF ENGINEERS, MALAYSIA  
HELD ON 18 APRIL 2009 AT THE AUDITORIUM, WISMA IEM,  
PETALING JAYA AT 9.00 AM**

**MEMBERS PRESENT – AS PER APPENDIX A**

**1.0 OPENING ADDRESS BY THE PRESIDENT**

- 1.1 The President, YBhg. Dato' Paduka Ir. Hj Keizrul bin Abdullah welcomed members present and called the 50th Annual General Meeting to order at 9:00 am. The President informed that IEM had been established on 1st May 1959 and this was the 1st time the Annual General Meeting was being held at Wisma IEM. YBhg. Dato' Paduka President in thanking members and organisations who had donated for the new building also informed the AGM that the contributions received was still insufficient to settle the term loan taken for the purchase of the new building.
- 1.2 Prior to commencing the AGM proper, YBhg. Dato' Paduka President requested members present to observe one minute of silence as a mark of respect for the late Past IEM President Allahyarham Ir. Tuan Hj Mohd Razali bin Bidin who passed away on 9 February 2009 and IEM's Honorary Fellow member, Al-marhum DYMM Tuanku Jaafar Ibni al-Marhum Tuanku Abdul Rahmam, the Yang Di Pertuan Besar of Negeri Sembilan Agung,

YBhg. Dato' Paduka President informed members that although the AGM was being held at Wisma IEM, there was still a need to use three different rooms due to the large turnout of members and the AGM would be conducted via video conferencing. Secretariat staff would be stationed at each of the rooms to assist members in posing questions as well as any other assistance that members may require during the course of the AGM.

- 1.3 Before the start of the AGM proceeding, the AGM agreed with YBhg. Dato' Ir. Pang Leong Hoon's proposed that the agenda of the AGM be amended. YBhg. Dato' Ir. Pang cited that issues of Any Other Business (AOB) should be the last item for discussion in the agenda. The proposal was accepted by the members present at the AGM. It was agreed that this agenda be amended and implement next year.

**2.0 CONFIRMATION OF MINUTES OF 49TH ANNUAL GENERAL MEETING HELD ON 19 APRIL 2008**

- 2.1 YBhg. Dato' Paduka President then went through the minutes from page 42 to 48 of the Annual Report inviting members to point out whether there were any mistakes in the recording.

YBhg. Dato' Paduka President also extended IEM's appreciation to Ir. Dr. Muhammad Fuad Abdullah for his assistance to translate the minutes in Bahasa Malaysia. The Bahasa Malaysia version was included in the Annual Report from pages 52 to 58.

Ir. Chong Boo Choo (F01936) commented that his name was incorrectly spelt on page 49 of the attendance list (No.13). It should be spelt as Ir. Chong Boon Choon.

Ir. CMM Aboobucker (M13942) pointed out that it was unusual to have the heading "Non-Member" in page 51 of the attendance list especially when it was an Annual General Meeting. He felt that the word "Observer" should be used instead of "Non-Member". The AGM agreed that the word "Observer" would be more appropriate compared to "Non-Member".

Ir. Dr. Chan Sin Fatt (F00269) commented that the first few words of item 15.1 should be amended to "The President declared the 49th Annual General Meeting....." and not ".....the 48th Annual General Meeting.....".

- 2.1 There being no further amendments raised, YBhg. Datuk Ir. (Dr.) Hj Ahmad Zaidee bin Laidin (F01019) proposed that the minutes of the 49th Annual General Meeting held on 19 April 2008 be confirmed. The motion was seconded by Ir. Ishak bin Abdul Rahman (F02106) and was unanimously adopted by members present.

**3.0 MATTERS ARISING**

YBhg. Dato' Paduka President then selected the following items in the minutes that needed response and made clarification to the outstanding items raised at the 49th AGM and recorded in the minutes as published in the Annual Report from pages 42 to 48. The items were as follows:

Page 44 – Item 4.5.1

YBhg. Dato' Paduka President informed members present that Excomm, the Technical Divisions and the Standing Committee on Activities had discussed with regard to the issue of imposing a fee of RM10.00 for talks and agreed that the charge was reasonable. The charge was used to defray the costs incurred for organising the evening talks. Should there be any surplus, it would be transferred to the Building Fund.

Page 45 – Item 4.5.3

YBhg. Dato' Paduka President informed that Secretariat had written to the various organisations and confirmed that although there were no meetings, the Committees of these organisations had not been dissolved and were still dormant.



Page 45 – Item 4.5.5

YBhg. Dato' Paduka President also informed that the processing of applications for the various grades had been simplified. Approval of new members was endorsed by Excomm and forwarded to the Council for information. It was explained that previously all applications had to be approved by Council, which would only have their meetings once in every three months. Applicants for Student membership would be provided with a temporary registration immediately pending processing. Approval letters would be sent immediately after the Excomm meetings.

YBhg. Dato' Paduka President then invited questions from members attending the AGM with regard to the minutes of the 49th AGM.

### 3.1 Amendments to IEM Constitution Article 2.9, 3.1 and 6.3

Page 48, item 11.0

Ir. Zawawi Embong (F07396) requested for an update with regard to the results of Corporate Member's voting process and whether there was any response from ROS on the IEM Constitutions amendment and how the IEM Sarawak Branch would proceed on this issue. YBhg. Dato' Paduka President clarified that Article 6.3 would enable the IEM Branches to purchase properties with the authorisation of the Council of the Institution. The AGM was informed that IEM had not received any response from ROS as approval for amendments to Constitutions normally would take some time.

## 4.0 ANNUAL REPORT FOR SESSION 2008/2009

YBhg. Dato' Paduka President proceeded to invite the Hon Secretary to present the 50th Annual Report from pages 65 to 107. The Hon Secretary, Ir. Prof. Madya Dr. Jeffrey Chiang Choong Luin informed members that six (6) Council meetings were held during the year to make policy decisions and other matters. He then recorded his appreciation to the Chairpersons of the Ad Hoc and Special Committees who had undertaken the various tasks for the Institution.

The AGM was further informed that the Excomm held 19 meetings in 2008/2009 to manage the affairs of the Institution in accordance with the IEM Constitution and Bylaws.

### 4.1 Human Resource Management – Secretariat Matters

Ir. Prof. Madya Dr. Jeffrey Chiang Choong Luin reported that the staff strength had increased mainly to handle the various increase in the number of activities throughout the year. This was also due to IEM's involvement in many other areas not only locally but internationally especially now that IEM was the Secretariat for the various international bodies such as AFEO, AER, and FEIAP as well as the Secretariat of the Registration and Administration Committee of the APEC/EMF International Engineer Registers.

### 4.2 Membership

Ir. Prof. Madya Dr. Jeffrey Chiang Choong Luin reported that IEM's membership had not really increased prior to 2007 with membership being maintained around 15,000 to 16,000. However, there was a marked increase in the membership from 2007 to 2008 from 16,789 to 21,622. A note of appreciation was extended to the Chairman of the Membership Drive and Career Guidance Committee, Ir. Noor Hisham bin Yahaya for his effort on the increase of membership for the Institution. It was reported that the increase on the number of student members was due the various membership drives and also career talks conducted by the Sub Committee on Membership Drive to the institutions of higher learning. The number of Graduate members had also increased as well.

Ir. Prof. Madya Dr. Jeffrey Chiang Choong Luin also reported that 23 members were approved for the ASEAN Engineers Register whereas 29 for the admission of APEC/EMF International Engineers Register during the year.

### 4.3 IEM/BEM Graduate Examination

Ir. Prof. Madya Dr. Jeffrey Chiang Choong Luin informed that the first sitting for the new curriculum would be held in December 2009.

### 4.4 Professional Interview

The number of Professional Interview applications had increased during the year. It was reported that 523 cases were processed. The AGM was further informed that IEM conducted a survey on the Quality of Graduate Engineers during the year. The responses received were being analysed and would be released in the next two (2) months.

### 4.5 Pupilage Scheme or Structured Training for Young Engineers

IEM was looking into introducing a pupilage scheme or the training of young engineers in addition to the Professional Development Programme, which was already in place. The scheme would be introduced according to the various disciplines starting with the four major disciplines of Civil, Chemical, Mechanical and Electrical Engineering.

### 4.6 Wisma IEM

The AGM also noted the list of organisations who had contributed to the refurbishment of the new building both in cash and in kind ranging from supply and installation of airconditioners, PA systems, light fittings as well as roofing materials.

### 4.7 IEM Presidential Award of Excellence (PAOE)

Ir. Prof. Madya Dr. Jeffrey Chiang Choong Luin reported that for the session 2008/2009, the PAOE winners were as follows:



1st Place	Mechanical Engineering Technical Division
2nd Place	Geotechnical Engineering Technical Division
3rd Place	Civil & Structural Engineering Technical Division
4th Place	Electrical Engineering Technical Division
5th Place	Building Services Engineering Technical Division
Most Improved	Project Management Technical Division

It was further noted that the top three winners were also winners of the last few years and hence other Technical Divisions were encouraged to challenge these top three Technical Divisions.

#### 4.8 Major Activities

The following major conferences were held during the session:

- (i) Brownfield Asia 2008 - 3rd International Conference on Remediation and Management of Contaminated Land: Focus on Asia from 21 – 23 October 2008.
- (ii) ICoPM 2008 – International Conference on Project Management which was held in collaboration with the Department of Built Environment of Universiti of Malaya from 18 – 21 November 2008.
- (iii) 3rd National Chem-E-Car Competition held on 26 January 2008 where the winner was Universiti of Malaya.

#### 4.9 Review of the Registration of Engineers Act Blog

The AGM was informed that a blog had been posted on the IEM website on the Review of Registration of Engineers Act to gather information from the members as well as the public. It was noted that there was a forum held on 23 November 2008 organised by the Standing Committee on Professional Practice and quite a number of views were received. Members were invited to provide their views and opinions and this information would be put up in the blog.

#### 4.10 The Engineering Hall of Fame

The AGM was informed that the call for nominations for the Engineering Hall of Fame was posted on the website and nine (9) nominations were received. It was noted that the Awards Committee would be assessing the nominations.

#### 4.11 IEM Open House 2008

The AGM was also informed that the IEM Open House 2008 was held on 10 May 2008 at the Wisma IEM and this was the first time this event was held at this new IEM premises. It was noted that the IEM Open House events for the past few years were held at Dewan Tan Sri Mahfoz at JKR's premises. A total of 386 members and their families attended the event. Ir. Prof. Madya Dr. Jeffrey Chiang Choong Luin announced that this year's Open House would be known as IEM Family Day and would be held on 16 May 2009 at the Taman Jaya Lake, opposite Amcorp Mall. Members were invited to attend the event together with their families to foster closer ties.

#### 4.12 Visitors from Overseas

The AGM was informed that during the session, IEM played host to visitors from the following Institutions:

The Institution of Engineering and Technology (IET)  
 Engineers Australia (EA)  
 The Institution of Mechanical Engineers, UK (IMechE)  
 Nigerian Society of Engineers (NSE)  
 Laos Union of Science and Engineering Association (LUSEA)  
 Nigerian Export Promotion Council (NEPC)  
 Hong Kong Institution of Engineers, Geotechnical Division (HKIE)

#### 4.13 IEM Education Fund

Ir. Prof. Madya Dr. Jeffrey Chiang Choong Luin informed the AGM that the recipients selected to receive scholarships from the Fund were as follows:-

Tan Sri Datuk Ir. Prof. Chin Fung Kee Memorial Scholarship was awarded to Mr Tan Yong Woi from Universiti Pertanian Malaysia (UPM).

Ir. Thean Lip Thong Memorial Scholarship was awarded to Mr. Tong Han Seng from Universiti Malaya.

Tan Sri Ir. (Dr) Hj. Yusoff bin Hj. Ibrahim Memorial Scholarship was awarded to Cik Erni Syhada bt. Mazwil Ishan from Universiti Teknologi Malaysia (UTM).

Koon Yew Yin Scholarship was awarded to two recipients – En. Mohd Khairul Anwar bin Mohd Said and Mohd Hafiszan bin Mohd Fuzi from Universiti Teknologi MARA (UiTM).



#### 4.14 IEM in the International Arena

The AGM was informed that IEM had been playing an active role in the ASEAN Federation of Engineering Organisations (AFEO). IEM had hosted the AFEO Secretariat since 1998 and Ir. Tan Yean Chin is currently the Secretary General of the AFEO. It was also noted that Ir. Rocky HT Wong is currently the Head Commissioner of the ASEAN Engineer Register.

As for the Federation of Engineering Institutions of Asia and the Pacific (FEIAP), IEM was appointed the permanent Secretariat since 2007. It was also noted that Ir. Dr Gue See Sew, IEM's Past President was the Chair for the APEC/EMF International Committee. Ir. Prof. Madya Dr. Jeffrey Chiang Choong Luin then extended IEM's appreciation to these members for their time and effort to introducing as well as upkeeping IEM's involvement in the international arena.

#### 4.15 IEM Branches

The AGM was informed that the IEM Sarawak Branch had been given a piece of land by the State Government for their Training Centre a few years ago. It was also noted that the Negeri Sembilan Branch purchased a two-storey building at the Oakland Commercial Centre for which IEM Headquarters had provided a loan for the purchase. It was further noted that rest of the IEM branches were also taking up asset acquisition.

#### 4.16 Standards Writing Organisation (SWO) Matters

The AGM was informed that the Civil and Structural Engineering Technical Division was currently assisting to draft the Eurocode 2 and Eurocode 3 whereas the Geotechnical Engineering Technical Division was assisting to draft the Eurocode 7 for SIRIM as well as Department of Standards Malaysia.

#### 4.17 IEM 50th Anniversary

The AGM was informed that IEM would be celebrating its 50th Anniversary on 1 May 2009 and a note of appreciation was extended to all members for their support for the past 50 years.

4.2 YBhg. Dato' Paduka President thanked the Hon Secretary for his presentation on the Annual Report and invited the members for any comments or questions.

4.2.1 YBhg Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin (F01019) also thanked the Hon Secretary his presentation and congratulated the IEM on the increase in student membership. However, he expressed his regret over the low number of graduate members. He further commented that he had been interviewing young graduate engineers for employment in his company and found that most of them were not keen to join IEM. He pointed out that these graduates were neither registered with BEM nor were they graduate members of IEM. He therefore proposed that IEM should conduct more membership drives to encourage graduate engineers to join IEM.

YBhg. Dato' Paduka President than appealed to the members to encourage the young engineers in their organisations register with the BEM and also with IEM.

4.2.2 Ir. Mohamed Kamal bin Jamaluddin (M03850) informed that it was the first time that he was attending the AGM and enquired on the definition of "Engineering". He commented that engineers should question themselves as "What were they (Engineers) doing?" He then asked members as to how many of them had encouraged their children to be engineers and that most of the engineers were only interested in making money. He further enquired on the top three (3) agenda of IEM- was it "membership", "contribution to society" or "raising funds?" He added that it would be up to the Institution to ponder on these issues.

4.2.3 Ir. CMM Aboobucker (M13942) also agreed with the comments of YBhg. Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin that the law of the country required the graduates to register with BEM as Graduate Engineers. He informed the AGM that most of the employers do not know that the graduates were required to register with BEM adding that when he applied for his Permanent Resident (PR) status many years ago, he was asked to register with the BEM as it was the law of the country.

He highlighted that although the Honorary Secretary's report indicated the total number of members was more than 21,000, in the Annual Report, it was stated that 4,636 (making up approximately 25% of the membership) had not paid their subscriptions. Ir CMM Aboobucker expressed his scepticism on the interest of these members who had not paid their subscriptions. He was of the opinion that IEM was the only organisation that provided the most benefits to its members which added value to the membership.

Being a member of many other local and overseas institutions, he added that IEM had the cheapest subscription. He further pointed out that some of the members found it burdensome to pay the RM10 payment for attending evening talks but they failed to realise that IEM was an organisation providing knowledge and continuous learning opportunities to its members and he felt that every member of the IEM should be a campaigner to the development of knowledge on engineering. He felt that IEM should find out the reasons for the non-payment of subscriptions; "whether they were not satisfied with the services provided".

YBhg. Dato' Paduka President thanked Ir. CMM Aboobucker on his comments and further informed the AGM that it was against the Registration of Engineers Act if one was not registered. It was further pointed out that Employers would be fined RM50,000 or one (1) years imprisonment if he/she were to employ a graduate engineer who had not registered with BEM.

4.2.4 Ir. Noor Hisham (F11497) further informed the AGM that he would like to share with them on the current backdrop concerning the IEM membership. He reported that where the MIEM was concerned, IEM was able to capture approximately 70% of the Professional Engineer population whereas IEM Graduate membership was only 15% of the total Graduate Engineer population. IEM Student membership was less than 10% of the overall engineering student population.



It was further reported that based on the current submission of applications only 18% covered the overall total engineering population. He pointed out that the members should look into ways of recruiting more graduate and practicing engineers to join the Institution.

Ir. Noor Hisham proposed that the IEM office bearers should use the Key Performance Index (KPI) whereby each Council member could probably set a target of recruiting three (3) members, the Standing Committee two (2) and members while the Technical Divisions' members could recruit one (1) member for the Institution.

He further commented that all members should be involved and take the responsibility to increase membership for the Institution. YBhg. Dato' Paduka President then thanked Ir. Noor Hisham for his suggestion and also his involvement in increasing the membership for the Institution. The membership had increased tremendously from 16,000 to 21,000 from the past few years. However, YBhg. Dato' Paduka President reminded that IEM was only successful in tapping less than 20% of the overall engineering population in the country.

4.2.5 Ir. Dr Ooi Teck Aun (F01249) suggested that although the student members had increased, he proposed that IEM should also follow the example of ICE where Student Members do not need to pay subscriptions. He added that students were considered future engineers and using this model, more engineering students would join IEM. As for graduate engineers, he suggested that IEM should reach out to this group especially by providing more talks to the final year engineering students and hence recruiting them as members of the Institution prior to their graduation.

4.2.6 YBhg. Datuk Wira Ir. Md. Sidek Ahmad (F07345) congratulated the Honorary Secretary on his report before commenting on the membership drive issue.

He informed that he was from an organisation with the most number of engineers but in the past few years, Tenaga Nasional Berhad (TNB) registered less than 5% of their engineers with IEM. However, TNB had now made it mandatory for their engineers to join IEM. YBhg Datuk Wira Ir. Md. Sidek further commented that large organisations such as Telekom, JPS, Petronas and JKR also showed a similar percentage of graduate engineers. Nevertheless, he mentioned that it was important to have practitioners to join IEM. He pointed out that IEM should be writing to these organisations for road shows or membership drives and there should be interaction between IEM and these organisations.

4.2.7 Ir. Tn. Hj. Mohd. Mazlan bin Md Ismail Merican (F07432) congratulated the Council and Ir. Noor Hisham for the large increase in the membership. However, he pointed out that there should be ways to retain the members. He cited on page 68 that 3,351 members were in arrears of subscription for the year 2008. Hence, he suggested that IEM should look into ways of maintaining its members.

4.2.8 YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) informed members that when he joined the service in 1958, it was a condition for the employees to be an ICE member to be promoted "Super Scale". It was an incentive for him to obtain his membership with ICE. It was commented that IEM at that time, unfortunately did not pursue with the same requirement. Otherwise, IEM would have had a large number of members by now. He suggested that IEM should approach the government to revert to the earlier requirement to have all its engineers to join IEM. This would then encourage the industries to advertise in the newspapers that any form of engineers must be registered with the BEM or IEM and proposed that this would be a stand that IEM should take.

4.2.9 Ir. PE Chong (F01214) agreed with the comments from YBhg. Dato' Ir. Pang Leong Hoon. He further pointed out that currently in Brunei, a Chartered Engineer from UK would be able to get five (5) increments immediately.

4.2.10 Ir. Mohamed Kamal bin Jamaluddin (M03850) commented that engineers tend to look at one dimension only, ie, relating everything to monetary issue. He pointed out that engineers should look at another dimension that is "the knowledge" stressing that knowledge was unlimited. Hence, he proposed that IEM should be looking at the angle of increasing the knowledge of engineers.

4.2.11 Ir. TT Chiam (F00275) raised two (2) points. Firstly he supported YBhg Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin's comment that IEM should increase its Graduate members. IEM should also be proactive in recruitment of members by visiting the universities and providing talks.

Secondly, he commented that IEM should encourage the government/civil servants to join IEM, as many were still not IEM members. He further commented that in 1972 when the new Constitution and Bylaws was implemented, the title "Ir." was deliberately included and it was meant for all members be it Corporate, Graduate or Student. Unfortunately, the members who were representing IEM in the BEM did not propose that the "Ir." title be used for all engineers. Hence, it was decided that the title "Ir." should only be used by the Professional Engineers. He later cited that countries such as Holland and Indonesia used only one title for all their members. Ir. TT Chiam further informed members that IEM was the first institution to use a title for its members. Associations for the Architects as well as the Surveyors then followed suit. Ir. TT Chiam proposed that IEM strive to request for the title "Ir." to be removed from the Registration of Engineers Act so that all engineers irrespective whether professionals, graduates or students could use this title and not for Professional Engineers only.

4.2.12 Ir. Chu Pak Eng (M02169) commented that accumulating the CPD hours was a bit too much. He commented that to attend the courses and seminars at IEM was a problem as there was the parking difficulties. He further commented that IEM should realise that most of the members who attended courses to gain CPD hours were currently working and hence it would be a hassle for them to come to IEM to attend the courses for the sake of accumulating the CPD hours. He suggested that the CPD hours be reduced to 30.

YBhg. Dato' Paduka President clarified that the CPD requirement was initiated by the BEM and IEM was merely the training provider. YBhg. Dato' President then advised Ir. Chu to send in his request to the BEM for their consideration.

4.2.13 Ir. Thum Kum Weng (F01513) shared his support for YBhg Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin's comments that graduate engineers should also be encouraged to join IEM. He also pointed out that the discipline - Civil & Structural on page 66 of the Annual Report indicated that there were no members in that discipline. He proposed that IEM checked the figures and if it was in fact zero, then this should be removed from the list.

He later commented on the Honorary Secretary's report that IEM was assisting to draft the Eurocodes 2,3 and 7 as IEM should not be drafting the codes as there were already existing codes. He enquired on whether IEM was given the authorisation to draft these codes. Ir. MC Hee (F13947) responded that IEM was currently drafting the Malaysian Concrete of Practice which was similar to the Eurocode as adopted by other countries based on EC 1, 2 and 3. The Geotechnical Engineering Technical Division was drafting the Malaysian Eurocode 7 that is currently being adopted in Europe and Britain. For the Eurocode 7, the main purpose was to draft the necessary National Annexes that go together with the adopted Eurocode.

- 4.2.14 Ir. Kor Fong Yong (M03877) commented that IEM was slow in responding to natural disasters. He proposed that IEM should have code of ethics or guidelines for such incidents and not provide contradictory information that might confuse the public. He further proposed that both IEM and BEM should come up with a proposal to tackle on such issues.
- 4.2.15 Ir. Dr Philip Tan Chee Lin (F12562) informed the AGM that most of the engineers were not members of IEM. He cited his personal experience that he was not interested to join the IEM until the "Fast Track" scheme came about. He further informed the AGM that the Standing Committee on Qualifications and Admissions had propose to re-introduce the "Fast Track" scheme but was not accepted by Excomm. He further proposed that IEM should re-introduce this scheme so as to encourage Senior Engineers to become Corporate Members of IEM.
- 4.2.16 On another note, YBhg. Academician Dato' Ir. Lee Yee Chong (F00220) commented that there were some members who were having difficulty in accumulating CPD hours especially for those who could not physically attend lectures. He pointed out that with the advancement in IT, one could use the Adobe Interactive software to communicate and interact with the students or participants in the lecture hall.

He continued to explain that although the video might not be clear, the voice would be clear enough for dissemination of information and also communication purpose. He further informed that any person who had a laptop and equipped with the Adobe connect would have the advantage to be able to interact with the students or participants and this could even be done from the home. He concluded that this could be one way of accumulating the CPD hours.

YBhg. Dato' Paduka President then informed that he had uploaded in the President's blog with regard to the visit of Mr Gordon Holness, the President Elect of ASHRAE. ASHRAE has a web based e-learning system that is able to reach its members throughout the world. ASHRAE is willing to share and assist IEM to come up with a similar system for our use. It is envisaged that this e-learning system would enable IEM members to have greater access to facilities for CPD. There will also be possibilities for live interaction for the participants as well as electronic tracking of CPD hours.

- 4.2.17 Ir. Suresh Yegambaram (G20692) commented firstly, on the application for Corporate Membership especially for those who were Professional Engineers of BEM and wished to be MIEM. He felt that it was not necessary to have the two (2) Corporate Members to sign the form as accepting the PE certificate from BEM would be good enough and IEM should accept it. That would save the hassle for the applicant to go through the same process of filling the form and thereafter getting the two (2) Corporate Members to sign the form.

Ir. Suresh then commented on the issue on CPD. He felt that IEM should not pursue to reduce the CPD hours to 30 just because of some members who were too lazy to find parking. He proposed that IEM as a learned institution should provide more activities for the Corporate Members to gain the CPD hours. He suggested that the organisations should also conduct in-house courses for their engineers to obtain the CPD.

YBhg. Dato' Paduka President felt that a discussion forum should be put up on the website concerning CPD matters.

- 4.2.18 Ir. Mah Soo (F11102) pointed out that the CPD requirement was from the BEM and not IEM. IEM was merely facilitating the members to qualify for CPD for the three (3) years.

Secondly, he clarified that the "Fast Track" scheme was queried by BEM and there were some people who felt that the scheme was a "back-door" entry as this was not the proper procedure for a member to obtain the Professional Engineer status. It was noted that BEM used to have the PAE whereas IEM the PI which was the proper channel to obtain professional status. He further commented that many people perceived that with the "Fast Track" it would make it easier for the member to then apply for the PEng from BEM. This gave an impression to BEM that the "Fast Track" scheme was not the proper channel for a member to obtain the PEng. Due to this, Excomm had decided that the "Fast Track" scheme be put on hold or be kept in abeyance.

- 4.2.19 Ir. Awangku Hidup bin Awangku Hosain (F03053) suggested that IEM should organise more social activities. He pointed out that the IEM Open House had changed its name to IEM Family Day 2009. He further informed the AGM that the IEM Family Day was for all members of IEM to come together with their families and to get to know one another. There should be interaction amongst the members on such an occasion. He informed that the budget for this year's IEM Family Day was RM20,000 and there was difficulty in finding a proper venue for the function, as the budget was insufficient. He hoped that for the next year's Family Day, there would be more budget allocated for this event.

YBhg. Dato' Paduka President thanked Ir. Awangku Hidup bin Awangku Hosain for his comments.

Proposed by Ir. Tn. Hj. Mohd. Mazlan bin Md Ismail Merican (F07432) and seconded by YBhg Datuk Ir. Dr Ow Chee Sheng (F05738), the Annual Report was adopted.

## 5.0 ACCOUNTS FOR THE YEAR ENDED 31 DECEMBER 2008

- 5.1 The President then invited the Honorary Treasurer, YBhg. Dato' Ir. Abu Hashim bin Abd Ghani to present the Statement of Accounts for The Institution of Engineers, Malaysia for the period 1 January 2008 to 31 December 2008.



5.2 YBhg. Dato' Ir. Abu Hashim bin Abd Ghani reported that for year 2008, the Institution's net assets was RM16,731,788.00 as compared to RM445,914.00 in year 2007. That was due to the acquisition of the new building worth RM13.5million.

5.3 The total income for year 2008 was recorded at RM3,630,576.00 compared to RM3,058,958.00 in 2007 of which approximately 62% was derived from subscriptions, the rental income was 28%, other incomes made up 4% and arbitration income was 1%.

The main contributors to the increase in income were the Annual Subscriptions totalling RM2,249,021 compared to RM2,160,860 (4% increase from 2007) and the Rental Income of RM1,016,863.00 compared to RM340,940 (198% increase from 2007). The increase in rental came from Wisma IEM.

The total expenses was RM4,056,453 as compared to RM2,852,561 in 2007. It was noted that Personnel Emoluments took up 37% while 23% was for Administrative Expenses. The rests were on smaller items such as finance cost and other expenses. In addition, the AGM was further informed that amongst the expenditures, the following was noted:

Personnel Emoluments an increase of 25.88% (RM1,481,482.00 in 2008 compared to RM1,176,918.00 in 2007)

Branch Subsidies an increase of 24.64% (RM253,700.00 in 2008 compared to RM203,550.00 in 2007)

Inter-society Activities an increase of 33.41% (RM10,825.00 in 2008 compared to RM8,114.00 in 2007)

YBhg. Dato' Ir. Abu Hashim bin Abd Ghani further reported that the overall performance for 2008 was a deficit of RM242,068.00 and the main reason was the depreciation of Wisma IEM as well as writing off the debt owing from the previous tenant of the said building.

5.4 YBhg. Dato' Paduka President then continued to invite questions from the floor.

5.4.1 A member (whose identity was not established) requested for explanation on the finance cost as stated in page 124 of the Annual Report. YBhg. Dato' Ir. Abu Hashim bin Abd Ghani pointed out that the finance cost was interests on the term loan taken for the purchase of the new building.

5.4.2 Ir. Raghbir Singh Dhillon (M08217) commented on the slide presentation and that the Institution's total income was RM3,630,576 but the report on page 135 stated as RM3,870,329. He further queried on which was the correct figure. YBhg. Dato' Ir. Abu Hashim bin Abd Ghani informed that the figures stated in the report was the correct one.

5.4.3 Ir. Wong Chee Fui (M20903) commented with regard to the request he made last year on Item 5.7.3 in the last AGM minutes. He informed that there was still no information of the Training Centre's performance in the Annual Report. It was mentioned at the last AGM that the accounts would be posted in the website. However, after a year, Ir. Wong Chee Fui commented that the accounts were not available on the website as promised.

5.4.4 YBhg. Dato' Ir. Abu Hashim bin Abd Ghani explained that there was a separate section on the IEM Training Centre's account. He further informed the AGM that the IEM Training's account was in page 127 of the Annual Report.

Ir. Wong Chee Fui (M20903) pointed out that there was no indication of whether the IEM Training Centre made a profit or loss or whether there were any liabilities that the Training Centre was shouldering. Another point he raised was on the differentiation of the courses/ talks organised by the IEM Training Centre and the Technical Divisions.

YBhg. Dato' Paduka President informed the AGM that the IEM Training Centre was a company and it was required by the law to submit its accounts. He further clarified that the Training Centre's financial year end was 31 December and the audit on accounts had just been completed. The audited statements would be presented at the next meeting of the Board of Directors after which it could be posted on the webpage.

YBhg. Dato' Paduka President then continued to answer Ir. Wong Chee Fui's second question on the difference between the talks conducted by the IEM Training Centre and the Technical Divisions. It was noted that Excomm had agreed that the Technical Divisions would conduct talks as well as courses/seminars and the IEM Training Centre would only join in if there were a request from these Technical Divisions.

YBhg. Dato' Paduka President further informed that the IEM Training Centre was to assist and facilitate the Technical Divisions in their activities. At the same time, the IEM Training Centre also conducted courses on behalf of BEM for the PDP programmes. The IEM Training Centre also had the task to run the insurance scheme where IEM had signed with the insurance company. The profits made by the IEM Training Centre would be also channelled to IEM via dividends.

5.4.5 Ir. Wong Chee Fui (M20903) suggested that for next year's report, the IEM Training Centre's account should indicate the profit and not only indicate the cash and cash equivalent. He further commented that by providing information on the cash and cash equivalent, it would not actually show whether the IEM Training Centre had made any profit or was performing well or whether they had any liabilities.

Dato' Paduka President assured the AGM that the IEM Training Centre had made a profit and this would be presented at the Training Board meeting in May 2009. The information would then be posted on the website for the members' information.

5.4.6 YBhg. Datuk Wira Ir. Sidek bin Ahmad (F07345) commented that IEM for the year end 2008 had incurred a deficit of RM186,118 and also paid tax amounting to RM41,354. He requested for further clarification as to why IEM had to pay tax when there was a deficit.

YBhg. Dato' Ir. Abu Hashim bin Abd Ghani explained that the figure RM41,354 was an under provision of the tax for last year.



- 5.4.7 Ir. Thum Kum Weng (F01513) commented that there were some mistakes made on the pie chart on pages 135 – 136 and hence, the Financial Statement could not be adopted unless there has been a proviso that the correction had been made on the pie charts to reflect the actual value. Furthermore, the President and the Hon Treasurer had also signed the statement. He also commented that a lot of details were not consistent such as the total income of IEM as previously mentioned by Ir. Ragbir Singh Dhillon (M08217).

YBhg. Dato' Paduka President then informed the members to note page 121 whereby he had signed the financial statement as set out in pages 122 to 134 whereas the charts were in page 135. Ir. Thum Kum Weng then questioned that YBhg. Dato' Paduka President had also signed on page 137. Ir. Thum was informed that page 137 was for the Education Fund. YBhg. Dato' Paduka President continued to explain that there were two (2) sections to look at: - one was the Financial Report and the other the Education Fund. YBhg. Dato' Paduka President informed that the AGM was looking at Financial Report for the session 2008/2009 which was stated in pages 122 to 134.

Upon proposal by Ir. Dr Gue See Sew and seconded by YBhg. Datuk Ir. Roseline Ganendra, the Financial Statements were adopted by the AGM.

- 5.8 YBhg. Dato' Paduka President proceeded with the Education Fund Account as stated from pages 137 to 143 and YBhg. Dato' Ir. Abu Hashim bin Abd Ghani then took over to explain on the current liabilities and the assets informing that IEM's net current assets were at RM2,725,170.

He continued on the second part with the income of RM350,755 as well as the expenditure of RM35,131. YBhg. Dato' Ir. Abu Hashim bin Abd Ghani further informed the AGM that the cash in hand and in the bank were RM1,119,017 as compared to RM802,954 for the year 2007.

- 5.8.1 Ir. David Lai Kong Phooi (F09917) queried as to why IEM spent so little on scholarships indicating that IEM had made approximately RM300,000 and spent only RM35,131. He commented that it was more like saving funds. He proposed that with the excess made, IEM could channel the savings back to the members.

There being no queries or questions raised, YBhg. Academician Dato' Ir. Lee Yee Cheong (F00220) proposed that the Education Fund accounts be adopted. The motion was seconded by YBhg. Datuk Wira Ir. Md. Sidek Ahmad (F07345). The AGM unanimously adopted the accounts as presented.

## 6.0 ANNOUNCEMENT OF THE ELECTION RESULTS FOR COUNCIL 2009/2010 SESSION

As there were no other issues raised by members, YBhg. Dato' Paduka President invited the Election Officer, Y. Bhg. Dato' Ir. Pang Leong Hoon to announce the results of the election for the 2009/2010 session.

Y. Bhg. Dato' Ir. Pang Leong Hoon thanked the chair and proceeded with the presentation of the election results.

### 6.1 Deputy President

Y. Bhg. Dato' Ir. Pang Leong Hoon informed the AGM that there were two candidates for this position and Ir. Vincent Chen Kim Kieong was the successful candidate.

### 6.2 Vice President (4 vacancies for 2 sessions 2009/2010 and 2010/2011)

Y. Bhg. Dato' Ir. Pang Leong Hoon then continued to inform the AGM that over 8,435 ballot papers had been sent out to the Corporate Member for the other vacant positions. Out of the total, only 1,784 (21%) ballots were received. It was noted that for the positions of Vice Presidents, there were eight (8) candidates for the two sessions. The successful candidates were: -

1. Ir. MC Hee
2. Ir. Lee Weng Onn
3. YBhg. Datuk Ir. Rosaline Ganendra
4. Ir. Yim Hon Wa

### 6.3 Hon Secretary (1 vacancy for session 2009/2010)

There was one (1) position unopposed and Ir. Prof. Madya Dr. Jeffrey Chiang Choon Luin continued to be the Hon Secretary for the session 2009/2010.

### 6.4 Hon Treasurer (1 vacancy for session 2009/2010)

There was one (1) vacancy for one session and Ir. Tan Yean Chin was the successful candidate.

### 6.5 Council Member – Chemical and Other Representatives (1 vacancy for 3 sessions 2009/2010, 2010/2011 and 2011/2012)

Y. Bhg. Dato' Ir. Pang Leong Hoon informed the AGM that there was one (1) vacancy for three (3) sessions that was for Chemical and other representatives. The successful candidate was Ir. Razmahwata bin Mohamad Razalli.



#### 6.6 Council Members – Ordinary Representatives (10 vacancies for 3 sessions 2009/2010, 2010/2011 and 2011/2012)

Y. Bhg. Dato' Ir. Pang Leong Hoon informed the AGM that 14 nominations were received of which two (2) were disqualified leaving only 12 nominations. The following ten (10) candidates with the highest votes had been duly elected to the office of Council Member - Ordinary Representative for three (3) sessions 2009/2010, 2010/2011 and 2011/2012.

1. Ir. Dr Prof Lee Sze Wei
2. Ir. Dr Prof Ruslan Hassan
3. Ir. Yee Yew Weng
4. Ir. Mah Soo
5. Ir. Dr Ahmad Anuar bin Othman
6. YBhg. Dato Ir. Hj. Abdul Rashid bin Maidin
7. Ir. Yau Chau Fong
8. Ir. Wong Chee Fui
9. Ir. Mohd Khir bin Muhammad
10. YBhg. Dato' Ir. Hj. Mohd Isa bin Hj. Sarman

6.7 Y. Bhg. Dato' Ir. Pang Leong Hoon continued to inform the AGM that the whole process took about three (3) months and the total cost was RM14,171.35.

6.8 Y. Bhg. Dato' Ir. Pang Leong Hoon then thanked the Scrutineers, Ir. Prof Madya Dr. Siti Hawa Hamzah, Ir. Hj. Mohamed Ali Yusoff, Ir. S Kukanesan and Ir. K. Manogaran for their support and also thanked the Secretariat for their full cooperation. Y. Bhg. Dato' Ir. Pang Leong Hoon also thanked the Council for appointing him as the Election Officer.

6.9 Y. Bhg. Dato' Ir. Pang Leong Hoon then showed the statistics on ballots being returned which was about 20% for the year. Y. Bhg. Dato' Ir. Pang Leong Hoon continued to comment on the spoilt or rejected ballot papers citing examples that some of the engineers were still confused on ticking the ballot papers although instructions had been clearly stated in the ballot papers. There were also outdated ballot papers received.

YBhg. Dato' Paduka President thanked Y. Bhg. Dato' Ir. Pang Leong Hoon on his presentation and continued with item 7.0.

#### 7.0 Amendments to Article 2.4 of the IEM Constitutions

YBhg. Dato' Paduka President informed the members present at the AGM that some amendments needed to be made to the wordings in the Article 2.4 of the Constitution in page 6 as follows:

The original word ".....Fellows, Members....." had been replaced with ".....Corporate Members who are not Professional Engineers registered under the Registration of Engineers Act 1967,.....".

YBhg. Dato' Paduka President then continued to explain that in the previous revision to the Constitution and Bylaws, all Corporate and Graduate members of IEM were entitled to use the title "Engr." However, it was proposed that the Constitution be amended to "..... Corporate Members who are not Professional Engineers registered under the Registration of Engineers Act 1967,.....".

YBhg. Dato' Paduka President further informed that the amendment was proposed after taking into consideration that there could be confusion with Professional Engineers who were entitled to use both the titles. It was noted that under The Registration of Engineers Act, a Professional Engineer was entitled to use the title "Ir." but as a Corporate Member of IEM, he/she would also be entitled to use the title "Engr." and this had brought about some confusion. The AGM was informed that Council then proposed the amendment to allow Corporate and Graduate Members who were not eligible to use the "Ir." title be allowed to use the title "Engr."

7.1 Ir. Kor Fong Yong (M03877) commented that using the "Engr." would confuse the public with the title "Ir." He felt that a press release should be made to eliminate the confusion. YBhg. Dato' Paduka President thanked Ir. Kor Fong Yong for his comments and would propose that the Council deliberate on this issue and publicise it.

7.2 Ir. Jagathisen Siva Perumal (M05107) commented that he was still confused with the title "Engr." since both the IEM Corporate and the Graduate members were given the same title.

YBhg. Dato' Paduka President explained that all IEM Corporate and Graduate members should be able to use the title "Engr." so as to inform the public that he/she was an engineer. YBhg. Dato' Paduka President continued by saying that for the registered Professional Engineers he/she was required by the Law to use the title "Ir." and to use the PEng at the end of his/her name. As for those IEM Corporate and Graduate members who were not registered Professional Engineers, IEM would like them to use the title "Engr."

7.3 Ir. Tang Keng Lock (M03784) queried on Corporate Members who were Professional Engineers whether they were entitled to use the "Engr.?" YBhg. Dato' Paduka President informed that the Professional Engineers had the legal right to use the title "Ir.". However, Ir. Tang Keng Lock continued to question as to why IEM was still using the "Engr." for the Corporate Members who were Professional Engineer. YBhg. Dato' Paduka President pointed out that the alterations had not been made yet only with the amendment, they would not be able to use the title "Engr."

7.4 YBhg. Datuk Wira Ir. Md. Sidek Ahmad (F07345) informed the AGM that the title "Ir." was for Professional Engineer status and was mandated in the Registration of Engineers Act. He indicated that IEM is an association and hence was not mandated with any regulatory function. He further queried whether there was a need for an association to provide a title for its members.



YBhg. Datuk Wira Ir. Md. Sidek Ahmad (F07345) agreed with some of the members' comments that there should not be any further confusion and felt that one title should be good enough and that there was no reason to distinguish with another title.

YBhg. Dato' Paduka President then explained the history of IEM as what had been informed by Ir. TT Chiam, and that the title "Ir." was first created by IEM for its Corporate and Graduate members to use. As a result of the title being "taken over" by BEM, it was included into the Act of Parliament and thereafter IEM could not use the title "Ir." for all its members.

The Council had deliberated and felt that it would be good for the members to use the title "Engr." so as to let the public know that they were engineers as what had been practised before the BEM took over the title.

This was agreed at the AGM held about three to four years ago that an additional title should be given to the members. Hence, YBhg. Dato' Paduka President explained that the amendment was to limit the scope of the title "Engr." and also to avoid confusion to the public.

- 7.5 Ir. Tang Keng Lock (M03784) proceeded to enquire that should IEM continue with the amendment, he suggested that those who were Corporate Members and not PEng and the Graduate member should be able to use the title "Engr." and hence providing an identity to the members of The Institution. IEM should not have the BEM involved in this issue as this was the Institution's affair.
- 7.6 Ir. Kor Fong Yong (M03877) felt that the issue need not be discussed further as it seemed to confuse the members as well as the public. He cited that the Annual Report had the Corporate Members with the title "Engr."
- 7.7 Ir. Mah Soo (F11102) commented that the confusion would arise when both the Corporate and Graduate members were to use the title "Engr.". He suggested that members attending the activities of IEM should use the title "Engr.". However, it would be up to the Corporate Member whether he would want to use the title "Ir." as this was required in The Registration of Engineers, Act.
- 7.8 YBhg. Academician Dato' Ir. Lee Yee Chong (F00220) pointed out that the designation "Ir." had international recognition. YBhg. Academician Dato' Ir. Lee informed that the Europeans such as the Dutch and even the architects in Indonesia were using the title "Ir." He felt that the amendment would have IEM moving into the right direction. YBhg. Academician Dato' Ir. Lee also supported the comments of the Past President, Ir. TT Chiam that IEM should convince the BEM to get back the title "Ir." so as to restore the status quo for IEM's Corporate and Graduate members. YBhg. Academician Dato' Ir. Lee Yee Chong also believed that the proposed amendment would actually lessen the confusion.
- 7.9 Ir. Mohamed Kamal bin Jamaluddin (M03850) cited his views that IEM should focus on the knowledge, efficiency, competency and the ability to show professionalism. He commented that by having these criteria addressed, it would not really matter whether one used the title "Ir." or "Engr."
- 7.10 YBhg Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin (F01019) agreed with YBhg. Academician Dato' Ir. Lee Yee Chong's suggestion that the title "Ir." has international recognition. YBhg Datuk Ir. (Dr) Hj Ahmad Zaidee informed the AGM that he was in the WFEO and also a panel member for the Academy of Science Malaysia and it was clear that internationally be it South Africa, Europe and other countries, the title "Ir." seemed to be acceptable.

However, he felt that the graduate engineers should also be given recognition. He believed that the public recognised the title "Ir." as it had been patented in The Registration of Engineers Act. Whereas the title "Engr." was an organisational identification which he considered would be useful and would also encourage the young engineers to display their profession. Hence, YBhg Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin supported the proposed amendment.

YBhg Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin also commented on the industrial training for young engineers. He informed that in western countries, the students were given one (1) year of industrial training compared to Malaysia whereby only three (3) months were given.

He added that in Malaysia the industrial training was too diluted and below standard. He suggested that the industrial training period should be extended so as to enable the students to be exposed fully in the industrial sector.

- 7.11 Ir. Muhamad Apanidi bin Osman (M06253) questioned members whether they had read the section on the use of the prefix "Ir." from The Registration of Engineers Act. He informed that the Act stated that a person should not carry any prefix that would mislead the public that he was a qualified person. It was noted that the title "Ir." would mean that the person was qualified.
- He further queried that should IEM were to provide the title "Engr.", would the person be qualified? He commented that it would not be appropriate to give the "Engr." title to a person who may not be qualified.
- 7.12 Ir. Noor Hisham (F11497) felt that the title "Engr." should be maintained. He agreed that Corporate Members who were not Professional Engineers should be decoupled from the Professional Engineers by using the title "Engr." and for those who were Professional Engineers, they should use the title "Ir." as in accordance with The Registration of Engineers Act. He agreed that the graduate members should use the title "Engr."

He then informed the AGM that this issue had been deliberated for the last few years on whether to use the title "Engr." and whether this had confused the public. He felt that the AGM should focus on what actually the amendment should be.

YBhg. Dato' Paduka President reiterated what Ir. Muhamad Apanidi Osman mentioned that under The Registration of Engineers Act only a qualified person could use the title "Ir." or any other title. The BEM felt that the title "Engr." would confuse the public and they would assume that the said title would be equivalent to the title "Ir.". Hence, the Council felt that the solution would be to decouple it. As a result, it was agreed that those who were registered Professional Engineers would use the title "Ir." and those who were Corporate Members of IEM but not registered Professional Engineers as well as Graduate members would be allowed to use the title "Engr."





- 7.13 YBhg. Datuk Wira Ir. Md. Sidek Ahmad (F07345) requested for clarification whether with this amendment, the title “Engr.” would be made formal in a way that it would be considered as a professional title. He commented that when this “title” was first introduced, it was done informally so as to provide an identification for the members especially those who were not Professional Engineers for example; “En”, “Tuan” etc. He hoped that the amendment would not breach the original intention.

YBhg. Dato’ Paduka President then explained that the original intention of what YBhg. Datuk Wira Ir. Md. Sidek mentioned was that IEM wanted to have a branding for its members. Unfortunately, the title “Engr.” was meant for the Corporate Members and hence had caused confusion among the public. Dato’ Paduka President commented that since the Council members have also been using the title “Engr.” it gave an impression to the public that this title was equivalent to the title “Ir.”. As a result, this had put the BEM in a dilemma.

YBhg. Dato’ Paduka President further explained that should the graduate members were to use the title “Ir.”, it would mean that this title was equivalent to the “Ir.” and hence, the BEM would have to take action against the graduate members of the Institution. In order not to confuse the public, the proposed amendment of the Article 2.4 would make clear to the public that the title “Engr.” signifies that the person was a qualified engineer but not a registered Professional Engineer. Hence, the IEM Constitution allowed for the amendments to be made on the Article 2.4.

Dato’ Paduka President then requested for further proposal for changes. Since there were no further comments, YBhg. Dato’ Paduka President requested for a show of hands to indicate the consent of the members. The Graduate members were reminded to refrain from voting.

The results were tabulated as follows: -

Venue	Number of votes in Favour	Number of votes not in Favour
Auditorium	84	7
Room 1	77	11
Room 2	18	1
<b>TOTAL</b>	<b>179</b>	<b>19</b>

The AGM confirmed that 179 votes were in favour of the proposed amendments whereas 19 votes were not in favour. The AGM approved the proposed amendments to be sent to all Corporate Members for approval via postal ballot.

## 8.0 PAST PRESIDENTS TO SERVE THE COUNCIL

- 8.1 YBhg. Dato’ Paduka President informed the AGM that invitations to serve the Council had been extended to the Past Presidents. The following Past Presidents had been invited and had accepted the invitation:

1. Y. Bhg. Dato’ Ir. Pang Leong Hoon
2. Y. Bhg. Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin
3. Y. Bhg. Academician Ir. Dato’ Lee Yee Cheong
4. Ir. Dr Gue See Sew
5. Y. Bhg. Datuk Ir. Ow Chee Sheng

## 9.0 PRESENTATION OF MEMENTOS TO RETIRING COUNCIL MEMBERS

- 9.1 YBhg. Dato’ Paduka President thanked Council Members who were retiring from office for the 2008/2009 session and invited them to receive tokens of appreciation. The Honorary Secretary, Ir. Prof Madya Dr. Jeffrey Chiang Choong Luin read the names of all those who would be retiring and the President presented the tokens to them.

## 10.0 LONG SERVICE AWARD TO STAFF

- 10.1 YBhg. Dato’ Paduka President presented the Long Service Award to En. Zulheimy bin Ma’amor who had served the Institution for 10 years.

The staff received a cheque and a Certificate of Appreciation.

## 11.0 HANDOVER OF CHAIN OF OFFICE

- 11.1 YBhg. Dato’ Paduka President thanked the Council, the Excomm and all members of the Institution for the support given to him for the past two (2) years. YBhg. Dato’ Paduka President then requested Council and all the members to give the same support to the new President before handing over the Chain of Office to Y.Bhg Dato’ Ir. Prof. Dr Chuah Hean Teik.

## 12.0 ELECTION OF HONORARY INTERNAL AUDITOR

- 12.1 YBhg. Dato’ President proceeded to call for nominations for the position of Honorary Internal Auditors. The Annual General Meeting unanimously elected the following members as Honorary Internal Auditors for the 2009/2010 session.

Member	Proposer	Secunder
Ir. Awangku Hidup bin Awangku Hosain	Datuk Ir. Rosaline Ganendra	Ir. Oon Chee Kheng
Ir. Lee Eng Choy	Ir. Lee Weng Onn	Ir. Hoo Choon Sean



YBhg Datuk Ir. Dr Ow Chee Sheng (F05738) proposed that the nomination be closed and YBhg Dato' Ir. (Dr) Hj Ahmad Zaidee bin Laidin (F01019) seconded the motion. The AGM appointed Ir. Awangku Hidup bin Awangku Hosain and Ir. Lee Eng Choy as the Internal Auditors.

### 13.0 APPOINTMENT OF EXTERNAL AUDITORS

- 13.1 YBhg. Dato' President informed the AGM that the Council had recommended the re-appointment of Messrs KPMG (Chartered Accountants) as the External Auditors. YBhg. Dato' Ir. Prof. Dr Chuah Hean Teik further informed the AGM that Anthony Skelchy & Co had been maintained as the Accountant for the session 2009/2010. The AGM unanimously approved the Council's recommendation and confirmed to re-appointment Messrs KPMG as the External Auditors.

### 14.0 ANY OTHER BUSINESS (AOB)

- 14.1 Lift for the new Building

Ir. CMM Aboobucker (M13942) commented that it was difficult for some members to climb the 68 flights of steps to attend the AGM at the Auditorium of Wisma IEM.

He was told that from next week onwards all talks and other activities would be held at the Wisma IEM. He proposed that a lift be constructed at the new building for easy access for the members. YBhg. Dato' President informed the AGM that the Excomm would be looking into this matter.

- 14.2 IEM Insurance for Members

Ir. Lim Eng Wah (M08898) informed the AGM that the Standing Committee on Welfare and Service Matters initiated a new insurance scheme for the members that would provide comprehensive coverage. He further informed the AGM that the insurance scheme would also provide a passive income to IEM.

### 15.0 PRESIDENTIAL ADDRESS 2009/2010

- 15.1 YBhg. Dato' President was then invited to present the Presidential Address 2009 entitled "Building the Past, Engineering the Present, Educating the Future".

### 16.0 ADJOURNMENT OF 50TH ANNUAL GENERAL MEETING 2009

- 16.1 YBhg. Dato' President declared the 50th Annual General Meeting adjourned at 12:00 noon. The President reminded members that the Annual Dinner would be held at Imperial Ballroom, One World Hotel, Bandar Utama, Petaling Jaya.

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

Ir. Prof. Madya Dr. Jeffrey Chiang Choong Luin  
Setiausaha Kehormat



<b>NO</b>	<b>NAME</b>	<b>MEMBERSHIP NO</b>	<b>CORPORATE MEMBER</b>	
<b>HONORARY FELLOW</b>				
1.	YBhg Dato' Ir. Pang Leong Hoon	Hon.F00015	61. Ir. Abdul Razak Arsat	17199
2.	Academician Dato' Ir. Lee Yee Cheong	00220	62. Ir. Abdul Wahid Paijo	18631
3.	Ir. Chiam Teong Tee	00275	63. Ir. Abdullah Othman	11026
<b>FELLOW</b>				
4.	YBhg Datuk Ir (Dr) Ahmad Zaidee Laidin	01019	64. Ir. C M M Aboobucker	13942
5.	YBhg. Dato' Ir. Dr. Abu Hashim Abd Ghani	02908	65. Ir. Dr. Ahmad Anuar Othman	13148
6.	Ir. Aminuddin Mohd Baki	15137	66. Ir. Ahmad Mayadi Ismail	36844
7.	Ir. Badrul Hisham Mohd Ali	12035	67. Ir. Ahmad Razmi Abd Ghaffar	09937
8.	Ir. Chen Kim Kieong, Vincent	05128	68. Ir. Ali R. Ebadi	13440
9.	Ir. Chiew Kee Lin	03168	69. Ir. Al-Khairi Mohd Daud	14670
10.	Ir. Ching Chin Chuan	05822	70. Ir. Ang Boh Kheng	02886
11.	Ir. Chong Boo Choon	01936	71. Ir. Ang Mei Yu, Augus	06981
12.	Ir. Choo Kok Beng	02828	72. Ir. Ang Toon Thuat	17941
13.	Ir. Chong Pik Eng	01214	73. Ir. Awangku Hidup Awang Hosain	03053
14.	YBhg Dato' Ir. Prof. Dr Chuah Hean Teik	09157	74. Ir. Aziz Deraman	17935
15.	Ir. Dr. Faisal Abdullah	02824	75. Ir. Azman Hj Omar	04175
16.	Y.Bhg Dato' Ir. Foong Choy Chye	03799	76. Ir. Beh Kim Boon	16294
17.	Ir. Goh Kar Bung	08013	77. Ir. Bhupinder Singh Brar a/l Kirpal Singh Brar	34419
18.	Ir. Dr. Gue See Sew	03975	78. Ir. Boon Chuan Kok	16788
19.	Ir. Hoo Choon Sean	02312	79. Ir. Chai Shiao Ann	20497
20.	Ir. Hee Meng Chor	13947	80. Ir. Chan Hoe Cheong	29066
21.	Ir. Ishak Abdul Rahman	02106	81. Ir. Chan Sin Sang	04750
22.	Ir. Dr. Jong Nyon Tchan, Edwin	18877	82. Ir. Chan Yee Yan	18526
23.	YBhg. Dato' Paduka Ir. Hj. Keizrul Abdullah	01691	83. Ir. Chan Zhi Han	29706
24.	Ir. Lee Boon Chong	08092	84. Ir. Chang Yew Cheong	18762
25.	Ir. Lee Chong Kiow	04785	85. Ir. Cheang Kok Meng	05221
26.	Ir. Lee Teang Shui	03848	86. Ir. Chen Khar Ye	16552
27.	Ir. Lee Weng Onn	08103	87. Ir. Cheng Heang Swee	26952
28.	Ir. Leong Meng Chow	02811	88. Ir. Chew Chong Way	08870
29.	Ir. Lo Chong Chiun	06753	89. Ir. Chew Leak Yau	16406
30.	Ir. Loi Kay Phooi, David	09917	90. Ir. Chiang Chew Leong	15783
31.	Ir. Look Keman Sahari	07295	91. Ir. Assoc. Prof. Dr. Chiang Choong Lwin, Jeffrey	20286
32.	Ir. Luk Chau Beng	11389	92. Ir. Chiew Siong Huat	18229
33.	Ir. Ma Meng Fook	13496	93. Ir. Chin Thiam Loong	06913
34.	Ir. Mah Soo	11102	94. Ir. Chin Wei Choong	03728
35.	Ir. Hj. Md Mazlan Md Ismail Merican	07432	95. Ir. Chin Yit Khuan	13399
36.	YBhg Dato' Wira Ir. Md Sidek Ahmad	07345	96. Ir. Choi Yet You	20385
37.	Ir. Hj Mohamad Ali Yusoff	01974	97. Ir. Chong Chi Koong	18794
38.	Ir. Mohd Aman Hj Idris	02176	98. Ir. Chong Choong Fiee	08370
39.	Ir. Mohd Khir Muhammad	18791	99. Ir. Chong Fook Chow	03956
40.	Ir. Ng Kok Peng	03745	100. Ir. Chong Jun Hock	21658
41.	Ir. Dr. Ng See Seng	01298	101. Ir. Chong Kwet Hin	04071
42.	Ir. Noor Hisham Yahya	11497	102. Ir. Chong Sun Fatt	04977
43.	Ir. Dr. Ooi Teik Aun	01249	103. Ir. Chong Tzih Sen	07859
44.	Ir. Oon Chee Kheng	08530	104. Ir. Chong Woei Heng	22025
45.	YBhg Datuk Ir. Prof. Dr. Ow Chee Sheng	05738	105. Ir. Chong @ Cheong Chi Sum	12157
46.	YBhg Datuk Ir. Rosaline Ganendra	06033	106. Ir. Choo Chee Ming	23927
47.	Ir. Prof. Dr. Ruslan Hassan	03541	107. Ir. Choo Teck Hin	14540
48.	Y.Bhg Dato' Ir. Samsuddin Ismail	06923	108. Ir. Chooi Chin Swee	03458
49.	YBhg. Dato' Ir. (Dr) Seo Kian Haw, Andy	13276	109. Ir. Chooi How Leong	01823
50.	Ir. Shamuri Amat Waridi	02581	110. Ir. Chook Chan Seng	13015
51.	Ir. Dr. Tan Chee Lin, Phillip	12562	111. Ir. Chu Pak Eng	02169
52.	Ir. Tan Keng Heng	02699	112. Ir. Chun Chia Bing	18753
53.	Ir. Tan Yean Chin	11712	113. Ir. Dr Chung Boon Kuan	16910
54.	Ir. Assoc. Prof. Dr. Tee Tiam Ting	03303	114. Ir. Ellias Saidin	10100
55.	Ir. Thum Kum Weng	01513	115. Ir. Endok Sempo Mohd Tahir	28367
56.	Ir. Tu Yong Eng	15448	116. Ir. Fan Chun Yee	18703
57.	Ir. Yim Hon Wa	08247	117. Ir. Fathullah Razzaq Ghazali	19592
58.	Ir. Yusoff Md Nasir	08713	118. Ir. Ferng Meow Chong @ Feng Meow Chong	00682
59.	Ir. Yusouf Ahmad	05627	119. Ir. Foo Kai Jaan	22304
60.	Ir. Zawawi Embong	07396	120. Ir. Foong Mun Yan	02993
			121. Ir. Fred Devakumar Stephen Navaratnam	04758
			122. Ir. Fung Seng Oon	17611
			123. Ir. Ghori Mohammed Abd Majeed Mustaffa	18506
			124. Ir. Goh Chee Eng	04108



125. Ir. Goh Gin Han	00945	191. Ir. Lim Chin Keat	07526
126. Ir. Gunasagaran a/l Kristnan	08216	192. Ir. Lim Ching Soon	07013
127. Ir. Han King Guan	07866	193. Ir. Lim Chor Pin	08818
128. Ir. Han Seng Kong	13421	194. Ir. Lim Ee Chui	17376
129. Ir. Hayati Abdullah	16513	195. Ir. Lim Eng Hwa, Gary	08898
130. Ir. Heng Aik Chau	12603	196. Ir. Lim Poo Lee	05448
131. Ir. Ho Choon Kwang	17178	197. Ir. Lim Tian Lu	12778
132. Ir. Hooi Kam Seng	04586	198. Ir. Lim Wai Tat	18059
133. Ir. Hoong Farn Cheong, Alvin	30798	199. Ir. Lit Moon Koi	10235
134. Ir. Hor Yuen Kwan	17680	200. Ir. Lo Seng Ling	22779
135. Ir. Hui Hin Yee	13450	201. Ir. Loi Tuck Chow	18933
136. Ir. Ishak Mohd Ibrahim	04655	202. Ir. Loo Kin Leong	22575
137. Ir. Jagathisen s/o Siva Perumal	05107	203. Ir. Loo Moon Whai	02274
138. Ir. Jasvinder Singh	12812	204. Ir. Mah Peng Cheah	13724
140. Ir. Jayaseelan Nadarajah	14445	205. Ir. Maimun @ Mahmood Hj Taib	02520
141. Ir. Jayasingam a/l Sinnappoo	05979	206. Ir. Manogaran s/o K Raman	08218
142. Ir. Jeewa s/o Vegadasalam	05986	207. Ir. Mohamad Rosli Che Abdullah	23897
143. Ir. Juares Rizal Abd Hamid	04562	208. Ir. Mohamad Shahril Yope @ Yahya	14960
144. Ir. Kamal Pasha Mokhtar	23031	209. Ir. Mohamed Abdul Aziz	11111
145. Ir. Kamarudin Abd Karim	12533	210. Ir. Mohamed Kamal Jamaluddin	03850
146. Ir. Kasman @ Ab Rahman Pardi	03430	211. Ir. Mohamed Nor Mohd Dros	07469
147. Ir. Kassim Omar	04504	212. Ir. Mohd Azha Abu Samad	16254
148. YBhg Dato' Ir. Kazal Sinha	02099	213. Ir. Mohd Azhari Che Omar	26855
149. Ir. Kee Yu Kiong	22675	214. Ir. Mohd Azwira Mohd Azmi	22409
150. Ir. Khor Hock Keat	03670	215. Ir. Mohd Isa Ibrahim	11222
151. Ir. Khor Kong Chong	13301	216. Ir. Mohd Khairuddin Shafie	27646
152. Ir. Khor Kong Kee	01129	218. Ir. Mohd Mazni Abd Aziz	05403
153. Ir. Khor Peng Seong	12709	219. Ir. Mohd Redzuan Mohd Ramli	13780
154. Ir. Koh Fong Chong	16620	220. Ir. Mohd Saiful Mustafa	29074
155. Ir. Koh Wei Sang	16432	221. Ir. Mohd Shaifuddin Abdul Razak	34178
156. Ir. Kon Chau Hwa	05026	222. Ir. Prof. Dr. Mohd Zamin Jumaat	09284
157. Ir. Kor Fong Yong	03877	223. Ir. Muhamad Apandi Osman	06253
158. Ir. Kuan Yen Ping	16629	224. Ir. Muhamad Resdi Abd Manaf	30670
159. Ir. Kumar KPK Shanmugan	20267	225. Ir. Musa Hj Mustakim	11301
160. Ir. Kumaran A. Narayanan	15747	226. Ir. Mustafa Berahim	13107
161. Ir. Lai Seak Chin	23172	227. Ir. Nazurul Azuan Abdul Aziz	32688
162. Ir. Lai Sze Ching	04687	228. Ir. Ng Ah Chung	15445
163. Ir. Lam Yoon Cheong	08816	229. Ir. Ng Chee Sing	26399
164. Ir. Lan Lee Yeng	07826	230. Ir. Ng Jin Seng	15807
165. Ir. Lau Chee Wai	05468	231. Ir. Ng Kam Weng	03684
166. Ir. Lau Hui Leong	29697	232. Ir. Ng Kian Lai	06331
167. Ir. Lau Tai Onn	03704	233. Ir. Ng Kien An	16214
168. Ir. Law Chung Lim	22672	234. Ir. Ng Kok Joo	15808
169. Ir. Lee Ah Soon	01313	235. Ir. Ng Peng Yuen	11963
170. Ir. Lee Chow Khweng	06025	236. Ir. Ng, Robert	01655
171. Ir. Lee Eng Choy	08979	237. Ir. Ng Teik Poh	13463
172. Ir. Lee Keh Ren	24384	238. Ir. Ng Yek Kan	03559
173. Ir. Lee Loi Kong	26909	239. Ir. Ng Yong Kong	05043
174. Ir. Lee Man Chong	16640	240. Ir. Nuzor Salleh	14222
175. Ir. Lee Mun Poh	08600	241. Ir. Ong Beng Hoe	12715
176. Ir. Dr. Lee Sze Wei	20320	242. Ir. Ong Boo Soon	21880
177. Ir. Leong Chee Tuck	09665	243. Ir. Ong Ching Loon	11938
178. Ir. Leong Chin Sean	02784	244. Ir. Ong Sang Woh	06634
179. Ir. Leong Mun Yew	17730	245. Ir. Oo Eng Hai	09384
180. Ir. Leow Kay Pin	02859	246. Ir. Ooi Hock Lye	15897
181. Ir. Lew Wing Kwong	02760	247. Ir. Oon Kee Hua	04516
182. Ir. Li Thang Fai	15803	248. Ir. Pang Kia Kim	22014
183. Ir. Lieng Wei Ming	17372	249. Ir. Pang San Moh	14936
184. Ir. Liew Chin Sing, Matthew	18368	250. Ir. Quah Ewe Hock	02680
185. Ir. Liew Khee Leong	14505	251. Ir. R Govinda Rajoo s/o Rama Das	10711
186. Ir. Liew Yoke Loy	07875	252. Ir. Ragbir Singh Dhillon	08217
187. Ir. Lim Ah Bah	03263	253. Ir. Razmahwata Mohd Razalli	17029
188. Ir. Lim Beng Hian	18592	254. Ir. Rizal Abu Bakar	30665
189. Ir. Lim Boon Chye, Boone	10490	255. Ir. Rosdi Jusoh	34423
190. Ir. Lim Chee Peng	04530	256. Ir. S Yogan a/l K. Sathiyagnany	18411



257. Ir. Sabirin Selamat	02403
258. Ir. Said Udin Abd Talib	17276
259. Ir. Selamat Aliman	08924
260. Ir. Selva Kumar Rasiah	02749
261. Ir. Sew Shuh Tyng	11409
262. Ir. Lt Kol (R) Shahar Abdullah	10855
263. Ir. Shanmugaraj C. T. Pillai	03043
264. Ir. Shuib Sahudin	11991
265. Ir. Shukhen Dutt	15781
266. Ir. Sim Gan Poh	13727
267. Ir. Siow Koi Tan	06610
268. Ir. Sooi Woi Kheng	09046
269. Ir. Soon Kong Wang	18749
270. Ir. Soong Sow Meng	04565
271. Ir. Dr. Tajul Arus Noh	01111
272. Ir. Tan Chee Seng	08821
273. Ir. Tan Chee Yen	24336
274. Ir. Tan Cheng Peng	21134
275. Ir. Tan Hang Beng	02998
276. Ir. Tan Hua Chun	21296
277. Ir. Tan Jee Aun	17194
278. Ir. Tan Kian Soon	18938
279. Ir. Tan Kim Tiang	12274
280. Ir. Dr. Tan Kuang Leong	13221
281. Ir. Tan Lay Oi	16354
282. Ir. Tan Loo Shyang	14648
283. Ir. Tan See Kok	02152
284. Ir. Tan Wang Khai	28838
285. Ir. Tang Chee Yong	11694
286. Ir. Tang Chin Chuai	14282
287. Ir. Tang Fatt Seng	05871
288. Ir. Tang Keng Lock	03784
289. Ir. Tang Tai Teng	02372
290. Ir. Tee Kok Ching	15255
291. Ir. Teh Heng Kee	31520
292. Ir. Teh Guan Hoon	21058
293. Ir. Teh Lai San	16848
294. Ir. Teh Pian Ngi	05327
295. Ir. Teh See Tee	08139
296. Ir. Teh Tzyy Wooi	20051
297. Ir. Ten Fui Chan, Kenneth	12020
298. Ir. Ten Pang Sin	19972
299. Ir. Tham Kim Swee	14468
300. Ir. Tham Kwai Heng	07931
301. Ir. Than Yoke Choy	04608
302. Ir. Ting Kang Ngii	11795
303. Ir. Ting Tiew Whong	24193
304. Ir. Ms. Toh Ai Ching	03187
305. Ir. Tu Yin Fee	13729
306. Ir. Hj. Tunai Hj Shamsidi Ahmad	07434
307. Ir. Ulaganathan a/l Eddikan	25787
308. Ir. Voon Yok Lin	04952
309. Ir. Wan Amzari Abd Halim	20190
310. Ir. Wan Ting Sze	05844
311. Ir. Wong Chee Fui	20903
312. Ir. Lt Kol (B) Wong Chiang Heng	07179
313. Ir. Wong Choo Meng	03206

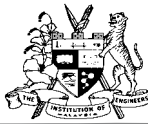
314. Ir. Wong Chuen Fun, Richard	07180
315. Ir. Wong Heng Kuen	19237
316. Ir. Wong Kim Yen	01450
317. Ir. Phillip Wong	13736
318. Ir. Wong Tuck Seng	15321
319. Ir. Wong Tuck Woh	03489
320. Ir. Wong Tuck Yoon	12228
321. Ir. Wong Yee Chen	14308
322. Ir. Yam Teong Sian	05613
323. Ir. Yap Hong En	33878
324. Ir. Yau Chau Fong	20215
325. Ir. Yazid Hassan	10085
326. Ir. Yeap Swee Cheong	24349
327. Ir. Yee Tien Seng	03177
328. Ir. Yee Yew Weng	16324
329. Ir. Yeo Joo Kun	03561
330. Ir. Yew Teik Kuan	17212
331. Ir. Yong Hee Leong	05457
332. Ir. Yong Hong Liang	21589
333. Ir. Yong San Chung	04614
334. Ir. Yu Suen Keat	29772
335. Ir. Zainal Abidin Hamzah	06556
336. Ir. Zainal Ariffin Osman	16177
337. Ir. Zulkeflee Khalidin	04582

**GRADUATE**

338. Engr. Ahmad Shahidan Said	14164
339. Engr. Azham Malik Mohd Hashim	14808
340. Engr. Azriel Azim Azelan	35549
341. Engr. Chan Sheve Pyng	32641
342. Engr. Chin Yik Ming	27227
343. Engr. Feroz Hanif Mohamed Ahmad	36924
344. Engr. Hanafiah Shamsudin	31725
345. Engr. Lai Chuan Hoong	33730
346. Engr. Low Soon Aik	26500
347. Engr. Muhammad Faidzal Zainal	24494
348. Engr. Navinderan a/l Mageswaran	34389
349. Engr. Ng Min Li	24064
350. Engr. Ravin Palany	28792
351. Engr. Shamsul Bahary	20383
352. Engr. Shuhairy Norhisham	32614
353. Engr. Sia Hua Jiuh	34360
354. Engr. Suresh a/l Ehambaram @ Yegambaram	20692
355. Engr. Tan Kwok Hui	32646
356. Engr. Tay Kim Moh, Danny	20206
357. Engr. Tee Chee Lik	30553
358. Engr. Vivekananda Murugesu	05808

**OBSERVERS**

359. Mr. Joeheir	
360. Cik. Masdalina Sanusi	
361. En. Mohd Saleh Othman	



**MINIT MESYUARAT AGONG TAHUNAN KE-50 INSTITUSI JURUTERA  
MALAYSIA (IEM) YANG DIADAKAN PADA 18 APRIL 2009 DI  
AUDITORIUM, WISMA IEM, PETALING JAYA PADA PUKUL 9.00PAGI.**

**KEHADIRAN AHLI – SEPERTI LAMPIRAN A**

**1.0 UCAPAN ALUAN OLEH YANG DIPERTUA**

- 1.1 Yang Dipertua IEM, Y.Bhg Dato' Paduka Ir. Hj Keizrul bin Abdullah mengalualukan kesemua ahli yang hadir dan memulakan Mesyuarat Agong Tahunan (MAT) kali Ke-50 pada jam 9.00 pagi. Yang Dipertua memaklumkan bahawa IEM telah ditubuhkan pada 1 Mei 1959 dan ini merupakan julung kalinya IEM mengadakan MAT di Wisma IEM. Y.Bhg Dato' Yang Dipertua dalam mengucapkan terima kasih kepada ahli-ahli dan organisasi yang telah memberi sumbangan kepada bangunan baru itu, juga telah memaklumkan kepada MAT bahawa sumbangan yang diterima masih tidak mencukupi untuk menyelesaikan pinjaman yang telah diambil bagi pembelian bangunan baru itu.
- 1.2 Sebelum memulakan Mesyuarat Agong Tahunan, Y.Bhg Dato' Yang Dipertua meminta ahli yang hadir supaya bertafakkur seminit sebagai tanda penghormatan kepada Bekas Yang Dipertua IEM, Allahyarham Ir. Tuan Hj Razali Bin Bidin yang telah meninggal dunia pada 9 Februari 2009 dan juga kepada Felo Kehormat IEM, al-Marhum DYMM Tuanku Jaafar Ibni al-Marhum Tuanku Abdul Rahmam, Yang Di Pertuan Besar of Negeri Sembilan.
- Y.Bhg Dato' Yang Dipertua memaklumkan bahawa meski pun MAT diadakan di Wisma IEM, tetapi masih memerlukan 3 bilik yang berbeza memandangkan kehadiran ahli yang ramai dan dengan itu MAT akan dijalankan dan secara konferensi video. Staf sekretariat akan berada di setiap bilik untuk membantu ahli yang akan mengemukakan soalan serta memberi bantuan yang diperlukan sepanjang berlangsungnya MAT.
- 1.3 Sebelum bermulanya majlis MAT, MAT bersetuju dengan cadangan Y.Bhg Dato' Ir. Pang Leong Hoon bahawa Agenda MAT perlu dipinda. Y.Bhg Dato' Ir. Pang Leong Hoon menyatakan bahawa isu berkaitan lain-lain hal harus merupakan perbincangan terakhir dalam Agenda. Cadangan tersebut telah dipersetujui oleh ahli-ahli yang hadir di MAT. MAT bersetuju bahawa Agenda akan di pinda dan di praktikan pada tahun hadapan.

**2.0 PENGESAHAN MINIT MESYUARAT AGONG TAHUNAN KE-48 YANG TELAH BERLANGSUNG PADA 19 APRIL 2008.**

- 2.1 Y.Bhg Dato' Yang Dipertua kemudian telah meneliti minit mesyuarat daripada muka surat 42 ke 48 dalam Laporan Tahunan seraya mempelawa ahli yang hadir untuk memberi maklum balas jika terdapat kesilapan dalam catatan minit.
- Y.Bhg Dato' Yang Dipertua juga merakamkan penghargaan kepada Ir. Dr Muhamad Fuad Abdullah kerana bantuannya untuk menyunting minit dalam Bahasa Malaysia. Minit versi Bahasa Malaysia terdapat dalam muka surat 52 ke 58.
- Ir. Chong Boon Choon (F01936) memaklumkan bahawa nama beliau telah tersalah ejaan di muka surat 49 senarai kehadiran ahli (no 13). Ia telah dieja sebagai Ir. Chong Boo Choo
- Ir. CMM Aboobucker (M13942) telah memberi pandangan bahawa penggunaan "Bukan Ahli" sebagai tajuk di muka surat 51 senarai kehadiran ahli adalah luarbiasa terutamanya bagi Mesyuarat Agong Tahunan. Dia merasakan bahawa perkataan "Pemerhati" lebih sesuai dari "Bukan Ahli". MAT bersetuju dengan pandangan tersebut.
- Ir. Dr Chan Sin Fatt (F00269) memberi komen bahawa beberapa perkataan di permulaan perkara 15.1 patut diubah kepada "Yang Dipertua memulakan Mesyuarat Agong Tahunan Ke-49....." dan bukan "..... Mesyuarat Agong Tahunan Ke-48....."
- 2.1 Memandangkan tiada lagi sebarang pindaan dibangkitkan, Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin (F01019) telah mencadangkan minit Mesyuarat Agong Tahunan Ke-49 yang diadakan pada 19 April 2008 disahkan. Cadangan tersebut disokong oleh Ir. Ishak bin Abdul Rahman (F02106) dan diterima dengan sebulat suara oleh ahli yang hadir.

**3.0 PERKARA BERBANGKIT**

Y.Bhg Dato' Yang Dipertua kemudian telah memilih perkara-perkara berikut di dalam minit yang memerlukan respon dan memberi penjelasan kepada perkaraperkara tertangguh yang telah dibangkitkan di MAT Ke-49 dan tercatat di dalam minit mesyuarat seperti di dalam Laporan Tahunan dari muka surat 42 ke 48. Perkara-perkara berkenaan adalah seperti berikut :

*Muka surat 44- Perkara 4.5.1*

Y.Bhg Dato' Yang Dipertua memberitahu ahli yang hadir bahawa Jawatankuasa Eksekutif, Bahagian-Bahagian Teknikal, dan Jawatankuasa Tetap mengenai Aktiviti telah pun membincangkan isu mengenakan yuran sebanyak RM10.00 bagi menghadiri ceramah dan telah bersetuju bahawa bayaran tersebut adalah berpatutan. Kutipan yuran tersebut adalah untuk menampung kos penganjuran ceramah berkenaan. Jika ada kelebihan, ia akan dimasukkan ke dalam Tabung Bangunan

*Muka surat 45 – perkara 4.5.3*

Y.Bhg Dato' Yang Dipertua memaklumkan bahawa pihak Sekretariat telah menulis kepada organisasi-organisasi berkenaan dan telah mendapat pengesahan bahawa walaupun mesyuarat tidak diadakan, namun Jawatankuasa di organisasi-organisasi ini masih belum dimansuhkan hanya tidak aktif.

*Muka surat 45 – Perkara 4.5.5*

Y.Bhg Dato' Yang Dipertua juga memaklumkan bahawa proses permohonan untuk pelbagai gred keahlian telah dipermudahkan. Kelulusan untuk ahli baru dibuat oleh Jawatankuasa Eksekutif dan dipanjangkan untuk makluman Majlis. Dimaklumkan juga bahawa sebelum ini semua permohonan mesti diluluskan oleh Majlis sedangkan mesyuarat Majlis hanya diadakan sekali setiap 3 bulan. Pemohon keahlian pelajar akan diberi pendaftaran sementara dengan serta merta sementara menunggu proses kelulusan selesai. Surat kelulusan akan di keluarkan dengan serta merta selepas mesyuarat Jawatankuasa Eksekutif.

Y.Bhg Dato' Yang Dipertua kemudian telah mempelawa pertanyaan dari ahli yang hadir MAT berkenaan minit MAT Ke-49

**3.1 Pindaan Perlembagaan IEM Artikel 2.9, 3.1 dan 6.3**

*Muka surat 48, Perkara 11.0*

Ir. Zawawi Embong ((F07396) ingin mengetahui perkembangan terkini berkaitan dengan keputusan proses pengundian Ahli Korporat dan jawapan ROS mengenai pindaan Perlembagaan IEM serta bagaimana IEM Cawangan Sarawak akan bertindak seterusnya dalam hal ini. Y.Bhg Dato' Yang Dipertua menjelaskan bahawa Artikel 6.3 membolehkan mana-mana Cawangan IEM untuk membeli hartanah dengan kebenaran Majlis IEM. MAT telah diberitahu bahawa IEM masih belum menerima sebarang respon daripada ROS kerana lazimnya kelulusan pindaan Perlembagaan akan mengambil masa.

**4.0 LAPORAN TAHUNAN BAGI SESI 2008/2009**

Y.Bhg Dato' Yang Dipertua seterusnya menjemput Setiausaha Kehormat untuk membentangkan Laporan Tahunan Ke-50 daripada muka surat 65 ke 107. Setiausaha Kehormat, Ir. Prof Madya Dr Jeffrey Chiang Choong Luin memaklumkan bahawa sebanyak enam (6) mesyuarat Majlis telah diadakan sepanjang tahun untuk membuat keputusan-keputusan dasar dan hal-hal lain.

Beliau kemudian merakamkan penghargaan kepada semua Pengerusi Jawatankuasa Ad Hoc dan Jawatankuasa Khas yang telah melaksanakan pelbagai tugas untuk Institusi.

Selanjutnya MAT dimaklumkan bahawa Jawatankuasa Eksekutif telah mengadakan sebanyak 19 mesyuarat bagi sesi 2008/2009 untuk mengurustadbir hal ehwal Institusi mengikut Perlembagaan dan Undang-Undang Kecil IEM

**4.1 Pengurusan Sumber Manusia – Hal-hal Sekretariat**

Ir. Prof Madya Dr Jeffrey Chiang Choong Luin melaporkan bahawa terdapat penambahan kakitangan memandangkan jumlah pelbagai aktiviti yang bertambah sepanjang tahun. Ini adalah disebabkan penglibatan IEM yang bukan sahaja di peringkat nasional tetapi juga antarabangsa terutamanya IEM kini merupakan sekretariat untuk pelbagai badan antarabangsa seperti AFEO, AER, dan FEIAP serta menjadi sekretariat Jawatankuasa Pendaftaran dan Pentadbiran Daftar Jurutera Antarabangsa APEC/EMF

**4.2 Keahlian**

Ir. Prof Madya Dr Jeffrey Chiang Choong Luin telah melaporkan bahawa jumlah keahlian IEM tidak bertambah sebelum 2007 dengan jumlah keahlian di antara 15,000 hingga 16,000. Namun, terdapat peningkatan besar dalam jumlah keahlian pada tahun 2007-2008 dari 16,789 ke 21,622. Penghargaan diberikan kepada Pengerusi Jawatankuasa Menggalak Keahlian dan Bimbingan Kerjaya, Ir. Noor Hisham bin Yahaya di atas usaha meningkatkan keahlian Institusi. Dilaporkan bahawa peningkatan jumlah ahli pelajar adalah disebabkan pelbagai usaha untuk menggalakkan keahlian dan juga ceramah kerjaya yang dilaksanakan di pelbagai institusi pengajian tinggi oleh Jawatankuasa Kecil Menggalak Keahlian. Bilangan Ahli Siswazah juga telah meningkat.

Ir. Prof Madya Dr Jeffrey Chiang Choong Luin juga melaporkan bahawa seramai 23 ahli telah diluluskan bagi Daftar Jurutera ASEAN sementara 29 untuk kemasukan ke dalam Daftar Jurutera Antarabangsa APEC/EMF sepanjang tahun.

**4.3 Peperiksaan Siswazah IEM/BEM**

Ir. Prof Madya. Dr Jeffrey Chiang Choong Luin melaporkan bahawa peperiksaan pertama mengikut kurikulum baru akan diadakan dalam bulan Disember 2009.

**4.4 Temuduga Profesional**

Bilangan permohonan menghadiri Temuduga Profesional telah meningkat sepanjang tahun. Dilaporkan bahawa 523 permohonan telah diproses. MAT seterusnya telah dimaklumkan bahawa IEM ada membuat tinjauan mengenai Kualiti Jurutera Siswazah pada tahun lalu. Maklumbalas yang diterima sedang dianalisis dan akan umumkan dalam masa dua (2) bulan.

**4.5 Skim 'Pupilage' atau Latihan Berstruktur bagi Jurutera Muda**

IEM sedang berusaha untuk memperkenalkan skim 'pupilage' atau latihan bagi jurutera muda di samping Program Pembangunan Professional yang sedia ada. Skim tersebut akan diperkenalkan mengikut disiplin bermula dengan empat disiplin utama iaitu Kejuruteraan Sivil, Kimia, Mekanikal dan Elektrik.

**4.6 Wisma IEM**

MAT juga mengambil maklum senarai organisasi yang telah menyumbang kepada kerja membaikpulih bangunan baru samada berbentuk tunai atau di sebaliknya terdiri dari pembekalan dan pemasangan penghawa dingin, sistem siaraya, lampu serta bahan bumbung.

**4.7 Anugerah Cemerlang Yang Dipertua IEM**

Ir. Prof Madya Dr. Jeffrey Chiang Choong Luin melaporkan bahawa bagi sesi 2008/2009, pemenang Anugerah berkenaan adalah seperti berikut:

*Tempat Pertama Bahagian Teknik Kejuruteraan Mekanikal  
Tempat Kedua Bahagian Teknik Kejuruteraan Geoteknik  
Tempat Ketiga Bahagian Teknik Kejuruteraan Awam dan Struktur  
Tempat Keempat Bahagian Teknik Kejuruteraan Elektrik  
Tempat Kelima Bahagian Teknik Khidmat Bangunan  
Antara Terbaik Bahagian Teknik Pengurusan Projek*



Seterusnya telah diambil maklum bahawa tiga pemenang terbaik adalah juga pemenang sejak beberapa tahun lalu dan oleh yang demikian, Bahagian Teknikal yang lain adalah digalakkan untuk mencabar kedudukan tiga Bahagian Teknikal terbaik itu.

#### 4.8 Aktiviti utama

Berikut adalah persidangan yang telah diadakan sepanjang sesi:

- (i) Brownfield Asia 2008 - 3rd International Conference on Remediation and Management of Contaminated Land: Focus on Asia from 21 – 23 October 2008.
- (ii) ICoPM 2008 – International Conference on Project Management which was held in collaboration with the Department of Built Environment of Universiti Malaya from 18 – 21 November 2008.
- (iii) 3rd National Chem-E-Car Competition held on 26 January 2008 where the winner was Universiti Malaya.

#### 4.9 Blog bagi Semakan Akta Pendaftaran Jurutera

MAT dimaklumkan bahawa sebuah blog bagi tujuan Semakan Akta Pendaftaran Jurutera telah disediakan di laman sesawang IEM untuk mendapatkan ulasan dan mengumpul maklumat dari ahli dan orang ramai. Mesyuarat telah mengambil maklum bahawa satu forum telah dianjurkan pada 23 November 2008 oleh Jawatankuasa Tetap Amalan Profesional dan banyak pandangan telah diterima. Ahli dijemput untuk memberikan pandangan dan pendapat mereka dan maklumat ini akan dimuat naik dalam blog tersebut.

#### 4.10 Kejuruteraan 'Hall of Fame'

MAT dimaklumkan bahawa pelawaan untuk pencalonan bagi Kejuruteraan 'Hall of Fame' telah dimuatkan dalam laman sesawang dan sebanyak sembilan (9) pencalonan telah diterima. Mesyuarat mengambil maklum bahawa Jawatankuasa Anugerah akan menilai semua pencalonan tersebut.

#### 4.11 Rumah Terbuka IEM 2008

MAT juga dimaklumkan bahawa Rumah Terbuka IEM 2008 telah diadakan pada 10 Mei 2008 di Wisma IEM dan ini adalah pertama kalinya acara ini diadakan di premis IEM. Mesyuarat mengambil maklum bahawa Rumah Terbuka IEM beberapa tahun sebelum ini telah diadakan di Dewan Tan Sri Mahfuz di JKR. Sebanyak 386 ahli dan keluarga mereka hadir dalam acara ini. Ir. Prof Madya Dr Jeffrey Chiang Choong Luin mengumumkan bahawa pada tahun ini Rumah Terbuka IEM yang dikenali sebagai Hari Keluarga IEM akan diadakan pada 16 Mei 2009 di Tasik Taman Jaya, berhadapan Amcorp Mall dan semua ahli dijemput untuk menghadiri acara tersebut bersama keluarga mereka untuk mempereratkan hubungan sesama ahli.

#### 4.12 Para Pelawat dari Luar Negara

MAT telah dimaklumkan bahawa pada sesi ini, IEM telah menjadi tuan rumah kepada institusi-institusi berikut:

The Institution of Engineering and Technology (IET)  
 Engineers Australia (EA)  
 The Institution of Mechanical Engineers, UK (IMechE)  
 Nigerian Society of Engineers (NSE)  
 Lao Union of Science and Engineering Association (LUSEA)  
 Nigerian Export Promotion Council (PEC)  
 Hong Kong Institution of Engineers Geotechnical Division (HKIE)

#### 4.13 Tabung Pendidikan IEM

Ir. Prof Madya. Dr Jeffrey Chiang Choong Luin memaklumkan kepada MAT bahawa penerima yang telah dipilih untuk menerima biasiswa daripada Tabung ini seperti berikut :

*Tan Sri Datuk Ir. Prof. Chin Fung Kee Memorial Scholarship telah di anugerahkan kepada Encik Tan Yong Woi dari Universiti Pertanian Malaysia (UPM).*

*Ir. Thean Lip Thong Memorial Scholarship telah di anugerahkan kepada Encik Tong Han Seng from Universiti Malaya.*

*Tan Sri Ir. (Dr) Hj. Yusoff bin Hj. Ibrahim Memorial Scholarship telah di anugerahkan kepada Cik Erni Syhada bt. Mazwil Ishan dari Universiti Teknologi Malaysia (UTM).*

*Ir. Koon Yew Yin Scholarship telah di anugerahkan kepada dua orang penerima – Encik Mohd Khairul Anwar bin Mohd Said dan Encik Mohd Hafisz bin Mohd Fuzi dari Universiti Teknologi MARA (UiTM).*

#### 4.14 IEM di Arena Antarabangsa

MAT dimaklumkan bahawa IEM telah memainkan peranan aktif dalam 'ASEAN Federation of Engineering Organisations' (AFEO). IEM telah menjadi Sekretariat AFEO sejak tahun 1998 dan Ir. Tan Yean Chin kini adalah Setiausaha Agong AFEO. Mesyuarat mengambil maklum juga bahawa Ir. Rocky HT Wong kini adalah Ketua Pesuruhjaya Daftar Jurutera ASEAN.





Bagi 'Federation of Engineering Institutions of Asia and the Pacific' (FEIAP) pula, IEM telah dilantik sebagai Sekretariat Tetap sejak 2007. Mesyuarat juga mengambil maklum bahawa Ir. Dr Gue See Sew, Bekas Yang Dipertua IEM adalah Pengerusi Jawatankuasa Antarabangsa APEC/EMF. Ir. Prof Madya Dr Jeffrey Chiang Choong Luin lalu merakamkan penghargaan IEM kepada ahliahli berkenaan yang telah mengorbankan masa dan tenaga mereka demi mengharumkan nama IEM dan seterusnya beristiqamah dalam penglibatan di arena antarabangsa.

#### 4.15 Cawangan-Cawangan IEM

MAT dimaklumkan bahawa IEM Cawangan Sarawak telah dikurniakan sebidang tanah oleh Kerajaan Negeri bagi tujuan pembangunan Pusat Latihan mereka beberapa tahun yang lalu. Mesyuarat juga mengambil maklum bahawa IEM Cawangan Negeri Sembilan telah membeli sebuah bangunan dua tingkat di Pusat Komersial Oakland di mana Ibu Pejabat IEM telah menjadi penjamin bagi pinjaman untuk tujuan tersebut.

Mesyuarat seterusnya mengambil maklum bahawa cawangan-cawangan IEM yang lain juga sedang membuat pembelian asset.

#### 4.16 Mengenai 'Standards Writing Organisation' (SWO)

MAT diberitahu bahawa Bahagian Teknikal Kejuruteraan Awam dan Struktur sedang membantu dalam menyediakan deraf Eurocode 2 dan Eurocode 3 dan pada masa yang sama Bahagian Teknikal Kejuruteraan Geoteknik sedang membantu dalam menyediakan deraf Eurocode 7 untuk SIRIM dan Jabatan Standard Malaysia.

#### 4.17 Ulangtahun IEM Ke-50

MAT telah dimaklumkan bahawa IEM akan menyambut Ulangtahun Ke-50 pada 1 Mei 2009 dan sekalung penghargaan telah diberikan kepada semua ahli kerana sokongan mereka sepanjang 50 tahun ini.

#### 4.2 Y.Bhg Dato' Yang Dipertua mengucapkan terima kasih kepada Setiausaha Kehormat IEM di atas pembentangan Laporan Tahunan dan menjemput ahli untuk memberi sebarang komen atau soalan.

##### 4.2.1 YBhg Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin (F01019) mengucapkan terima kasih kepada Setiausaha Kehormat kerana pembentanganannya dan mengucapkan tahniah kepada IEM di atas peningkatan keahlian pelajar. Namun beliau menyatakan kekesalannya mengenai bilangan ahli siswazah. Beliau seterusnya memberitahu bahawa dalam temuduganya dengan jurutera siswazah muda untuk bekerja di syarikatnya, beliau dapati kebanyakan mereka tidak berminat untuk menjadi ahli IEM. Mereka juga tidak berdaftar dengan BEM dan bukan ahli IEM. Maka beliau cadangkan agar IEM melaksanakan lebih banyak aktiviti menggalak keahlian demi untuk menarik jurutera siswazah untuk menyertai IEM.

Y.Bhg Dato' Yang Dipertua kemudian merayu kepada semua ahli supaya menggalakkan jurutera muda yang bekerja di syarikat mereka untuk berdaftar dengan BEM dan juga menjadi ahli IEM

##### 4.2.2 Ir. Mohamed Kamal bin Jamaluddin (M03850) memaklumkan bahawa beliau telah menghadiri MAT buat kali pertama dan bertanya tentang definisi "Kejuruteraan". Beliau mengesyorkan agar jurutera bertanyakan diri sendiri "Apa yang mereka sebagai jurutera sedang lakukan?" Beliau kemudian bertanya berapa ramai yang telah menggalakkan anak mereka untuk menjadi jurutera dan berpandangan bahawa kebanyakan jurutera hanya berminat untuk 'buat duit'. Beliau seterusnya bertanya mengenai tiga agenda utama IEM, apakah ia 'keahlian', 'sumbangan kepada masyarakat' dan "mengumpul dana?" Beliau menambah bahawa adalah terpujang kepada Institusi untuk memikirkan perkara tersebut.

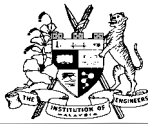
##### 4.2.3 Ir. CMM Aboobucker (M13942) juga bersetuju dengan komen YBhg Dato' Ir. (Dr) Hj Ahmad Zaidee bin Laidin bahawa di sisi undang-undang Negara graduan dikehendaki berdaftar dengan BEM sebagai Jurutera Siswazah. Beliau memberitahu MAT bahawa kebanyakan majikan tidak tahu bahawa para graduan dikehendaki berdaftar dengan BEM dan dia menambah bahawa ketika memohon untuk menjadi Permastautin Tetap (PR) dahulu, beliau telah diminta untuk berdaftar dengan BEM kerana ia adalah undang-undang negara.

Beliau menarik perhatian kepada laporan Setiausaha Kehormat yang menyatakan jumlah keahlian adalah melebihi 21,000 sementara dalam Laporan Tahunan, ada dinyatakan bahawa 4,636 (dalam 25% daripada keahlian) belum membayar yuran tahunan. Ir CMM Aboobucker menyatakan keraguannya tentang minat ahli yang tidak membuat bayaran yuran. Dia berpendapat bahawa IEM merupakan satu-satunya organisasi yang memberi banyak manfaat kepada ahlinya sekaligus menambah nilai kepada keahliannya .

Sebagai ahli pelbagai institusi tempatan dan luar negara, beliau menambah bahawa yuran keahlian IEM adalah yang paling rendah. Beliau seterusnya menyatakan bahawa sesetengah ahli terasa beban untuk membayar RM10 bagi menghadiri ceramah akan tetapi mereka tidak sedar bahawa IEM adalah sebuah badan yang menyediakan ilmu pengetahuan dan menawar peluang pembelajaran berterusan kepada ahlinya, dan beliau berpandangan bahawa setiap ahli IEM sepatutnya berkempen untuk perkembangan ilmu kejuruteraan. Dia merasakan bahawa IEM harus mencari sebab kenapa ahli tidak membayar yuran tahunan; 'samada mereka tidak berpuas hati dengan perkhidmatan yang disediakan'.

Y.Bhg Dato' Yang Dipertua mengucapkan terima kasih kepada Ir. CMM Aboobucker di atas komen yang diberikan dan seterusnya memberitahu MAT bahawa menjadi kesalahan di bawah Akta Pendaftaran Jurutera jika seseorang tidak berdaftar. Seterusnya dinyatakan bahawa Majikan boleh dikenakan denda sebanyak RM50,000 atau (1) tahun penjara jika ia menggaji jurutera siswazah yang tidak berdaftar dengan BEM.

##### 4.2.4 Ir. Noor Hisham (F11497) memaklumkan kepada MAT bahawa beliau ingin berkongsi mengenai status semasa keahlian IEM. Dia melaporkan bahawa bagi kategori MIEM, IEM berjaya menarik sekitar 70% Jurutera Profesional manakala bagi keahlian Jurutera Graduan hanya 15% daripada jumlah Jurutera Siswazah. Keahlian Pelajar IEM pula adalah kurang dari 10% jumlah keseluruhan pelajar kejuruteraan.



Selanjutnya telah dilaporkan bahawa permohonan terkini menunjukkan ianya hanya merangkumi 18% dari jumlah keseluruhan jurutera. Beliau menyarankan agar ahli mencari jalan untuk merekrut lebih ramai siswazah dan jurutera untuk menyertai Institusi.

Ir. Noor Hisham mencadangkan agar ahli jawatankuasa pusat IEM menggunakan Indeks Prestasi Utama di mana setiap ahli Majlis mempunyai target merekrut tiga orang (3) ahli, Jawatankuasa Tetap dua orang (2) ahli sementara Bahagian Teknikal merekrut seorang (1) ahli untuk Institusi.

Beliau seterusnya mengesyorkan agar semua ahli melibatkan diri dan bertanggungjawab dalam menambah ahli Institusi. Y.Bhg Dato' Yang Dipertua kemudian mengucapkan terima kasih kepada Ir. Noor Hisham di atas saranannya dan juga penglibatannya untuk meningkatkan keahlian untuk Institusi. Keahlian telah meningkat secara mendadak dari 16,000 ke 21,000 beberapa tahun terakhir ini. Namun Y.Bhg Dato' Yang Dipertua mengingatkan ahli bahawa IEM hanya berjaya mendapatkan kurang dari 20% jumlah keseluruhan jurutera di negara ini.

4.2.5 Ir. Dr Ooi Teik Aun (F01249) mencadangkan meskipun Ahli Pelajar telah meningkat, agar IEM mencontohi ICE di mana Ahli Pelajar tidak perlu membayar yuran tahunan. Beliau menambah bahawa pelajar adalah bakal jurutera dan melalui model ini, ramai pelajar kejuruteraan akan menyertai IEM. Bagi jurutera siswazah pula, beliau menyarankan agar IEM mendekati kumpulan ini dengan mengadakan lebih banyak ceramah untuk pelajar kejuruteraan tahun akhir dan dengan demikian dapat merekrut mereka menjadi ahli Institusi sebelum mereka tamat pengajian.

4.2.6 YBhg. Datuk Wira Ir. Md Sidek Ahmad (F07345) mengucapkan tahniah kepada Setiausaha Kehormat di atas laporannya sebelum memberi komen mengenai isu galakan keahlian.

Beliau memaklumkan bahawa beliau adalah dari suatu organisasi yang mempunyai paling ramai jurutera tetapi dalam beberapa tahun kebelakangan, Tenaga Nasional Berhad (TNB) mempunyai kurang dari 5% juruteranya yang menjadi ahli IEM. Namun, kini TNB telah mewajibkan juruteranya untuk menjadi ahli IEM. YBhg Datuk Wira Ir. Md Sidek selanjutnya memberi komen bahawa organisasi besar seperti Telekom, JPS, Petronas dan JKR juga menunjukkan keadaan yang sama berkaitan jurutera siswazah mereka. Walau bagaimanapun, beliau menyatakan peri pentingnya bagi pengamal kejuruteraan untuk menyertai IEM. Beliau mengesyorkan agar IEM menulis kepada organisasi berkenaan untuk mengadakan penerangan atau usaha galakan keahlian; dan di sana perlu ada interaksi antara IEM dan organisasi berkenaan.

4.2.7 Ir. Tn. Hj. Mohd. Md Mazlan bin Ismail Merican (F07432) mengucapkan tahniah kepada Majlis dan Ir. Noor Hisham kerana peningkatan ketara dalam keahlian. Namun, beliau menarik perhatian kepada perlunya ada cara untuk mengekalkan ahli. Beliau memetik dari halaman 68 di mana seramai 3,351 ahli mempunyai tunggakan yuran bagi tahun 2008. Oleh kerana itu, beliau menyarankan agar IEM mencari jalan untuk mengekalkan ahlinya.

4.2.8 YBhg. Dato' Ir. Pang Leong Hoon (Hon.F00015) memberitahu ahli bahawa ketika beliau mula berkhidmat pada tahun 1958, keahlian ICE adalah menjadi syarat kenaikan pangkat ke peringkat "Tertinggi". Itu merupakan insentif bagi dirinya untuk menjadi ahli ICE. Walaubagaimanapun IEM pada masa itu tidak meminta diwujudkan syarat yang sama. Jika tidak IEM sekarang tentu mempunyai ahli yang ramai. Beliau mencadangkan agar IEM memohon kerajaan untuk mengembalikan syarat dahulu agar semua jurutera kerajaan menyertai IEM. Ini seterusnya akan mendorong industri untuk mengiklan di akhbar bahawa jurutera bidang apa sekalipun mesti berdaftar dengan BEM ataupun menjadi ahli IEM dan mencadangkan ini harus menjadi pendirian IEM.

4.2.9 Ir. PE Chong (F01214) bersetuju dengan komen daripada YBhg. Dato' Ir. Pang Leong Hoon. Beliau selanjutnya menyatakan bahawa di Brunei, Jurutera Bertauliah dari UK layak menerima lima (5) kenaikan gaji serta merta.

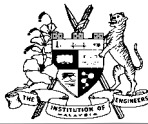
4.2.10 Ir. Mohamed Kamal bin Jamaluddin (M03850) memberi komen bahawa para jurutera lebih cenderung melihat satu dimensi saja, iaitu yang berkaitan dengan isu wang. Beliau berpandangan jurutera perlu melihat dimensi yang lain iaitu "ilmu pengetahuan" seraya menekankan bahawa ianya tiada had. Oleh kerana itu, beliau mencadangkan agar IEM melihat sudut peningkatan ilmu pengetahuan para jurutera.

4.2.11 Ir. TT Chiam (F00275) mengutarakan dua (2) perkara. Pertama beliau menyokong saranan Y.Bhg Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin agar IEM menambah Ahli Siswazahnya. IEM juga harus proaktif dalam pengambilan ahli dengan melawat universiti dan memberikan ceramah.

Kedua, dia mencadangkan agar IEM menggalakkan kakitangan awam untuk menyertai IEM kerana ramai yang bukan ahli. Beliau selanjutnya menyatakan bahawa pada tahun 1972 ketika Perlembagaan dan Undang-Undang Kecil mula dikuatkuasa, gelaran "Ir." adalah untuk semua ahli samada Ahli Korporat, Siswazah atau Pelajar. Malangnya, ahli yang mewakili IEM di BEM tidak mencadangkan bahawa gelaran "Ir." boleh digunakan untuk semua jurutera. Oleh kerana itu, telah diputuskan bahawa gelaran "Ir." hanya boleh digunakan oleh Jurutera Profesional. Beliau juga menyatakan bahawa negara-negara seperti Belanda dan Indonesia menggunakan satu gelaran sahaja untuk semua jurutera. Ir. TT Chiam menyatakan bahawa IEM merupakan institusi yang pertama menggunakan gelaran bagi ahlinya. Persatuan bagi arkitek serta jurukur kemudian mengikutinya. Ir. TT Chiam mencadangkan agar IEM berusaha untuk meminta gelaran "Ir." dikeluarkan daripada Akta Pendaftaran Jurutera supaya semua jurutera dapat menggunakan gelaran "Ir." dan bukan sahaja untuk Jurutera Profesional.

4.2.12 Ir. Chu Pak Eng (M02169) berpendapat bahawa usaha mengumpul jam CPD adalah agak sukar. Beliau memaklumkan bahawa menghadiri kursus dan seminar di IEM menjadi satu masalah kerana masalah parkir. Beliau seterusnya menyatakan IEM harus sedar bahawa sebahagian besar ahli yang menghadiri kursus untuk mendapatkan CPD masih bekerja dan untuk datang ke IEM bagi menghadiri kursus semata-mata untuk mendapatkan jam CPD adalah menyukarkan. Beliau mencadangkan agar keperluan CPD dikurangkan ke 30 jam.

Y.Bhg Dato' Yang Dipertua menjelaskan bahawa keperluan CPD ini adalah kehendak BEM dan IEM hanya berfungsi sebagai penyedia latihan. Dato' Yang Dipertua menasihatkan Ir. Chu untuk menghantar cadangannya ke BEM untuk pertimbangan mereka.



- 4.2.13 Ir. Thum Kum Weng (F01513) menyatakan sokongan terhadap komen YBhg Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin agar menggalakkan jurutera siswazah menyertai IEM. Beliau menarik perhatian kepada disiplin Kejuruteraan Awam dan Struktural yang tercatat di muka surat 66 Laporan Tahunan bahawa tiada ahli dalam disiplin itu. Dia mencadangkan agar IEM menyemak semula angka tersebut dan jika benar tiada, ia patut dikeluarkan daripada senarai.

Beliau seterusnya memberi komen tentang laporan Setiausaha Kehormat bahawa IEM sedang membantu menyediakan draf Eurocode 2, 3 dan 7 dengan menyatakan bahawa IEM tidak sepatutnya menyediakan draf lagi kerana kod tersebut telah sedia ada. Beliau bertanya samada IEM telah mendapat kebenaran untuk menyediakan deraf kod tersebut. Ir. MC Hee (F13947) menjawab bahawa IEM sedang menyediakan deraf Kod Amalan Malaysia yang sama dengan Eurocode sebagaimana yang digunakan oleh negara lain berdasarkan EC 1, 2 and 3. Bahagian Teknikal Kejuruteraan Geoteknik sedang menyediakan deraf Eurocode Malaysia 7 yang ketika ini digunakan di Europah dan Britain. Tujuan utama ialah untuk menyediakan deraf 'National Annexes' yang perlu disertakan bersama Eurocode yang digunakan.

- 4.2.14 Ir. Kor Fong Yong (M03877) memberi komen bahawa IEM lambat bertindak ketika berlaku bencana alam. Beliau mencadangkan agar IEM mempunyai kod etika atau garis panduan untuk tindakan ketika malapetaka dan tidak memberikan maklumat yang mungkin mengelirukan orang awam. Beliau kemudiannya mencadangkan agar kedua-dua IEM dan BEM mengemukakan cadangan untuk menangani isu demikian.
- 4.2.15 Ir. Dr Philip Tan Chee Lin (F12562) memberitahu MAT bahawa sebahagian besar jurutera adalah bukan ahli IEM. Dari pengalaman peribadi beliau tidak tertarik untuk menyertai IEM sehingga skim "Fast Track" diperkenalkan. Beliau selanjutnya memaklumkan kepada MAT bahawa Jawatankuasa Tetap Kelayakan dan Kemasukan telah mencadangkan untuk memperkenalkan semula skim "Fast Track" namun tidak diterima oleh Excomm. Beliau mencadangkan agar IEM memperkenalkan semula skim tersebut sebagai dorongan kepada jurutera kanan untuk menjadi Ahli Korporat IEM.
- 4.2.16 Mengenai perkara lain, Y.Bhg Academician Dato' Ir. Lee Yee Chong (F00220) memberi komen bahawa sesetengah ahli mengalami kesukaran untuk mengumpul jam CPD terutama bagi mereka yang secara fizikalnya tidak dapat menghadiri ceramah. Beliau menyatakan bahawa dengan kemajuan dalam bidang IT ahli dapat menggunakan perisian Interaktif Adobe untuk berkomunikasi dan berinteraksi dengan pelajar di bilik kuliah.

Beliau seterusnya menjelaskan meskipun video mungkin tidak jelas, suara adalah cukup jelas untuk penyebaran maklumat dan juga tujuan komunikasi. Beliau juga memaklumkan sesiapa yang memiliki laptop yang dilengkapi dengan Adobe connect akan dapat berinteraksi dengan para pelajar walaupun dari rumah. Sebagai kesimpulan beliau berpandangan bahawa ini adalah salah satu cara untuk mengumpul jam CPD.

Y.Bhg Dato' Yang Dipertua memberitahu bahawa beliau telah memuat naik di dalam blognya berkenaan lawatan Presiden Elect ASHRAE. ASHRAE telah menghasilkan perkembangan baru dalam modul e-learning. Presiden Elect itu telah bersetuju agar ASHRAE bekerjasama dengan IEM untuk menghasilkan sistem baru itu. Adalah diharapkan bahawa kerjasama ini akan membolehkan semua ahli untuk mendapat akses bagi tujuan CPD pada setiap masa dan pertanyaan juga boleh diajukan. Ini akan dapat direkodkan dalam sistem baru melalui laman web.

- 4.2.17 Engr. Suresh Yegambaram (G20692) memberi komen yang pertama, mengenai permohonan untuk Keahlian Korporat terutama bagi mereka yang telah berdaftar sebagai Jurutera Profesional dengan BEM dan ingin menjadi MIEM. Dia merasa bahawa tidak perlu kepada dua (2) Ahli Korporat untuk menandatangani borang dan berpendapat pendaftaran BEM sebagai Jurutera Professional sudah mencukupi dan IEM sepatut menerimanya. Itu akan memudahkan proses permohonan dibandingkan dengan mengisi borang dan seterusnya mendapatkan dua orang Ahli Korporat untuk menandatangani borang berkenaan.

Engr. Suresh kemudian mengulas mengenai isu CPD. Dia merasa bahawa IEM tidak seharusnya meneruskan cadangan untuk mengurangkan jam CPD ke 30 hanya kerana beberapa ahli yang terlalu malas untuk mencari tempat parkir. Beliau mencadangkan agar IEM sebagai sebuah institusi 'terpelajar' harus menyediakan lebih banyak aktiviti untuk Ahli Korporatnya untuk memperolehi jam CPD. Dia menyarankan agar organisasi harus juga mengadakan kursus dalaman bagi jurutera mereka untuk mendapatkan CPD.

Y.Bhg Dato' Yang Dipertua merasakan suatu forum perbincangan harus diwujudkan di dalam laman web mengenai CPD.

- 4.2.18 Ir. Mah Soo (F11102) memberitahu bahawa keperluan CPD datangnya dari BEM dan bukan IEM. IEM hanya memudahkan ahlinya untuk memenuhi keperluan CPD untuk selama tiga (3) tahun.

Keduanya, beliau menjelaskan bahawa skim "Fast Track" itu telah dipersoalkan oleh BEM dan ada yang merasakan bahawa skim itu merupakan kemasukan "pintu belakang" dan bukan prosedur yang sah untuk ahli mendapatkan status Jurutera Profesional. Juga diambil maklum bahawa BEM menjalankan PAE manakala IEM pula PI, kedua-duanya merupakan saluran yang sah untuk mendapatkan status profesional. Beliau seterusnya memberi komen bahawa ramai yang berpandangan bahawa skim "Fast Track" membolehkan ahli mendapat status PEng dari BEM dengan lebih senang. Hal sedemikian memberikan tanggapan kepada BEM bahawa skim "Fast Track" bukan saluran yang sah untuk ahli mendapatkan PEng. Oleh yang demikian, Excomm telah memutuskan bahawa skim "Fast Track" dihentikan buat sementara atau ditangguhkan.

- 4.2.19 Ir. Awangku Hidup Awangku Hosain (F03053) mencadangkan supaya IEM menganjurkan lebih banyak aktiviti sosial. Beliau memberitahu bahawa Rumah Terbuka IEM telah ditukar nama kepada Hari Keluarga IEM. Beliau selanjutnya memberitahu MAT bahawa Hari Keluarga adalah hari untuk semua ahli IEM berkumpul bersama keluarga mereka untuk beramah mesra. Ahli seharusnya berinteraksi di antara satu sama lain semasa acara tersebut. Beliau memaklumkan bajet untuk Hari Keluarga IEM tahun ini ialah RM20,000 dan terdapat kesukaran untuk mencari tempat yang sesuai disebabkan belanjawan yang tidak mencukupi. Beliau berharap bahawa untuk Hari Keluarga tahun hadapan, bajet yang lebih dapat diperuntukkan untuk acara ini.



Y.Bhg Dato' Yang Dipertua mengucapkan terima kasih kepada Ir. Awangku Hidup Awangku Hosain atas komennya.

Diusulkan oleh Ir. Tn. Hj. Mohd. Md Mazlan bin Ismail Merican (F07432) dan disokong oleh YBhg Datuk Ir. Prof Dr Ow Chee Sheng (F05738), Laporan 0Tahunan diterima.

## 5.0 LAPORAN AKAUN BAGI TAHUN BERAKHIR 31 DISEMBER 2008

- 5.1 Yang Dipertua kemudian menjemput Bendahari Kehormat, YBhg Dato' Ir. Abu Hashim bin Abd Ghani untuk membentangkan Laporan Akaun Institusi Jurutera Malaysia bagi tempoh 1 Januari 2008 hingga 31 Disember 2008.
- 5.2 Y.Bhg Dato' Ir. Abu Hashim bin Abd Ghani melaporkan bahawa bagi tahun berakhir 2008, asset Institusi adalah sebanyak RM16,731,788.00 berbanding dengan RM445,914,00 bagi tahun berakhir 2007. Itu adalah kerana pembelian bangunan baru bernilai RM13.5juta.
- 5.3 Pendapatan keseluruhan bagi tahun berakhir 2008 adalah sebanyak RM3,630,576.00 berbanding dengan RM3,058,958.00 bagi tahun 2007 di mana sekitar 62% adalah berpunca dari yuran keahlian, 28% dari sewa, 4% adalah dari pendapatan lain dengan pendapatan arbitrase lebihkurang 1%.

Penyumbang utama kepada peningkatan pendapatan sebanyak RM2,249,021 adalah daripada Yuran Keahlian Tahunan sebanyak RM2,249,021 berbanding dengan RM2,160.860 (pertambahan sebanyak 4% dari 2007) dan Pendapatan Sewa sebanyak RM1,016,863 berbanding dengan RM340,940 (kenaikan 198% dari tahun 2007). Kenaikan sewa adalah berpunca dari Wisma IEM.

Jumlah perbelanjaan adalah RM4,056,453 berbanding dengan RM2,852,561 pada tahun 2007. Adalah diambil maklum bahawa Gaji Kakitangan meningkat sebanyak 37% sementara 23% adalah untuk Perbelanjaan Pentadbiran. Selainnya adalah perkara yang kecil terutamanya kos kewangan dan lain-lain. MAT juga dimaklumkan di antara perbelanjaan yang telah dibuat perkara berikut diambil maklum:

Gaji Kakitangan	pertambahan sebanyak 25.88% (RM1,481,482 bagi tahun 2008 berbanding RM1,176,918 bagi tahun 2007)
Subsidi kepada Cawangan	pertambahan sebanyak 24.64% (RM253,700 bagi tahun 2008 berbanding RM203,550 bagi tahun 2007)
Aktiviti antara Persatuan	pertambahan sebanyak 24.64% (RM10,852 bagi tahun 2008 berbanding RM8,114 bagi tahun 2007)

Y.Bhg Dato' Ir. Abu Hashim bin Abd Ghani selanjutnya melaporkan prestasi secara keseluruhan bagi tahun 2008 adalah defisit sebanyak RM242,068 dan sebab utama adalah susut nilai Wisma IEM dan penghapusan hutang tertunggak daripada penyewa dahulu.

- 5.4 Y.Bhg Dato' Yang Dipertua meneruskan mesyuarat dengan menjemput ahli untuk mengemukakan soalan.
- 5.4.1 Seorang ahli (yang identitinya tidak dapat dikenalpasti) meminta penjelasan mengenai kos kewangan seperti yang dinyatakan dalam halaman 124 Laporan Tahunan. Y.Bhg Dato' Ir. Abu Hashim bin Abdul Ghani memberitahu kos kewangan tersebut adalah faedah daripada pinjaman bank yang diambil untuk membeli bangunan baru.
- 5.4.2 Ir. Raghbir Singh Dhillon (M08217) menarik perhatian berkenaan angka dalam slide yang ditayangkan di mana pendapatan Institusi dinyatakan sebanyak RM3,630,576 sedangkan dalam Laporan halaman 135 menunjukkan RM3,870,329. Beliau seterusnya bertanya yang mana satu jumlah yang sebenar. Y.Bhg Dato' Ir. Abu Hashim bin Abd Ghani menyatakan bahawa angka yang dinyatakan dalam Laporan adalah benar.
- 5.4.3 Ir. Wong Chee Fui (M20903) memberi komen berkenaan komen yang beliau buat mengenai perkara 5.7.3 dalam minit MAT yang lepas. Beliau memaklumkan bahawa masih tiada maklumat mengenai prestasi Pusat Latihan di dalam Laporan Tahunan. MAT yang lepas telah dimaklumkan bahawa laporan kewangan berkenaan akan dimuatkan di laman web. Namun setelah setahun, komen Ir. Wong Chee Fui, akaun tersebut masih tiada di laman web.
- 5.4.4 Y.Bhg Dato' Ir. Abu Hashim bin Abdul Ghani menjelaskan bahawa akaun Pusat Latihan ada di bahagian berasingan. Beliau kemudiannya memberitahu MAT bahawa laporan kewangan Pusat Latihan terdapat di muka surat 127 Laporan Tahunan.

Ir. Wong Chee Fui mengatakan bahawa tidak ada petunjuk samada Pusat Latihan membuat keuntungan atau menanggung kerugian ataupun samada Pusat Latihan menanggung sebarang liabiliti. Nokhtah lain yang diutarakan ialah mengenai perbezaan kursus/ ceramah yang dianjurkan oleh Pusat Latihan IEM dan Bahagian Teknikal Kejuruteraan.

Y.Bhg Dato' Yang Dipertua memaklumkan kepada MAT bahawa Pusat Latihan IEM adalah sebuah syarikat dan diwajibkan oleh undang-undang untuk mengemukakan laporan kewangannya. Beliau kemudiannya menerangkan bahawa tahun kewangan Pusat Latihan IEM berakhir pada 31 Disember dan audit akaunnya baru saja selesai dijalankan. Laporan audit akan dibentangkan pada mesyuarat Lembaga Pengarah akan datang dan selepas itu ianya boleh dimuatkan di laman web.

Y.Bhg Dato' Yang Dipertua kemudian menjawab pertanyaan kedua Ir. Wong Chee Fui tentang perbezaan antara ceramah yang dianjurkan oleh Pusat Latihan IEM dan Bahagian Teknikal. Adalah diambil maklum bahawa Excomm telah bersetuju untuk Bahagian Teknikal menganjurkan ceramah serta kursus/ seminar dan Pusat Latihan IEM hanya akan bergabung jika terdapat permintaan daripada Bahagian Teknikal.

Y.Bhg Dato' Yang Dipertua seterusnya memaklumkan bahawa Pusat Latihan IEM dikehendaki untuk membantu dan memudahkan Bahagian Teknikal dalam aktiviti mereka. Pada masa yang sama, Pusat Latihan IEM juga menganjurkan kursus bagi pihak BEM untuk program PDP. Pusat Latihan IEM juga memainkan peranan dalam skim insuran di mana IEM telah menandatangani perjanjian sebagai syarikat insuran. Keuntungan yang dibuat oleh Pusat Latihan IEM akan disalurkan kepada IEM dalam bentuk dividen.



- 5.4.5 Ir. Wong Chee Fui (M20903) mencadangkan bahawa untuk laporan tahun depan, Pusat Latihan IEM hendaklah menyatakan keuntungan dan bukan sahaja kedudukan tunai dan sebagainya. Beliau menambah bahawa dengan menyatakan kedudukan tunai dan sebagainya, ia tidak benar-benar menunjukkan samada Pusat Latihan IEM telah membuat keuntungan atau menunjukkan prestasi baik atau samada mereka mempunyai liabiliti.

Y.Bhg Dato' Yang Dipertua memberi jaminan kepada MAT bahawa Pusat Latihan IEM telah membuat keuntungan dan ia akan dibentangkan pada mesyuarat Lembaga Pengarah Pusat Latihan pada bulan Mei 2009. Maklumat berkenaan akan dimuatkan di laman web untuk makluman ahli.

- 5.4.6 YBhg Datuk Wira Ir. Sidek bin Ahmad (F07345) membuat komen bahawa IEM bagi tahun berakhir 2008 telah mengalami defisit RM186,118 dan juga membayar cukai sebanyak RM41,354. Beliau meminta penjelasan lanjut kenapa IEM harus membayar cukai apabila mengalami defisit.

Y.Bhg Dato' Ir. Abu Hashim bin Abdul Ghani menjelaskan bahawa jumlah RM41,354 adalah merupakan kekurangan dalam peruntukan cukai bagi tahun lalu.

- 5.4.7 Ir. Thum Kum Weng (F01513) memberi komen bahawa terdapat beberapa kesilapan pada rajah pai di halaman 135-136 dan dengan demikian, Kenyataan Kewangan tidak boleh disahkan melainkan ada syarat pembetulan dibuat pada rajah pai untuk mencerminkan jumlah sebenar. Tambahan pula, Yang Dipertua dan Bendahari Kehormat telah menandatangani Kenyataan tersebut. Beliau juga memberi komen bahawa banyak butiran yang tidak konsisten seperti pendapatan keseluruhan IEM seperti yang dinyatakan sebelumnya oleh Ir. Ragbir Singh Dhillon (M08217).

Y.Bhg Dato' Yang Dipertua kemudiannya memberitahu ahli untuk mengambil maklum muka surat 121 di mana beliau telah menandatangani kenyataan kewangan seperti yang dinyatakan dalam halaman 122 ke 134 sedangkan rajah-rajah berkenaan adalah di muka surat 135. Ir. Thum Kum Weng terus mempersoalkan bahawa Y.Bhg Dato' Yang Dipertua juga telah menandatangani muka surat 137. Ir. Thum Kum Weng telah diberitahu bahawa muka surat 137 adalah untuk Tabung Pendidikan. Y.Bhg Dato' Yang DiPertua meneruskan penerangannya dengan memberitahu bahawa terdapat dua (2) bahagian untuk di lihat: satunya adalah Laporan Kewangan dan yang satu lagi Tabung Pendidikan. Y.Bhg Dato' Yang Dipertua memaklumkan bahawa MAT sedang meneliti Laporan Kewangan untuk sesi 2008/2009 yang dinyatakan dalam halaman 122 ke 134.

Setelah diusulkan oleh Ir. Dr Gue See Sew dan disokong oleh YBhg. Datuk Ir. Roseline Ganendra, Laporan Kewangan disahkan oleh MAT.

- 5.8 Y.Bhg Dato' Yang Dipertua seterusnya meneliti Akaun Tabung Pendidikan sebagaimana dinyatakan daripada laman 137 ke 143 dan Dato' Ir. Abu Hashim bin Abd Ghani kemudiannya mengambil alih untuk menjelaskan tentang kedudukan liabiliti dan asset dan memaklumkan bahawa IEM mempunyai asset bersih semasa IEM adalah bernilai RM2,725,170.

Dia meneruskan ke bahagian kedua dengan kenyataan pendapatan sebanyak RM350,755 serta perbelanjaan sebanyak RM35, 131. Y.Bhg Ir. Abu Hashim bin Abd Ghani mengumumkan kepada MAT bahawa wang tunai di tangan dan di bank adakah sebanyak RM1, 119,017 berbanding dengan RM802, 954 bagi tahun 2007.

- 5.8.1 Ir. David Lai Kong Phooi (F09917) telah bertanya mengapa IEM membelanjakan terlalu sedikit untuk biasiswa seraya menyatakan bahawa IEM memperolehi RM300,000 dan hanya membelanjakan hanya RM35,131. Beliau berpendapat ia lebih merupakan tabung simpanan. Dia mencadangkan dengan kelebihan yang dibuat, IEM boleh menyalurkan kembali simpanan berkenaan kepada ahlinya.

Memandangkan tiada lagi persoalan yang dikemukakan, Y.Bhg Academician Dato' Ir. Lee Yee Cheong (F00220) mencadangkan bahawa akaun Tabung Pendidikan telah diterima. Cadangan disokong oleh YBhg. Datuk Wira Ir. Md Sidek Ahmad (F07345). MAT sebulat suara menerima penyata akaun yang dibentangkan.

## 6.0 PENGUMUMAN KEPUTUSAN PEMILIHAN BAGI AHLI MAJLIS SESI 2009/2020

Memandangkan tiada isu lain yang dibangkitkan, Y.Bhg Dato' Yang Dipertua mengundang Pegawai Pemilihan, Y.Bhg. Dato' Ir. Pang Leong Hoon untuk mengumumkan keputusan pemilihan untuk sesi 2009/2010.

Y. Bhg. Dato' Ir. Pang Leong Hoon mengucapkan terima kasih kepada pengerusi dan terus membentangkan keputusan pemilihan.

### 6.1 Timbalan Yang Dipertua

Y.Bhg. Dato' Ir. Pang Leong Hoon memberitahu MAT bahawa terdapat dua calon untuk jawatan ini dan Ir. Vincent Chen Kim Kieong adalah calon yang berjaya.

### 6.2 Naib Yang DiPertua (4 kekosongan untuk 2 sesi 2009/2010 dan 2010/2011)

Y.Bhg Dato' Ir Pang Leong Hoon seterusnya memaklumkan kepada MAT bahawa lebih dari 8,435 kertas undi telah dihantar kepada Ahli Korporat untuk kekosongan yang lain. Daripada jumlah itu hanya 1,784 (21%) kertas undi yang diterima. Adalah diambil maklum bahawa bagi jawatan Naib Yang Dipertua, terdapat lapan (8) calon untuk dua sesi. Calon-calon yang berjaya adalah: -

1. Ir. MC Hee
2. Ir. Lee Weng Onn
3. Y.Bhg Datuk Ir. Rosaline Ganendra
4. Ir. Yim Hon Wa

**6.3 Setiausaha Kehormat (1 kekosongan untuk sesi 2009/2010)**

Hanya terdapat satu jawatan tanpa bertanding dan Ir. Prof Madya Dr Jeffrey Chiang terus memegang jawatan sebagai Setiausaha Kehormat bagi sesi 2009/2010.

**6.4 Bendahari Kehormat (1 kekosongan untuk sesi 2009/2010)**

Terdapat satu kekosongan untuk satu sesi dan Ir. Tan Yean Chin adalah calon yang berjaya.

**6.5 Ahli Majlis – Wakil-Wakil Kimia dan lain (satu kekosongan untuk 3 sesi 2009/2010, 2010/2011 dan 2011/2012)**

Y. Bhg. Dato' Ir. Pang Leong Hoon memaklumkan kepada MAT bahawa terdapat satu (1) kekosongan untuk tiga (3) sesi bagi Wakil-Wakil Kimia dan lain. Calon yang berjaya adalah Ir. Razmahwata bin Mohamad Razalli.

**6.6 Ahli Majlis – Wakil Biasa (10 kekosongan untuk 3 sesi 2009/2010, 2010/2011 dan 2011/2012)**

Y. Bhg. Dato' Ir. Pang Leong Hoon memaklumkan bahawa 14 pencalonan telah diterima dan dua (2) daripadanya tidak layak menjadikan yang tinggal hanya 12 pencalonan. Berikut adalah sepuluh (10) calon dengan undian tertinggi dan telah terpilih sebagai Ahli Majlis – Wakil Biasa selama tiga (3) sesi 2009/2010, 2010/2011 dan 2011/2012.

1. Ir. Dr Prof Lee Sze Wei
2. Ir. Dr Prof Ruslan Hassan
3. Ir. Yee Yew Weng
4. Ir. Mah Soo
5. Ir. Dr Ahmad Anuar bin Othman
6. Y. Bhg Dato Ir. Hj. Abdul Rashid bin Maidin
7. Ir. Yau Chau Fong
8. Ir. Wong Chee Fui
9. Ir. Mohd Khir bin Muhammad
10. Y. Bhg Dato' Ir. Hj. Mohd Isa bin Hj. Sarman

6.7 Y. Bhg Dato' Ir. Pang Leong Hoon seterusnya mengumumkan kepada MAT bahawa keseluruhan proses mengambil masa tiga (3) bulan dan kos keseluruhan adalah RM 14,171.35.

6.8 Y. Bhg. Dato' Ir. Pang Leong Hoon lalu mengucapkan terima kasih kepada Para Peneliti yang terdiri dari Ir Prof Madya Dr Siti Hawa Hamzah, Ir. Hj. Mohamed Ali Yusoff, Ir. S Kukanesan dan Ir. K. Manogaran di atas sokongan mereka dan juga berterima kasih kepada Sekretariat kerana kerjasama penuh mereka. Y. Bhg. Dato' Ir. Pang Leong Hoon juga mengucapkan terima kasih kepada Majlis atas pelantikan beliau sebagai Pegawai Pemilihan.

6.9 Y. Bhg. Dato' Ir. Pang Leong Hoon kemudian membentangkan statistik kertas undian yang dipulangkan iaitu sekitar 20% bagi tahun ini. Y. Bhg. Dato' Ir. Pang Leong Hoon terus memberi komen tentang kertas undian yang rosak atau ditolak dengan contoh yang menunjukkan masih ada jurutera yang keliru bagaimana menanda kertas undian walaupun terdapat arahan yang jelas pada kertas undian. Terdapat juga kertas undian yang sudah tamat tempoh.

Y. Bhg Dato' Yang Dipertua mengucapkan terima kasih kepada Y. Bhg. Dato' Ir. Pang Leong Hoon di atas pembentangannya dan terus ke perkara 7.0.

**7.0 Pemindaan Artikel 2.4 dalam Perlembagaan IEM**

Y. Bhg Dato' Yang Dipertua memaklumkan para ahli yang hadir di MAT bahawa beberapa pemindaan perlu dibuat terhadap susunan kata dalam Artikel 2.4 Perlembagaan di muka surat 6 seperti berikut:

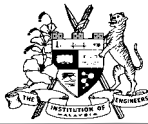
Perkataan asal ".....Felo, Ahli-Ahli....." telah diganti dengan ".....Ahli Korporat yang tidak berdaftar sebagai Jurutera Profesional di bawah Akta Pendaftaran Jurutera 1967, ....."

Y. Bhg Dato' Yang Dipertua seterusnya menerangkan bahawa semasa ulangkaji Perlembagaan dan Undang-Undang Kecil yang lalu, semua Ahli Korporat dan Ahli Siswazah IEM adalah layak untuk menggunakan gelaran "Engr." Bagaimanapun pemindaan Perlembagaan dicadangkan menjadi "....Ahli Korporat yang bukan Jurutera Profesional berdaftar di bawah Akta Pendaftaran Jurutera 1967, ....."

Dato' Yang Dipertua seterusnya menjelaskan bahawa pemindaan telah dicadangkan setelah mengambilkira kemungkinan kekeliruan jika Jurutera Profesional berhak menggunakan kedua-dua gelaran tersebut. Di bawah Akta Pendaftaran Jurutera, Jurutera Profesional berhak menggunakan gelaran "Ir." akan tetapi sebagai Ahli Korporat IEM, ia juga berhak menggunakan gelaran "Engr." dan ini telah menyebabkan kekeliruan. MAT dimaklumkan bahawa Majlis kemudiannya mencadangkan pindaan untuk membolehkan Ahli Korporat dan Ahli Siswazah yang tidak layak menggunakan "Ir." untuk menggunakan gelaran "Engr."

7.1 Ir. Kor Fong Yong (M03877) memberi komen bahawa penggunaan "Engr." akan mengelirukan orang ramai dengan wujudnya gelaran "Ir." Beliau merasakan kenyataan media harus dibuat untuk mengatasi kekeliruan. Dato' Yang Dipertua mengucapkan terima kasih kepada Ir. Kor Fong Yong di atas komennya dan akan mengusulkan kepada Majlis untuk membincangkannya dan menghebahkannya.

7.2 Ir. Siva Jagathisen Perumal (M05107) menyatakan bahawa beliau masih keliru dengan gelaran "Engr" yang boleh digunakan oleh kedua-dua Ahli Korporat dan Ahli Siswazah.



Y.Bhg Dato' Yang Dipertua menjelaskan bahawa semua Ahli Korporat dan Ahli Siswazah sepatutnya boleh menggunakan gelaran "Engr." supaya orang ramai akan mengenali mereka sebagai jurutera. Y.Bhg Dato' Yang Dipertua seterusnya menjelaskan bahawa untuk Jurutera Profesional berdaftar dia dikehendaki oleh undang-undang untuk menggunakan gelaran "Ir." dan menggunakan "PEng" pada akhir namanya. Adapun Ahli Siswazah dan Ahli Korporat yang tidak berdaftar sebagai Jurutera Profesional, IEM inginkan bagi mereka untuk menggunakan gelaran "Engr."

7.3 Ir. Tang Keng Lock (M03784) bertanya tentang Ahli Korporat yang berdaftar sebagai Jurutera Profesional samada mereka berhak menggunakan "Engr." Dato' Yang Dipertua memaklumkan bahawa Jurutera Profesional mempunyai hak perundangan untuk menggunakan gelaran "Ir.". Namun, Ir. Tang Keng Lock terus bertanya kenapa IEM masih menggunakan "Engr." untuk Ahli Korporat yang juga Jurutera Profesional. Y.Bhg Dato' Yang Dipertua memberitahu bahawa pindaan belum lagi dibuat dan dengan pindaan, mereka tidak akan boleh menggunakan gelaran "Engr.".

7.4 YBhg. Datuk Wira Ir. Md Sidek Ahmad (F07345) memberitahu MAT bahawa gelaran "Ir." adalah untuk status Jurutera Profesional dan dimandatkan oleh Akta Pendaftaran Jurutera. Beliau mengisytiharkan bahawa IEM adalah sebuah persatuan dan tidak dimandatkan dengan fungsi perundangan. Beliau seterusnya mempersoalkan keperluan bagi sebuah persatuan untuk memberikan gelaran kepada ahlinya.

Y.Bhg Datuk Wira Ir. Md Sidek Ahmad (F07345) bersetuju dengan komen beberapa ahli bahawa di sana tidak ada kekeliruan lagi dan merasakan bahawa satu gelaran sudah mencukupi dan tidak ada sebab untuk membezakan dengan gelaran yang lain.

Y.Bhg Dato' Yang Dipertua menjelaskan tentang sejarah IEM sebagaimana yang telah dimaklumkan oleh Ir. TT Chiam, bahawa gelaran "Ir." pada mulanya diwujudkan oleh IEM untuk kegunaan Ahli Korporat, Siswazah dan Ahli Pelajar. Rentetan gelaran tersebut 'diambil alih' oleh BEM, dan telah dimasukkan ke dalam Akta Parlimen, maka selepas itu IEM tidak dapat lagi menggunakan gelaran "Ir." bagi ahlinya.

Majlis telah mengamati isu tersebut dan merasakan baik untuk ahli menggunakan gelaran "Engr." supaya orang ramai dapat mengenali mereka sebagai jurutera seperti halnya sebelum BEM mengambil alih gelaran itu. Ini telah dipersetujui oleh MAT yang diadakan tiga atau empat lalu bahawa gelaran tambahan patut diberikan kepada ahli. Jadi, Y.Bhg Dato' Yang Dipertua menjelaskan bahawa pindaan tersebut adalah untuk menghadkan penggunaan gelaran "Engr." bagi mengelakkan kekeliruan.

7.5 Ir. Tang Keng Lock (M03784) mencadangkan seandainya IEM meneruskan cadangan pindaan, mereka yang merupakan Ahli Korporat dan bukan PEng dan Ahli Siswazah seharusnya boleh menggunakan gelaran "Engr." dan dengan demikian memberikan identiti kepada ahli Institusi. IEM seharusnya tidak melibatkan BEM dalam isu ini kerana ianya adalah urusan Institusi.

7.6 Ir. Kor Fong Yong (M03877) merasakan bahawa isu ini tidak perlu dibincang lebih lanjut kerana ia akan mengelirukan ahli dan juga orang ramai. Beliau memberi contoh Laporan Tahunan yang mencatatkan Ahli Korporat dengan gelaran "Engr."

7.7 Ir. Mah Soo (F11102) memberi komen bahawa kekeliruan akan timbul jika kedua-dua Ahli Korporat dan Ahli Siswazah menggunakan gelaran "Engr.". Beliau menyarankan agar ahli yang menghadiri aktiviti IEM menggunakan gelaran "Engr.". Namun, terpujang kepada Ahli Korporat samada mereka mahu menggunakan gelaran "Ir." kerana ianya merupakan keperluan Akta Pendaftaran Jurutera.

7.8 Y.Bhg Academician Dato' Ir. Lee Yee Chong (F00220) menjelaskan bahawa gelaran "Ir." telah diiktiraf di arena antarabangsa. Y.Bhg Academician Dato' Ir. Lee memberitahu bahawa orang-orang Eropah seperti Belanda bahkan arkitek di Indonesia menggunakan gelaran "Ir." Beliau merasakan bahawa pindaan tersebut menunjukkan IEM berada di landasan yang betul. Y.Bhg Academician Dato' Ir. Lee juga menyokong komen Bekas Yang Dipertua, Ir. TT Chiam bahawa IEM harus meyakinkan BEM untuk mendapatkan semula gelaran "Ir." sehingga dapat memulihkan status quo untuk Ahli Korporat dan Ahli Siswazah IEM. Y.Bhg Academician Dato' Ir. Lee Yee Chong juga percaya bahawa pindaan yang dicadangkan benar-benar akan mengurangkan kekeliruan.

7.9 Ir. Mohamed Kamal bin Jamaluddin (M03850) menyatakan pandangan beliau bahawa IEM harus fokus pada ilmu pengetahuan, kecekapan, kemahiran dan kemampuan menzahirkan profesionalisme. Beliau percaya dengan menghayati kriteria tersebut, tidaklah menjadi isu samada seseorang itu menggunakan gelaran "Ir." atau "Engr."

7.10 YBhg Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin (F01019) bersetuju dengan cadangan Y.Bhg Academician Dato' Ir. Lee Yee Chong bahawa gelaran "Ir." mempunyai pengiktirafan antarabangsa. YBhg Datuk Ir. (Dr) Hj Ahmad Zaidee memberitahu bahawa beliau di WFEO dan juga ahli Akademi Sains Malaysia dan telah jelas bahawa di persada antarabangsa baik di Afrika Selatan, Eropah atau negara-negara lain, gelaran "Ir." nampaknya telah diterima.

Namun, beliau merasakan jurutera siswazah juga harus diberi pengiktirafan. Beliau percaya bahawa orang ramai telah mengiktiraf gelaran "Ir." kerana ia sudah dipatenkan oleh Akta Pendaftaran Jurutera. Sedangkan gelaran "Engr." adalah untuk pengenalan organisasi yang dianggapnya berguna dan juga dapat mendorong jurutera muda untuk menunjukkan profesional mereka. Oleh kerana itu, YBhg Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin menyokong pindaan yang dicadangkan.

YBhg Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin juga memberi komen mengenai latihan industri bagi jurutera muda. Dia memaklumkan bahawa di negara-negara barat, para pelajar menjalani latihan industri selama satu (1) tahun dibandingkan dengan Malaysia di mana hanya tiga (3) bulan sahaja diberikan.

Beliau menambah bahawa di Malaysia latihan industri terlalu tidak berkesan dan di bawah standard. Beliau mencadangkan tempoh latihan industri dipanjangkan sehingga membolehkan para pelajar didedahkan sepenuhnya di sektor industri.



- 7.11 Ir. Muhamad Apandi bin Osman (M06253) bertanya kepada ahli samada mereka telah membaca seksyen mengenai penggunaan gelaran "Ir." dalam Akta Pendaftaran Jurutera. Beliau memberitahu bahawa Akta tersebut menyatakan bahawa seseorang individu tidak boleh menggunakan apa-apa gelaran yang boleh mengelirukan orang ramai bahawa dia adalah seorang yang berkelayakan. Telah diambil maklum bahawa penggunaan gelaran "Ir." bererti seseorang itu adalah berkelayakan

Beliau seterusnya bertanya sekiranya IEM memberi gelaran "Engr." adakah orang yang berkenaan itu berkelayakan. Beliau memberi komen adalah tidak sesuai untuk diberi gelaran "Engr." kepada orang yang tidak berkelayakan.

- 7.12 Ir. Noor Hisham (F11497) berpandangan bahawa gelaran "Engr." harus dikekalkan. Dia bersetuju bahawa Ahli Korporat yang bukan Jurutera Profesional harus dibezakan daripada Jurutera Profesional dengan menggunakan gelaran "Engr." dan bagi mereka yang merupakan Jurutera Profesional, hendaklah menggunakan gelaran "Ir." sebagaimana termaktub dalam Akta Pendaftaran Jurutera. Beliau bersetuju bahawa Ahli Siswazah hendaklah menggunakan gelaran "Engr."

Beliau kemudian memberitahu MAT bahawa isu ini telah dibincangkan sejak beberapa tahun lalu dari segi penggunaan "Engr." dan samada ia akan mengelirukan orang ramai. Beliau merasakan MAT harus fokus kepada persoalan pindaan.

Y.Bhg Dato' Yang Dipertua mengulangi komen Ir. Muhamad Apandi Osman mengenai Akta Pendaftaran Jurutera yang hanya membenarkan orang yang berkelayakan untuk menggunakan gelaran "Ir." atau gelaran lain. BEM berpandangan bahawa gelaran "Engr." akan mengelirukan masyarakat dan mereka akan menganggap bahawa ianya adalah setaraf dengan gelaran "Ir.". Oleh kerana itu, Majlis merasakan penyelesaiannya ialah dengan membezakan di antara penggunaan kedua gelaran tersebut. Walhasil, telahpun dipersetujui bahawa ahli yang juga Jurutera Profesional akan menggunakan gelaran "Ir." dan Ahli Korporat IEM yang tidak berdaftar sebagai Jurutera Profesional serta Ahli Siswazah akan dibenarkan untuk menggunakan gelaran "Engr."

Y.Bhg. Datuk Wira Ir. Md Sidek Ahmad (F07345) meminta penjelasan samada dengan pindaan ini, gelaran "Engr." akan digunakan secara formal dan dianggap sebagai gelaran profesional. Beliau memberi komen bahawa ketika Artikel ini pertama kali diperkenalkan, ianya dilaksanakan secara tidak formal untuk digunakan sebagai pengenalan bagi ahli yang bukan Jurutera Profesional seperti; "En", "Tuan" dan sebagainya. Beliau berharap bahawa pindaan tersebut tidak bercanggah dengan tujuan asal.

Y.Bhg Dato' Yang Dipertua kemudian menjelaskan bahawa tujuan asal yang disebut oleh Datuk Wira Ir. Md Sidek ialah hasrat IEM untuk penjenamaan bagi ahlinya. Malangnya, gelaran "Engr." adalah juga untuk Ahli Korporat dan dengan itu telah menyebabkan kekeliruan di kalangan masyarakat. Y.Bhg Dato' Yang Dipertua menyatakan oleh kerana ahli Majlis juga telah menggunakan gelaran "Engr." ianya telah memberikan tanggapan kepada masyarakat bahawa gelaran ini setara dengan "Ir.". Walhasil, ia telah menyebabkan BEM dalam dilema.

Y.Bhg Dato' Yang Dipertua seterusnya menjelaskan bahawa andainya Ahli Siswazah menggunakan gelaran "Engr.", ia bererti gelaran ini adalah setara dengan "Ir." dan BEM harus akan mengambil tindakan terhadap Ahli Siswazah Institusi. Agar tidak mengelirukan masyarakat, cadangan pindaan Artikel 2.4 dapat menjelaskan kepada masyarakat bahawa gelaran "Engr." adalah bagi seorang jurutera yang berkelayakan tetapi bukan Jurutera Profesional berdaftar. Oleh itu, Perlembagaan IEM membenarkan pindaan dibuat pada Artikel 2.4.

Y.Bhg Dato' Yang Dipertua kemudian meminta cadangan tambahan untuk pindaan. Oleh kerana tiada lagi sebarang komen, Y.Bhg Dato' Yang Dipertua meminta ahli yang hadir untuk mengangkat tangan tanda persetujuan. Ahli Siswazah diingatkan agar tidak mengundi.

Keputusannya adalah seperti berikut:

Lokasi	Jumlah undi menyokong	Jumlah undi tidak menyokong
Auditorium	84	7
Room 1	77	11
Room 2	18	1
<b>TOTAL</b>	<b>179</b>	<b>19</b>

MAT mengesahkan bahawa 179 undi menyokong cadangan pindaan manakala 19 undi tidak menyokong. MAT bersetuju dengan cadangan pindaan ini dihantar kepada semua Ahli Korporat untuk kelulusan melalui undian pos.

## 8.0 BEKAS YANG DIPERTUA UNTUK BERKHIDMAT DALAM MAJLIS

- 8.1 Y.Bhg Dato' Yang Dipertua memberitahu MAT bahawa jemputan untuk berkhidmat dalam Majlis telah dihantar kepada Bekas-Bekas Yang Dipertua. Mereka yang menerima jemputan adalah seperti berikut :

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

## 9.0 PENYERAHAN CENDERAHATI KEPADA AHLI MAJLIS YANG BERSARA

- 9.1 Y.Bhg Dato' Yang Dipertua mengucapkan terima kasih kepada Ahli Majlis yang akan bersara bagi sesi 2008/2009 dan menjemput mereka untuk menerima cenderahati. Setiausaha Kehormat, Ir Prof Madya Dr Jeffrey Chiang Choong Luin telah membacakan nama-nama mereka yang akan bersara dan Yang Dipertua telah menyampaikan cenderahati kepada mereka.



**10.0 ANUGERAH KHIDMAT LAMA KEPADA STAF**

- 10.1 En. Zulheimy received a cheque and a certificate of appreciation.

Dato' Yang Dipertua menyampaikan Anugerah Khidmat Lama kepada En. Zulheimy bin Ma'amor yang telah berkhidmat dengan Institusi selama 10 tahun.

En. Zulheimy menerima cek dan sijil penghargaan.

**11.0 PENYERAHAN KALONG JAWATAN**

- 11.1 Dato' Yang Dipertua mengucapkan terima kasih kepada Majlis, Excomm dan semua ahli Institusi di atas sokongan yang diberikan kepada beliau sepanjang dua (2) tahun lalu. Dato' Yang Dipertua kemudian meminta agar Majlis dan semua ahli memberikan sokongan yang sama kepada Yang Dipertua baru sebelum menyerahkan Kalong Jawatan kepada Y.Bhg Dato' Ir. Prof Dr Chuah Hean Teik.

**12.0 PEMILIHAN JURUAUDIT DALAM KEHORMAT**

- 12.1 Y.Bhg Dato' Ir. Prof Dr Chuah Hean Teik meneruskan mesyuarat dengan mempelawa pencalonan bagi jawatan Juruaudit Dalam Kehormat. Mesyuarat Agung Tahunan sebulat suara mencalonkan ahli berikut sebagai Juruaudit Dalam Kehormat untuk sesi 2009/2010.

**Ahli**

Ir. Awangku Hidup Awangku Hosain  
Ir. Lee Eng Choy

**Pencadang**

Datuk Ir. Rosaline Ganendra  
Ir. Lee Weng Onn

**Penyokong**

Ir. Oon Chee Kheng  
Ir. Hoo Choon Sean

Y.Bhg Datuk Ir. Prof Dr Ow Chee Sheng (F05738) mencadangkan pencalonan ditutup dan Y.Bhg Dato' Ir. (Dr) Hj Ahmad Zaidee bin Laidin (F01019) menyokong cadangan itu. MAT memilih Ir. Awangku Hidup Awangku Hosain dan Ir. Lee Eng Choy sebagai Juruaudit Dalam Kehormat.

**13.0 PEMILIHAN JURUAUDIT LUAR**

- 13.1 Y.Bhg Dato' Ir. Prof Dr Chuah Hean Teik memberitahu MAT bahawa Majlis telah mengesyorkan perlantikan semula Tetuan KPMG (Akauntan Bertauliah) sebagai Juruaudit Luar. Y.Bhg Dato' Ir. Prof Dr Chuah Hean Teik seterusnya memaklumkan MAT bahawa Anthony Skelchy & Co telah dikekalkan sebagai Akauntan bagi sesi 2009/2010. MAT dengan suara bulat meluluskan cadangan Majlis dan mengesahkan perlantikan semula Tetuan KPMG sebagai Juruaudit Luar.

**14.0 HAL – HAL LAIN**

- 14.1 Lif untuk Bangunan baru

Ir. CMM Aboobucker (M13942) memberi komen bahawa adalah sukar bagi sesetengah ahli untuk menaiki 68 anak tangga untuk menghadiri MAT di Auditorium Wisma IEM.

Beliau diberitahu bahawa mulai minggu depan semua ceramah dan aktiviti akan diadakan di Wisma IEM. Beliau mencadangkan agar lif dipasang di bangunan baru untuk kemudahan ahli. Y.Bhg Dato' Ir. Prof Dr Chuah Hean Teik memaklumkan kepada MAT bahawa Excomm akan meneliti masalah ini.

- 14.2 Insuran IEM untuk Ahli

Ir. Lim Eng Wah (M08898) memaklumkan kepada MAT bahawa Jawatankuasa Tetap Hal Kebajikan dan Perkhidmatan telah memperkenalkan skim insurans baru yang akan menyediakan perlindungan komprehensif bagi ahli. Beliau selanjutnya memberitahu MAT bahawa skim insurans itu juga akan memberikan pendapatan pasif untuk IEM

**15.0 UCAPAN YANG DIPERTUA 2009/2010**

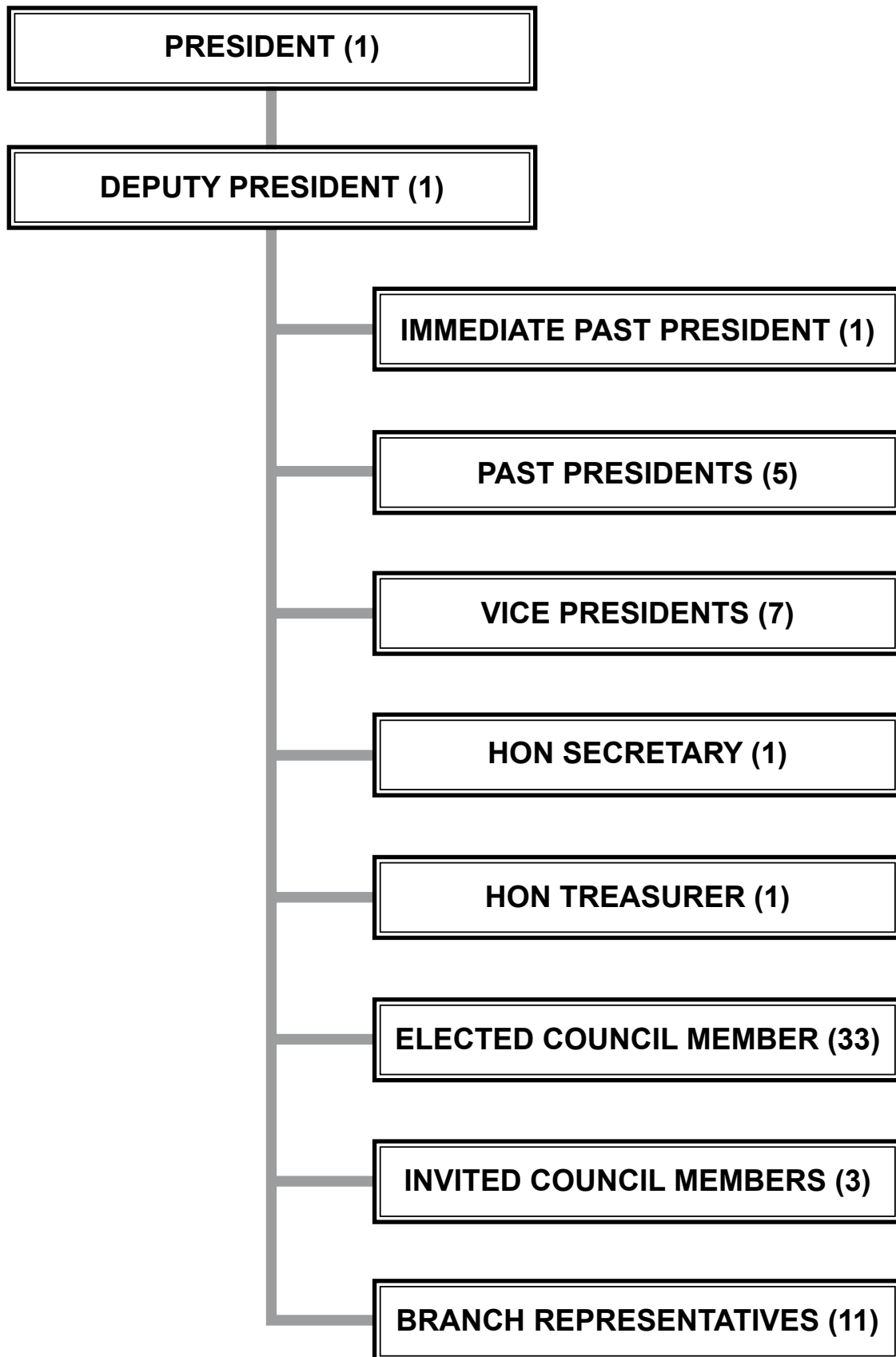
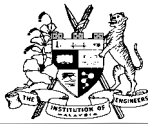
- 15.1 Y.Bhg Dato' Ir. Prof Dr Chuah Hean Teik Hean seterusnya dijemput untuk memberikan Ucapan Yang Dipertua 2009 yang berjudul "Building the Past, Engineering the Present, Educating the Future".

**16.0 PENANGGUHAN MESYUARAT AGONG TAHUNAN KE-50 TAHUN 2009**

- 16.1 Yang Dipertua mengishtiharkan Mesyuarat Agung Tahunan ditangguhkan pada 12:35 tengahari. Yang Dipertua mengingatkan ahli bahawa Majlis Makan Malam Tahunan akan diadakan di Imperial Ballroom, Hotel One World, Bandar Utama, Petaling Jaya.

Dato' Ir. Prof. Dr Chuah Hean Teik  
FIEM, PEng  
Yang Dipertua

Ir. Prof Madya Dr Jeffrey Chiang Choong Luin  
MIEM, PEng  
Setiausaha Kehormat





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
- Memberships & Subscriptions
- Building Fund Raising
- Renovation of IEM Buildings

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- Membership Drive
- Fellow Admission
- Admissions/ Transfer/ Elections
- Memberships
- 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/ Journal
- Editorial Board
- Library
- Other Publications/ Proceedings IEM
- IEM Directory
- Internal/ Electronics Communications
- Homepage/ Website
- Readership Survey
- IEM Book Project

**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
- Lady Engineers
- Jurutera Wargamas
- Insurance and Affinity Programme
- Members Welfare and Benefits
- Members Retrenchment
- Term Ing/ Juru'tara
- Employment Survey
- Health and Exercise
- Social and Fellowship
- Benevolent Fund Matters
- Public Lecture
- Family Day

**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 of Property Programmes
- Overseas Liaison and courtesy visits.
- Representation in
- WFEO
- AFEO/AER
- FEIIC
- CEC
- APEC/IEAF
- FEIAP
- APCCHE

**GRADUATES & STUDENTS SECTION**

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

**SPECIAL INTEREST GROUPS**

- Information Technology
- Consulting Engineering

**TECHNICAL DIVISIONS**

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

**MANUFACTURING DIVISIONS**

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

**IEM BRANCHES**

- Penang
- Southern
- Sabah
- Sarawak
- Eastern
- Perak
- Melaka
- Negent Sembilan
- Miri
- Kedah/ Perlis
- Terengganu



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**Third Row (L to R)**

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**URUSETIA IEM**

**IEM SECRETARIAT**



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Mr. C. P. Liew, Puan Aziah binti Bidin (Senior Executive), Ms. B. E. Ooi (Chief Administrator Officer), Ir. Prof. Madya Dr. Jeffrey Chiang Choong Luin (Hon. Secretary), Y. Bhg. Dato' Ir. Prof. Dr. Chuah Hean Teik (President), Ir. Vincent Chen Kim Kieong (Deputy President), Ir. Tan Yean Chin (Hon Treasurer), Ms. Janet Lim Kwai Cheng (Deputy Chief Administrator Officer), Mdm. Sarita Kaur (Senior Executive).

**Second Row (L to R)**

En. Norazmi bin Abdul Mokti, Ms Pamela Jitab, Ms. Loo Wei Yien, Ms. Jacquelyn Ong Lian Wah, Mdm. Malathy a/p Ramasandaran, Puan Fatimah binti Mohd Abdul Kadzar, Puan Rozana binti Kamal, Puan Zaiton binti Ibrahim, Ms. Yugashiniy a/p Tiri Murugan, Puan Norimah binti Hashim, Mdm. Prema a/p Silvarajan, Ms. Kalaivani a/p Annamalai, Puan Ruhaida binti Daud, Mdm. Eunice Yap Kwai Heng, Puan Halimah binti Musa, En. Abdullah bin Anda.

**Third Row (L to R)**

En. Zulheymi bin Ma'amor, Mr. Tiri Murugan a/l Odayan, En. Ahmad Tarmizi bin Abu Ariffin, Mr. Lum Kai Hou, Mr. Loo Weng Soon, En. Anda Lesmana bin Bachtiar, Puan Norhizan binti Mohd Yahya, Cik Nurul Khairiah binti Abd. Rahman, Puan Ainul Azraina binti Ainul Adnan, Puan Nurul Aida binti Mustafa, Puan Jamaliah binti Zainudin, Mr. Aaron Law Yue Ren, Mr. Eugene Choong Wye Loong, En. Luqman Abdul Hakim bin Mohd Fauzi.

Not in Picture

En. Yunordin bin Morere





**GAMBAR AKTIVITI 2009/2010**

**SNAPSHOTS OF ACTIVITIES HELD IN SESSION 2009/2010**





## 1 INTRODUCTION

- 1.1 On behalf of the Council of The Institution of Engineers, Malaysia , it is with pleasure that I present this 51st Annual Report for the 2009/2010 session.

## 2 MEMBERSHIP

- 2.1 Since the inception of the IEM from a modest beginning in the early 1959 with 60 members, the present strength of membership on its 51st year now stands at 22,974 on 1 March 2010.

Comparative figures of the last five years are as follows:

Grade	2006	2007	2008	2009	2010
Dist. Hon. Fellow	1	1	1	1	1
Hon. Fellow	14	14	14	18	17
Hon. Member	0	0	0	1	0
Fellow	715	699	702	706	709
Member	7,610	7,503	7,732	8,199	8,484
Graduate	5,506	5,281	5,849	6,178	6,857
Incorporated	7	8	9	16	22
Affiliate	20	18	16	15	16
Associate	7	9	9	13	16
Student	1,346	1,553	2,457	6,476	6,852
<b>Total</b>	<b>15,226</b>	<b>15,086</b>	<b>16,789</b>	<b>21,623</b>	<b>22,974</b>

- 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	15	0	0	0	23	50
Aerospace	0	0	0	0	3	9	0	0	0	9	21
Agricultural	0	0	0	5	28	37	0	0	0	9	79
Architectural	0	0	0	0	2	1	0	0	0	0	3
Automotive	0	0	0	0	0	1	0	0	0	2	3
Biochemical	0	0	0	0	0	4	0	0	0	3	7
Biology & Agricultural	0	0	0	0	0	0	0	0	0	4	4
Bio-medical	0	0	0	0	0	5	0	0	0	28	33
Biotechnology	0	0	0	0	0	0	0	0	0	7	7
Building	0	0	0	0	1	0	0	0	0	0	1
Building Services	0	0	0	0	5	1	0	0	0	0	6
Cad/cam	0	0	0	0	0	3	0	0	0	1	4
Chemical	0	0	0	15	199	391	0	0	0	703	1308
Civil	0	3	0	417	4789	3186	10	5	5	1768	10183
Civil & Structural	0	0	0	0	0	1	0	0	0	1	2
Communication	0	0	0	1	3	8	0	0	0	6	18





Computer	0	0	0	0	3	17	0	0	0	10	30
Computer & Communication	0	0	0	0	4	4	0	0	0	4	12
Computer Systems	0	0	0	0	1	1	0	0	0	1	3
Construction	0	0	0	0	0	2	0	0	0	0	2
Electrical	0	5	0	135	1631	1012	2	1	2	644	3432
Electrical & Electronic	0	0	0	0	0	1	0	0	0	51	52
Electromechanical	0	0	0	0	4	1	0	0	0	0	5
Electronic	0	0	0	5	121	476	3	0	3	437	1045
Electronic & Radio	0	0	0	0	2	2	0	0	0	0	4
Energy	0	0	0	0	2	1	0	0	0	0	3
Environmental	0	0	0	0	3	16	0	0	0	52	71
Food & Process	0	0	0	0	1	3	0	0	0	7	11
Fuel	0	0	0	1	1	0	0	0	0	0	2
Geological	0	0	0	0	1	1	0	2	0	0	4
Geotechnical	0	0	0	1	1	3	0	1	0	0	6
Highway	0	0	0	0	0	2	0	0	0	0	2
Highway & Transport	0	0	0	0	0	1	0	0	0	0	1
Industrial	0	0	0	0	3	17	0	0	0	1	21
Information Systems	0	0	0	0	0	1	0	0	0	0	1
Information Technology	0	0	0	0	0	1	0	0	0	0	1
Instrumentation & Control	0	0	0	0	13	5	0	0	0	1	19
Instrumentation & Systems	0	0	0	0	1	2	0	0	0	0	3
Manufacturing	0	0	0	0	7	38	0	0	0	166	211
Manufacturing Systems	0	0	0	0	0	1	0	0	0	0	1
Marine	0	0	0	0	14	9	0	0	0	5	28
Materials	0	0	0	1	5	22	0	1	0	33	62
Mechanical	0	1	0	114	1522	1461	7	5	5	2720	5835
Mechatronics	0	0	0	0	0	30	0	0	1	110	141
Metallurgy	0	0	0	1	6	1	0	0	0	0	8
Microelectronic	0	0	0	0	0	0	0	0	0	1	1
Mineral Processing	0	0	0	0	1	4	0	0	0	0	5
Mineral Resources	0	0	0	0	1	7	0	0	0	19	27
Mining	0	0	0	5	27	6	0	0	0	0	38
Mining & Metallurgy	0	0	0	1	0	0	0	0	0	0	1
Municipal	0	0	0	1	1	0	0	0	0	0	2
Naval Architecture	0	0	0	0	11	3	0	0	0	0	14
Nuclear	0	0	0	1	1	1	0	0	0	0	3
Others	1	7	0	0	0	0	0	1	0	2	11



Petroleum	0	0	0	0	5	12	0	0	0	4	21
Polymer	0	0	0	0	0	2	0	0	0	14	16
Production	0	0	0	1	10	9	0	0	0	0	20
Structural	0	0	0	3	35	14	0	0	0	0	52
Telecommunication	0	0	0	0	3	5	0	0	0	6	14
Thermal	0	0	0	0	1	0	0	0	0	0	1
Water Resources	0	0	0	0	2	1	0	0	0	0	3
<b>TOTAL</b>	<b>1</b>	<b>17</b>	<b>0</b>	<b>709</b>	<b>8484</b>	<b>6857</b>	<b>22</b>	<b>16</b>	<b>16</b>	<b>6852</b>	<b>22974</b>

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

Grade	Deceased	Resigned
Hon Fellow	0	0
Hon Member	1	0
Fellow	2	2
Member	7	9
Graduate	5	15
Student	2	9
<b>Total</b>	<b>17</b>	<b>35</b>

2.4 A total number of 6,092 members were in arrears of subscription for the year 2009. The total arrears in subscription for this year alone was recorded at RM431,675.50. The Council would have to look into deleting these names from the membership register if the arrears were not settled by mid 2010.

2.5 For the session a total of 17 members were reinstated. The details are as follows:

Member	10
Graduate	7

### 3 THE COUNCIL AND THE EXECUTIVE COMMITTEE

3.1 During the session, five Council meetings and sixteen Excomm meetings were held to look into the management of the property and affairs of the Institution.

3.2 I take this opportunity to thank all members of the IEM Council, Executive Committee, Standing Committees, Sub Committees, Technical Divisions, Special Interest Groups, AdHoc and Special Committees for their active participation and contribution in the activities of the Institution in furtherance of its objectives to promote the science and profession of engineering in the spirit of a learned society.

### 4. STANDING COMMITTEE ON FINANCE

4.1 The Standing Committee chaired by the Deputy President, Ir. Vincent Chen continued with the role of monitoring the financial management of the properties and affairs of the IEM. Regular meetings were held on every 3rd Tuesday of the month.

#### 4.2 Annual Subscription

The financing of the operating expenditure of the Institution continued to depend on the payment of annual subscriptions which made up approximately 60% of the total annual income of the Institution. The income derived from activities of IEM was also used to partially finance the repayment of the term loan taken for the purchase of the new building. The rental income from the new building was totally taken up by the repayment of the term loan amounting to RM86,000 per month.



In accordance with the Bylaws, the Institution sent out one general notice and one reminder (final reminder by A.R Registered postage) to remind members to pay their annual subscriptions.

Many members had been conscientiously paying their subscriptions promptly enabling IEM to maintain 81% collection for the year 2009. IEM wished to take this opportunity to thank all members who had promptly settled their subscriptions for 2009.

As at the end of the financial year 2009, there were however still 6,092 members in arrears of subscription for 2009.

#### 4.3 Administrative Expenses

Every concerted effort was made to control the rate of increase of expenditure through more effective budgetary control measures without seriously impairing the provision of Secretariat services to all grades of membership. IEM continued with the cost saving measures of sending reminders for meeting via sms instead of telephone calls, sending minutes of meetings and notices via e-mail, printing a master calendar of activities each month instead of the previous individual flyers for every activity as well as printing of the annual report and IEM directory in CD form to reduce postage cost.

This had resulted in the operating expenses (not inclusive of the financing expenses of Wisma IEM) being controlled at 88% of the income – compared to 90% in 2008.

#### 4.4 ISO 9001:2002

The ISO Surveillance Audit by SIRIM QAS was carried out in March 2009 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

The ground floor of Bangunan Ingenieur continued to be rented to Pizza Hut. The Secretariat office was expanded to the Second floor to provide more space for an increasing Secretariat staff strength. The Secretariat office also received a new look with furniture and partitions being put up to provide proper work stations. The work stations comprising partitions, desks and mobile pedestals were donated by Hong Leong Bank Berhad.

The IEM Library maintained at the Basement would also be refurbished in February and March 2010.

#### 4.6 Wisma IEM

Wisma IEM is currently tenanted by Maktab Kerjasama Malaysia who had taken up 85% of the available space at a monthly rental of RM81,000.00.

IEM is currently using the remaining space to conduct activities for members. The rooms available for IEM activities are C&S Lecture Room, TUS Lecture Room and IEM Function Room at the second floor and the Tan Sri Prof Chin Fung Kee Auditorium at the third floor.

##### 4.6.1 Task Force on Fund Raising for Wisma IEM

This Task Force co-chaired by YBhg Datuk Wira Ir. Md Sidek bin Ahmad and Ir. Dr Gue See Sew was formed to take over the responsibility of soliciting contributions for the Building Fund.

The Task Force decided to print a fundraising appeal brochure and to approach the big corporations for contributions. The Task Force target to raise RM3 million in three years as part settlement of the term loan.

#### 4.7 Sub-Committee on Human Resources

This Sub-Committee chaired by the Hon. Secretary, Ir Assoc Prof Dr Jeffrey Chiang Choong Luin continued to look into the recruitment and deployment of staff for the Secretariat. Meetings were held regularly to deal with matters relating to Human Resource of Secretariat.

#### 4.8 Sub-Committee on IEM Infrastructure

This Sub-Committee chaired by the Hon. Treasurer, Ir. Tan Yean Chin played an important role in monitoring the maintenance of Bangunan Ingenieur and Wisma IEM including the planning and implementation of renovation plans. The function of the Committee also covered other facilities such as usage of the meeting rooms, security system of IEM, fire protection, ICT computerisation and networking as well as the general facilities.

### 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 and membership drives. 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 2009, a total of 4,581 candidates were approved for election, admission and transfer to the various grades as listed below:

	2007	2008	2009
(a) Transferred to the Grade of Distinguished Hon. Fellow	-	-	-
(b) Elected to the Grade of Hon. Fellow	-	-	-
(c) Transferred to the Grade of Fellow	13	9	6
(d) Elected/Transferred to the Grade of Member	329	511	607
(e) Admitted/Transferred to the Grade of Graduate	839	1005	1193
(f) Admitted/Transferred to the Grade of Incorporated Member	3	6	5
(g) Admitted to the Grade of Affiliate	1	1	-
(h) Admitted to the Grade of Associate	3	7	4
(i) Admitted to the Grade of Student	1802	4741	2766
<b>Total</b>	<b>2990</b>	<b>6280</b>	<b>4581</b>

### 5.3 Membership Applications Board

This Membership Applications Board chaired by Ir. Dr Abu Bakar Mahat, 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 the APEC/EMF International Registers. The breakdown of applications for these two Registers were recorded as follows:

- 20 approved for ASEAN Engineers Register (AER)
- 49 approved for International Engineer Registers (APEC/EMF)

### 5.5 Sub-Committee on Membership Drive and Career Guidance

Chaired by Ir. Noor Hisham bin Yahaya, this Subcommittee's role was to organise membership drives at various organisations to conduct talks on "Route to MIEM" as well as "Career in Engineering" at local schools, colleges and Institutions of Higher Learning (IHLs).

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

The Subcommittee also conducted a "Membership Drive Workshop" on 13 June 2009 to discuss ways to increase membership and also a session on "Train the Trainers" on 15 August 2009 to train more speakers to conduct career as well as "Route to MIEM/PE" talks. The Subcommittee also looked into standardizing the presentation materials to assist speakers in their talks. The various talks were presented to organisations not only within the Klang Valley but also at IEM Branches to encourage engineers to join the Institution.

### 5.6 IEM Accreditation Board

The Accreditation Board, under the Chairmanship of Ir. Prof. Dr. Zainal Abidin 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 the 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 chaired by Ir. Choo Kok Beng continued to deal with the regulating of professional interviews, co-ordination of the IEM/BEM Graduate Examinations, administering the IEM Training Scheme including Continuous 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-December 2009 were recorded as follows:-

Nos applied to sit	Nos failed	Nos waiting for result	Postponed	Nos passed
626	78	276	15	257



In 2009, IEM received a total of 74 applications for the Professional Assessment Examination (PAE) from the Board of Engineers, Malaysia (BEM). 24 candidates passed the PAE and 5 failed while the rest are cases that had been postponed by the candidate as well as those awaiting results.

The Board continued to organise a number of Professional Interview workshops at IEM Headquarters, Branches and private organisations and at universities. For the year 2009, 3 professional interview workshops were held. Candidates were briefed on the latest procedure and policies with regard to the professional interview. A workshop for Professional Interviewers was also held where interviewers provided feedback and comments for improvement of the Professional Interview process.

In the year 2010, the PI Board intends to conduct PI workshops at the Branch level as well so as to disseminate information to the candidates outside Klang Valley as well as to update the Interviewers on the latest developments and requirements of the Professional Interview.

The PI Board also plan to revise the Professional Interview Guidelines as well as the essay questions on Code of Professional Conduct in 2010.

### 6.3 IEM/BEM Graduate Examinations Bureau

The Bureau chaired by Ir. Prof. Dr. Syed Abdul Kader Aljunid continued to process applications to sit for Part 1, Part 2 and Part 3 of the IEM/BEM Graduate Examinations.

#### 6.3.1 32nd IEM/BEM Graduate Examinations

The results of the IEM/BEM Graduate Examinations held on 18 - 23 May 2009. The detail results are as follows:

Part 1:	There were no candidates for this sitting
Part 2:	3 out of a total of 13 completed the examination
Part 3:	2 out of a total of 8 completed the examination
Paper 300A (Engineer in Society)	1 sat for the exam and passed

#### 6.3.2 Localised IEM/BEM Graduate Examination

The localized examination which was expected to be introduced in 2009 had to be deferred pending approval from the relevant bodies. The new syllabus is made of two parts written examination and the third part would be on practical training.

#### 6.3.3 Board of Examiners

The Board of Examiners chaired by Ir. Prof. Dr. Zainal Abidin Ahmad continued to prepare questions for Paper 300A of the IEM/BEM Graduate Examinations and maintain a pool of Examiners, Markers and Moderators for the running of the Examination. In addition, the Board also finalized the revision to the examination structure and syllabus and introduced new subjects for candidates to select in the various disciplines.

Although the 2009 Localised Examination was deferred, the Board continued with its preparation of questions for the Question Bank.

### 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 2009.

The Sub Committee is currently looking into improving the log book scheme and recruiting more Mentors.

### 6.5 IEM Training Board

The IEM Training Board chaired by Ir. Dr. Lee Teang Shui 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 2008.

The Training Board is responsible to evaluate all programmes conducted by Technical Divisions as well as Branches of IEM. In 2009, the Training Board continued 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 and the Training Board accredits programmes conducted by Approved Training Providers and issues CPD hours for approved programmes.



## 7 STANDING COMMITTEE ON INFORMATION AND PUBLICATIONS

- 7.1 Ir. Prof. Dr Ruslan Hassan session 2008/2009 expired in April 2009. This Standing Committee continued with the new Chairmanship of IEM Vice President, Ir. Oon Chee Kheng whom responsible for the publication of the IEM monthly Bulletin – JURUTERA, quarterly Journal and annual IEM Directory as well as the management of the IEM Library. Dimension Publishing Sdn Bhd continues to assist the Committee in the publication and printing of the IEM magazines with effect from 1 July 2008 until 31 December 2013.

The Standing Committee is also adjusting to the new role in maintaining the website and looking after its quality. In the year under review, the Committee met regularly on every 1st Saturday of the month after Excomm.

### 7.2 IEM Journal

Total of four issues of the Journal were published distinguished by its purple colour for the year of 2009. The 2010 issues would be printed in amethyst colour. The March 2010 issue is now under print and should be delivered by April 2010 at the time of preparing this Annual report.

The Sub-committee is applying for the IEM Journal to be re-listed as an International Journal under Scopus indexing. The Committee is also in the process of looking into the Journal online submission as well as review process via online.

### 7.3 JURUTERA Bulletin

Twelve issues of the Bulletin were published for the year of 2009 which emerged with a new design layout. The Editorial Board is currently in the process of finalising the contents of the April 2010 issue and compiling the issues of May 2010.

At the 379th Standing Committee meeting, the Committee proposed the following themes to be considered from January until December 2010 issues: -

- (a) *January 2010 Issue (Geotechnical Engineering)*
- (b) *February 2010 Issue (Water Engineering)*
- (c) *March 2010 Issue (Mining and Quarry Engineering)*
- (d) *April 2010 Issue (Special Issue on IEM Southern Branch)*
- (a) *May 2010 Issue (Construction Management)*
- (b) *June 2010 Issue (Food Engineering- TBA)*
- (c) *July 2010 Issue (Building Services)*
- (d) *August 2010 Issue (Green/ Renewable Energy)*
- (e) *September 2010 Issue (Railway and Transportation)*
- (f) *October 2010 Issue (Safety and Health)*
- (g) *November 2010 Issue (Advance Material/ Nano-technology)*
- (h) *December 2010 Issue (Engineering Education)*

### 7.4 IEM Directory

An announcement seeking the willingness of the members to provide their contacts and e-mail addresses in the new Directory was made along with the annual subscription notice of 2009. The directory was targeted to be printed by end March 2010.

### 7.5 Book Project

The publication of a coffee table book on “Engineering Heritage in Malaysia” was delayed due to inadequate financial support. Contribution of RM 187,000 is needed to fund the project.

### 7.6 IEM Website and Homepage

The IEM Website/Homepage owned by IEM under the stewardship of this Standing Committee undertakes the roles of :

- Standardising templates for maintenance, future improvements and operations
- Developing proper control, monitoring and governance
- Setting procedures on future applications, e-policies and ownership
- Looking into finance and funding policy

Special task force on IT was looking into revamping the system.

### 7.7 Library

The number of reading materials in the library collection had increased tremendously with new books purchase, donations from Technical Divisions. Copies of proceedings and papers presented at various workshop sessions, conference and seminars. The library also maintained news cuttings of engineering materials for member reference.

Two units of Computer with Internet access had been kept at library for IEM Library member's use.

Members are encouraged to submit their recommendations for the purchase of relevant books.



Ir. CMM Aboobucker continued to chair the Sub Committee with monthly meetings held Saturdays to discuss matters pertaining to the library before reporting to the Standing Committee.

The library underwent of a renovations to improve on the layout and environemnt.

## 8 STANDING COMMITTEE ON ACTIVITIES

8.1 The Standing Committee is chaired by Ir. M.C. Hee.

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 2009.

### 8.2 IEM Annual Events and Activities 2009

Some of the major events are highlighted below:

- 2-4 March 2009 CONCET 2009 was jointly organised by UiTM, IEM and UM and was held at Intekma Resort & Convention Centre, Shah Alam. Well over 100 participants attended the Conference.
- 23-25 March 2009 International Conference on Engineering and Education in the 21st Century (ICEE) was organised by IEM in collaboration with IEM Sarawak Branch and supported by the Asean Academy of Engineering and Technology (AAET), Akademi Sains Malaysia (ASM) and International Centre for South-South Cooperation in Science Technology and Innovation (ISTIC). The Conference was held at the Riverside Majestic Hotel (formerly known as Crowne Plaza Riverside), Kuching, Sarawak and was attended by 280 participants. The Guest of Honour was YAB Pehin Sri Tan Sri Hj Abdul Taib Mahmud, Chief Minister of Sarawak. The Conference concluded with a technical visit to the Bengoh Dam on the last day.
- 18 April 2009 The 50th Annual General Meeting of the IEM was held at Wisma IEM, Petaling Jaya and was attended by 359 members.
- 18 April 2009 The 50th Annual Dinner was held at One World Hotel, Petaling Jaya. 1,030 members and guests attended the dinner. The official launch of the IEM 50th Anniversary Commemorative Stamp and First Day Cover was conducted at the dinner. The programme of the dinner was the presentation of the IEM Gold Medal Awards, IEM Best Technical Papers Awards and Most Supportive Organisation/Individual Awards. A Conferment of the IEM Hon Fellowship was also presented to Y.B Dato' Sri Ir. Mohd Zin bin Mohamed. Other programmes included conferment of the IEM Young Engineers Awards and conferment of the IEM Lady Engineer Award.
- 22 July 2009 The IEM Golf Tournament 2009 was held at the Kelab Golf Perkhidmatan Awam (KGPA), Bukit Kiara, Kuala Lumpur. 80 members and guests participated in the tournament.
- 30 November – 2 December 2009 The 27th Conference of the ASEAN Federation of Engineering Organisation was hosted by The Institution of Engineers, Singapore at Suntec City Convention Centre. The theme of the Conference was "Engineering for Sustainable Environment". A delegation of 86 members attended the Conference and a technical visit to Marina Barge.

### 8.3 IEM Presidential Award of Excellence

The winners for the activities conducted for year 2008 are as follows:

Winner	Mechanical Engineering Technical Division
1st Runner up	Geotechnical Engineering Technical Division
2nd Runner up	Civil and Structural Engineering Technical Division
4th Placing	Electrical Engineering Technical Division
5th Placing	Building Services Technical Division
Most Improved	Project Management Technical Division

## 9 STANDING COMMITTEE ON PROFESSIONAL PRACTICE

9.1 The Standing Committee continued through the session under the chairmanship of Ir. PE Chong. The main function of this Committee is to handle and discuss matters on a monthly basis pertaining to Professional Practices, Arbitration as well as Complaints on Professional Conducts and ethics matters as well as other matters that may be brought from time to time and is of relevance for the deliberations of this committee.

### 9.2 Sub Committee on Engineering Contracts

This Sub Committee is chaired by Ir. K Gunasagaran and is tasked with the redrafting of the IEM of the Condition of Contracts for Civil Engineering Works and at the time of writing the Sub Committee is finalizing the paper. Prior to this as part of the exercise, in 2009, a "Forum on IEM Draft Condition of Contracts for Civil Engineering Works" was organized to gather opinions from the public and members



### 9.3 Sub Committee on Dispute Resolution Practice

The Sub Committee was chaired by Ir. Dr. Ooi Teik Aun and its main function is to review the IEM Rules for Arbitration.

The Sub Committee jointly organized with MIArb and PAM a "2-½ day Arbitration Award Writing Course" in August 2009 at Wisma IEM Petaling Jaya, Selangor

### 9.4 IEM Fire Advisory Board

The Sub Committee chaired by Ir. Thin Choon Chai studied technical issues relating to fire protection, assisted the Fire and Rescue Department in policy formulation, and disseminated information relating to fire safety.

The Sub Committee had been actively involved in the Technical Committees formed by the Fire and Rescue Department and SIRIM.

### 9.5 Sub Committee on Standard Writing Organisation (SWO)

The Sub Committee on SWO was set up to identify the various engineering standards that IEM could assist SIRIM. Ir. Mun Kwai Peng continued as the SWO Co-ordinator for IEM. IEM with strong support from the Civil & Structural Engineering Technical Division is preparing the various standards with regards to the Annexes to the European Codes of Practice.

### 9.6 Sub Committee on Street, Drainage & Building Act and Uniform Building Bylaws (UBBL)

Ir. M.C. Hee chaired the Sub Committee till April 2009 committee looking into further proposal of the amendments to the UBBL. And Ir. Tu Yong Eng is to take over the chairmanship

### 9.6 IEM Arbitrator Appointment / ADR Advisory Board

The Sub Committee, which is chaired by Ir. PE Chong, continued with its function of nominating/appointing arbitrators for parties in dispute. This Committee also interviewed Arbitrators for the panel. And 3 Arbitrators were appointed for the session 2009/2010.

The Amendments of IEM Arbitration Rules No 2, 3 and 4 [in relation to Article 5, 6 and 7 Uncitral Rules] were approved by The Council on 18th January 2010 through its 370th Meeting.

### 9.7 Sub Committee on Screening of Complaints

The Sub Committee under the chairmanship of Y. Bhg. Dato' Ir. Pang Leong Hoon screened all the complaints or issues presented to IEM, on whether there is a need to set up disciplinary Adhoc Committee on each case. Replies were sent to all complainants in all the cases.

### 9.8 Sub Committee on Legislation Affecting Engineering Profession

The IEM comments and views on CIPAA had been submitted on 25 November 2009

The Chairman informed that BAR Council has also submitted views similar to those of IEM to the AG Chambers on this matter. As there was no reply from CIDB, the Excomm approved sending a letter to the AG Chamber directly, enclosing our comments on CIPAA and with copies sent to CIDB and the Legal Advisor of the Ministry of Works

### 9.9 AdHoc Committee

#### 9.9.1 Adhoc Committee on Review of the Registration of Engineering Act

The Sub Committee has reviewed the Act and made the amendments deemed appropriate at the time of this writing. The Chairman will forward to Excomm for deliberation

#### 9.9.2 Adhoc Committee on Professional Conduct – Hearing Committee

Ir. Dr. Ooi Teik Aun was appointed to evaluate a case. It was concluded that no further action needs to taken and the case is considered closed. The Chairman will forward to Excomm for recommendation

#### 9.9.3 Adhoc Committee on Proposed Amendments to the Bylaws Section IX : Professional Conduct and Discipline

Y. Bhg. Dato' Paduka Ir. Hj. Keizrul was appointed to study on the possible amendments and make necessary final changes to the by-laws which shall be tabled to Excomm for approval.

### 9.10 Appointing of IEM Representatives to Outside Bodies

The Standing Committee shall cease to appoint IEM representatives to outside organizations. This matter is now transferred to the Hon Secretary.





## 10 STANDING COMMITTEE ON WELFARE AND SERVICE MATTERS

10.1 Under the chairmanship of Vice President, YBhg. Datuk Ir. Rosaline Ganendra, FIEM, PEng, this Standing Committee held its monthly meetings on every 2nd Thursday 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 RM42,871.00 was received for the session 2009/2010. The IEM would like to record its appreciation to the members for their kind support and generosity.

This year IEM had approved RM7,200.00 for the financial aid to the family of late Engr. Aaron Tan Boon Kong. A cheque presentation was made at the IEM Sabah Branch to the wife, Ms. Jessica P. Lajaip. The balance available in the fund as at December 2009 is RM276,469.87.

The Benevolent Fund contributed RM4,207.50 to the Jurutera Wargamas Scheme for the year.

### 10.3 Jurutera Wargamas (JWS) & 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.

14 applications submitted and a total of 13 were approved for the year 2010 under JWS. For 2009, the members who are enjoying the privileges for being exempted are recorded as 38.

### 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 2009.

### 10.5 IEM Ads (Formerly known as 'Jurutera Sementara')

The 'Jurutera Sementara' is a scheme aimed to provide assistance to IEM members who are not employed but are in need to earn some income. The IEM Secretariat will compile the list of engineers in need of employment. The list could then be sent to companies and industries appealing to them to employ these engineers on a short term or contract basis. Since there were no requests or submissions from members, the scheme was not fully implemented.

However, since November 2007, IEM had provided service to its members who are looking for engineers on a full time/contract or on a part-time basis to fill job vacancy in their respective companies by advertising job vacancy at IEM Website and Notice Board.

For the year 2009, IEM is offering a service to IEM members who may be threatened by recent retrenchments due to companies feeling the effects of the economic slowdown. By applying through this service (IEM Job Matchmake), IEM members will allow us to send their resumes to our large pool of clients.

This year, the Standing Committee had decided to rebranding the scheme to a unit called 'IEM Ads' which comprised of services namely IEM Job Matchmake, Job Placement in IEM Website and notice board and advertisement at IEM through IEM Advertisement Board and LCD TV panel for the company to advertise their products and services. Total of 64 advertisers had submitted for advertising and 157 no. of jobs advert was advertised in Year 2009.

### 10.6 Employment Survey

The Standing Committee will continue the employment survey to obtain information pertaining to the employment situation, remuneration and looked into job satisfaction concerning the profession in Year 2009. This Committee also incorporated questions related to the feminine profession and industry.

However, regretted to inform that IEM Employment Survey 2009 received poor response from the members. The Standing Committee looking this matter seriously and will come with ideas to enhance the meaningful of this survey to our members.

### 10.7 IEM Family Day 2009

IEM Family Day is an event that members look forward to every year. It serves as an avenue for networking among senior and young engineers and is especially helpful for the council members to obtain feedback on IEM activities. It also promotes further advancement for engineers besides fostering closer rapport between members.

All these years, the event had been held at the Tan Sri Mahfoz Khalid Hall in the Public Works Department, Kuala Lumpur except for last year it was held at Wisma IEM prior to the purchase of the new building. This year on 16 May 2009, Taman Jaya Lake Garden, Petaling Jaya was chosen as the venue for this event in conjunction with IEM's 50th anniversary and in anticipation of a bigger crowd.



The event attracted 239 participants comprising IEM members and their families this year.

There were at least 20 types of challenging and fun games for children and adults. These included telematches, dartboard game, electric path wire challenge, engineering snake and ladder IQ test and guessing games. IEM has hired a caterer to set up food stalls serving local favourites such as nasi lemak, roti jala served with chicken curry, fried noodles, satay, ais kacang and many other delicious foods. The lady engineers gave their support by setting up stalls selling handy crafts and providing face-painting services.

Newly-elected IEM President, Y.Bhg. Dato' Eng. Prof. Dr. Chuah Hean Teik thanked the IEM Family Day 2009 organising committee and IEM secretariat staff for their hard work in organizing the event and ensuring its success. He also extended his appreciation to Majlis Bandaraya Petaling Jaya (MBPJ) for allowing IEM to utilise the lake garden and Sponsors for their generous contributions. He also expressed hope that members will continue supporting IEM and enhances the image of engineers by contributing to the development of the country and urged to participate actively in IEM's activities.

IEM took the opportunity during this event to confer the 'Honorary Member of IEM' award to Master Yeoh Tong Eng - a 97-year-old Wai Dan Gong instructor and presented a Donation Cheque of RM30,020.00 for the Victims of Sichuan Earthquake to the Representative of Embassy of the People's Republic of China in Malaysia.

#### 10.8 Engineering Week 2009

In conjunction with IEM 50th Anniversary this year, the annual IEM Engineering Week (EW09) was held from the 20th to 25th April 2009 nationwide, with the theme 'Prime Movers of Nation Building'. This is the thirteenth (13th) consecutive year IEM had organized such event which was first established in 1996 known as Engineers Week.

The launching of the Institution of Engineers Malaysia (IEM) Engineering Week (EW09) was held at the Universiti Teknologi Malaysia (UTM), Skudai, Johor on 20 April 2009 was a success; jointly-organized with Universiti Teknologi Malaysia (UTM) and IEM Southern Branch. The memorable event was officiated by Y.B. Dato' Saifuddin Bin Abdullah, the Deputy Minister of Higher Education, Malaysia.

The purpose of EW09 was to increase public awareness and appreciation of the engineering profession. It represents our continuous effort to enhance the image of the engineering profession amongst the community. About 150 invited guests; comprising of invited industries captains in Johor Baharu, UTM staffs and academicians, members of IEM HQ and IEM Southern Branch attended the launching ceremony.

The inaugural speech from Y.Bhg. Dato' Paduka Ir. Hj. Keizrul Abdullah, the IEM Immediate Past President was indeed invigorating. In his speech, he emphasized his gratification to the organizing committee of this year's IEM-EW09 at UTM Skudai, Johor. Being the Malaysia's premier university in engineering and technology, UTM is renowned for being at the forefront of engineering and technical knowledge and expertise. It is only apt and fitting for UTM to be the host and venue for the opening ceremony of IEM-EW09. UTM has indeed established a reputation for innovative education and leading-edge research, with a vision to educating technologists and professionals, towards the development of creative human resource and advanced technological innovations.

He also mentioned that in light of the current global economic situation where unemployment is on the rise, it is vital for school-leavers to choose the right profession to ensure their employability when entering the labour market. In line with the aspiration of the Nation to achieve a fully industrialized status by 2020, with engineering being one of the key drivers of economic growth, Engineers are seen to stand at the forefront, paving the path forward towards achieving this goal. As the engineering profession has always been known as the engine of growth of a nation's economy, a career in engineering would be the most obvious option for any smart, ambitious and career-minded youth.

Y.B. Dato' Saifuddin Bin Abdullah, the Deputy Minister of Higher Education, Malaysia, who was the honorary guest, in his speech congratulated IEM for its wonderful and tireless efforts in organizing the Engineering Week this year. He supported IEM's advocates in promoting engineering as a subject of choice for students and school-leavers upon entering university.

He mentioned that during these very trying times, the world is going through a period of recession and unemployment is on the rise. As the world weathers this economic crisis, countries like Malaysia will be in various stages of economic restructuring. In doing so, an important strategy is to be competitive through science and technology. Such an environment presents opportunities for engineers, with their specialized knowledge of technology, to play a leading role. A dynamic engineering profession can help boost the economic engines of Malaysia and place them firmly on the path of steady economic growth once again. The challenge in the new millennium is to continue the momentum for engineering to be an on-going engine of growth for our economy.

The ceremony continued with a speech by Y.Bhg. Prof. Dato' Ir. Dr. Zaini bin Ujang, Vice-Chancellor UTM and briefing on Engineering Week by Ir. Noor Hisham Yahaya, the organizing Chairman of IEM-EW09.

During the official launching, a multimedia show on IEM and IEM-EW09 activities were presented. The ceremony continued with a guided tour by the organizer on the exhibitions on engineering research activities & engineering achievements by UTM researchers followed by a Press Conference. Lunch was served at the end of the event.

On behalf of the Organizing Committee, IEM would like to extend our deepest appreciation to both the organizers; Universiti Teknologi Malaysia (UTM) and IEM Southern Branch, for providing the facilities and arrangements in the official launching of IEM-EW09.



With the participations from IEM branches all over Malaysia, a one-week program has been arranged to promote engineering as a profession. The programmes were designed to touch on many career aspects such as the challenges, professionalism, working environment and options available to engineers.

During the IEM-EW09 week-long event, engineers, students, parents, academicians and the general public joined IEM's activities dedicated to promote understanding and awareness of the Engineering profession. These activities include recognizing the contributions made by engineers and young Malaysians especially school-leavers to pursue studies in science and technology. Ultimately the event sought to promote engineering disciplines as their field of study and eventual profession of choice. The target groups for this year IEM-EW09 programmes are the organizations, IEM members, universities and schools.

Selected groups identified in this year IEM-EW09 program in order to promote the profession are;

- a. High school students; in promoting and making aware the engineering profession
- b. University students; in exposing them with future job expectation and career challenges
- c. IEM members; in their continuing development to current engineering knowledge
- d. Practicing Engineers; in their pursuit towards becoming Professional Engineer

The programmes focus on the followings:-

1. Engineering – Prime Movers of Nation Building;
2. Engineering as a career, the privileges of being an Engineer;
3. Attracting school leavers to take up engineering;
4. Contribution of Engineers in scientific & technological development.

The closing ceremony of IEM-EW09 begun with a career exhibition and IEM membership drive promotion at 9am. It was then proceeded with a career guidance talk by Jobstreet.

The closing ceremony of IEM-EW09 was inaugurated by a speech from Ir. Vincent Chen Kim Kieong, Deputy President of IEM. In his speech, he highlighted that beyond the role of encouraging more students and graduates to join the engineering profession, IEM is also committed to assist engineers to cope with the changes in technology through continuous professional development (CPD). This is owing to the fact that engineers need to keep pace with the changing global trend in the increasingly knowledge-based driven economy – an economy in which relevant knowledge and skills are the key resources. In a knowledge-based economy, well-trained, creative and “thinking” workforce that embraces the practice of lifelong learning will likely play the crucial role in determining economic growth and prosperity.

The ceremony then continued with a speech by Y.B. Datuk Seri Ong Tee Keat, Malaysia's Minister of Transport. In his speech, the minister stated that with the current globalization and increased competition among nations, innovation is the key to our society's future well-being. This requires world class human capital infrastructure. The era of “Government knows best” is over. This is where the role of IEM becomes critical in shaping our engineers of the future. Closer collaboration and dialogues are needed between professional bodies like IEM, industry, academia, and government. Together, we will find the right level of balance between our needs for today and the future. On that note, he declared the IEM Engineering Week 2009 officially closed. The minister then toured the career exhibition booths which were then followed by a press conference and lunch.

#### 10.9 Talks/Dialogues/Gatherings

For this Session, talks on ‘Health Diseases – Metabolic Syndrome’ on 22 June 2009, ‘Essence of Tea for Health’ on 27 August 2009 and ‘Man's Health Unzip’ on 17 November 2009 had been organised. The Standing Committee from time to time will organise health and insurance related to welfare and members' well being.

#### 10.10 Health Care and Exercise

The “Wai Dan Gong” lessons under Chief Instructor Master Yeoh Tong Eng were held on every Monday and Wednesday from 8:15 p.m. – 9:15 p.m. at IEM Penthouse since 2000. Presently, there are 15 members in the class. In recognition of Mater Yeoh's contribution, the Standing Committee has presented an Honorary Member of IEM to him during the IEM Family Day 2009 on 16 May 2009.

#### 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. Other insurance proposals are also being looked into for the benefit of members and at the same time earn some money for IEM.

#### 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 for Lady Engineers

This Sub-Committee chaired by Ir. Toh Ai Ching, MIEM, PEng. organised events for the interest of IEM lady engineers. The Sub-Committee besides organising talks, publishing articles in the IEM Bulletin also proposed the Lady Engineer worthy of the IEM Lady Engineer Award to be nominated for consideration of the IEM Award Committee. The Sub-Committee conducted an employment survey of lady engineers which form a portion of the Employment survey form.

The Sub-Committee continued to organise social events for the year and these are tabulated in the summary sheet.

### 10.14 Disaster Relief Fund

IEM has initiated the 'Disaster Relief Fund – For the Victims of Earthquake in Padang, Indonesia and Typhoon 'Ketsana' in Philippines. Donations received will be channeled to 'ASEAN Cooperation Fund for Emergency Relief' which will coordinate the distribution to the various relief and rehabilitation organisations. The donation drive ended on 27 February, 2010. We wish to record our appreciation to all donors.

### 10.15 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, we believe should be able to enhance the image of the profession and Institution.

This year, IEM managed to do Community Services Responsibility projects at Bentong Chamag Waterfall, Bukit Tinggi 'Hilly' Ginger, Cameron Highlands Tringkap Village, Pulau Ketam and Sg. Lima.

### 10.16 Other Benefit Projects

The Committee managed to obtain corporate rates for hotel rooms and booking of conference venues at various hotels in Malaysia for year 2009.

## 11 STANDING COMMITTEE ON CORPORATE AFFAIRS

11.1 Ir Lee Weng Onn was appointed the Chairman to this Standing Committee for Session 2009-2010 to oversee the various initiatives to improve the image of IEM and the position of IEM as the leader of engineers in Malaysia and the ASEAN region. The Standing Committee handles the co-ordination of the international involvement of IEM and monitors the activities of the various IEM foreign initiatives.

### 11.2 Registration with MYIPO

IEM's logo is being registered as a trademark with MYIPO.

### 11.3 ASEAN Federation of Engineering Organisations (AFEO) Secretariat

The IEM continued to host the AFEO Secretariat with Ir. Tan Yean Chin, as the Secretary-General. The AFEO Secretariat Management Committee continues to monitor the work of the Secretariat in performing its duties so as to function effectively and efficiently.

The Mid Term Meeting of the AFEO Board of Governors was hosted by the Myanmar Engineering Society (MES) from 3-6 June, 2009 at the MES Building, Yangon, Myanmar.

The Institution of Engineers Singapore (IES) hosted the 27th AFEO Governing Board Meeting held on 30 November 2009 at Suntec City Convention Centre, Suntec City, Singapore and the 27th Conference on ASEAN Engineering Organisations, (CAFEO 27) with the theme "Engineering for Sustainable Environment".

AFEO Countries	Distinguished Hon. Fellow	Hon. Fellow	Hon. Member	Total
Brunei (PUJA)	-	-	-	0
Cambodia (EIC)	1	36	33	70
Indonesia (PII)	3	24	2	29
Laos PDR (LUSEA)	1	5	10	16
Malaysia (IEM)	2	40	24	66
Myanmar (MES)	2	25	22	49
Philippines (PTC)	3	11	1	15
Singapore (IES)	-	25	-	25
Thailand (EIT)	5	14	6	25
Vietnam (VUSTA)	-	-	-	0
<b>TOTAL</b>	<b>17</b>	<b>180</b>	<b>98</b>	<b>295</b>



#### 11.4 ASEAN Engineers Register (AER)

IEM continued to host the Secretariat of the ASEAN Engineers Register (AER). Ir. Rocky H. T. Wong, FIEM, Peng was appointed the post of AFEO Head Commissioner for another term.

The ASEAN Engineers Register Executive Committee currently based at IEM continued to organise activities for the Register. Monthly meetings were held to look into the affairs of the AER membership for the 10 countries.

The AE Register currently hosts a total of 1,438 registered ASEAN Engineers. The breakdown of these registered members by country of origin is as follows:

Member Country	M'ship	Member Country	M'ship
Brunei	0	Myanmar	125
Cambodia	185	Philippines	91
Indonesia	149	Singapore	14
Laos PDR	19	Thailand	35
Malaysia	693	Vietnam	159

Deceased /resigned : 14 from Malaysia

Regular monthly meetings were held and member countries were regularly briefed on the happenings with the ASEAN countries.

#### 11.5 AER National Monitoring Committee (NMC)

Ir. Yim Hon Wa, took over the chairmanship of this Committee from Y.Bhg. Dato' Engr. Abdul Rashid bin Maidin. The main function of the IEM AER NMC is to process applications for IEM members applying to be registered as ASEAN Engineers. The Committee also arranges for the presentation of AE certificates and medallions to successful applicants from IEM.

#### 11.6 APEC/International Engineer Register Committee

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 Applications Board chaired by Ir. Dr Abu Bakar Mahat, MIEM PEng would vet and process all applications and forward the submissions to the Standing Committee for approval. To date, a total of 289 members have registered for both the Registers.

#### 11.7 Federation of Engineering Institutions of Asia and the Pacific (FEIAP)

The Institution of Engineers, Malaysia hosts the permanent Secretariat of FEIAP. The Institution of Engineers, Singapore (IES) hosted the 17th FEIAP General Assembly on 1 December 2009 at Suntec City Convention Centre, Suntec City, Singapore. IES holds the FEIAP Presidency until end of 2011.

There are now a total of 17 Member Economies with 4 other members indicating their willingness to join FEIAP. These institutions are The Institution of Engineers, India (IEI), The Institution of Engineers, Bangladesh (IEB), The Engineering Institution of Cambodia (EIC) and the Vietnam Union of Science and Technology Associations (VUSTA).

#### 11.8 Federation of Engineering Institutions of Islamic Countries (FEIIC)

The 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. Dato' Paduka Ir. Hj Prof (Dr) Keizrul Abdullah, was appointed the Chairman of this Sub-committee.

The 22nd General Assembly and General Council Meeting of FEIIC was held in Damascus, Syria on 11 May 2009. Eng. Wael Akram A-Saqqa of Jordan was appointed the President of the FEIIC Council whereas Ir. Assoc. Prof. Megat Johari Megat Mohd Noor of Malaysia was appointed the Deputy President.

#### 11.9 World Federation of Engineering Organisations (WFEO)

The WFEO General Assembly was held in Kuwait City, Kuwait from 2-6 November 2009. Mrs Maria Jesus Prieto Laffargue of Spain was elected to the Post of President whereas. Eng. Adel Al Kharafi, the honorary president of the Kuwait Society of Engineers was elected as President Elect. Y.Bhg. Dato' Ir. Rosaline Ganendra, FIEM PEng from Malaysia was elected as a WFEO Council Member. The WFEO Executive Council Meeting will be held in Argentina in 2010.

#### 11.10 Commonwealth Engineers Council (CEC)

The CEC has become a virtual organisation and since then has not been very active. Issues of concern were circulated via emails and letters. CEC Secretariat is looking into the future direction of CEC itself.

#### 11.11 MOUs with Overseas Institutions

Throughout 2009, the IEM signed the following Memorandum of Understanding (MOU):

- Agreement of Co-operation and Recognition with The Institution of Engineers, Australia trading as “Engineers Australia” signed on 24 April 2009.
- Agreement of Cooperation with The Institution of Mechanical Engineers, UK signed on 6 April 2009.
- Agreement of Cooperation and Recognition with The Chinese Institute of Engineers (CIE) signed 2 October 2009.

To date, IEM has signed over 30 MOUs with various organisations and professional institutions overseas.

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

The IEM continue to be represented at the APCChE Board of Directors’ meeting and Congress by the Chairman of the Chemical Engineering Technical Division.

#### 11.13 Interview Sessions, Press Releases and Press Statements

Throughout the year under review, this Standing Committee continued to actively provide press releases and statements on various engineering issues, such as the landslide incident in Rawang; the collapse of the Jaya Supermarket, the collapse of the rooftop structure of the Sultan Mizan Stadium in Kuala Terengganu and the collapse of the Kuala Dipang Suspension Bridge in Perak. The IEM also issued Press Statements on matters of national interest such as the issue of the teaching of Mathematics and Science in English; Green Technology and other current matters.

The Sub-Committee on Public Relations also made press statements on the events and activities organised during the year of 2009.

#### 11.14 Dialogue with Governmental Agencies

##### 15 June 2009 Dialogue Meeting with the Minister of Works

A dialogue meeting was held between the Minister of Works and IEM representatives headed by the IEM President. During the dialogue, the Minister agreed to regularly hold meetings with IEM to hear IEM’s feedback on issues relating to engineering.

##### 2 July 2009 Dialogue Meeting with the Minister of Energy, Green Technology and Water.

A meeting was held between the Minister and IEM representatives headed by the IEM President.

#### 11.15 Visitors to IEM

23 January 2009 A delegation comprising of young engineers from UAE visited IEM and was met by Ir. Rocky H.T. Wong and IEM YES G&S Section.

2 March 2009 The IEM hosted a group of visitors from the Institution of Engineers, Kenya and Engineers Registration Board (ERB). IEM was represented by Ir. Tan Yean Chin and Ir. Rocky H.T. Wong and members of this Standing Committee.

6 April 2009 The President of IMechE, Mr Willian Banks paid a visit to IEM and was met by the IEM President, Excomm Members and representatives of IEM. After a brief discussion relating to issues of mutual interest, Mr Banks signed an MOU with IEM and gave an evening talk to IEM Members. Later the President hosted a dinner for Mr Banks at the Paya Serai Restaurant, PJ Hilton.

7 April 2009 The President of the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) paid a visit to IEM and was met by the IEM President, Excomm Members and representatives of IEM. After a brief discussion relating to issues of mutual interest, Mr Banks signed an MOU with IEM and gave an evening talk to IEM Members. Later the President hosted a dinner for Mr Banks at the Paya Serai Restaurant, PJ Hilton.

6 July 2009 A 28- member delegation from the Nigerian Society of Engineers (NSE) headed by the NSE President visited Wisma IEM.

21 August 2009 Dr Graham Owens, the President The Institution of Structural Engineers, UK (IStructE) and his delegation visited IEM for a dialogue. Ir. MC Hee, Ir. P.E. Chong and members of Excomm and representatives from the Civil & Structural Engineering Technical Division hosted the event.

## 12 AWARDS COMMITTEE

12.1 This session, the Awards Committee is chaired by the President, Y.Bhg Dato’ Ir. Prof Dr Chuah Hean Teik. The Committee emet during the sesison to conider nominations for the various IEM Awards namely:

- 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

12.2 As in previous years, 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 IEM maintains a close rapport with the BEM and is represented on the Board by 5 members. IEM would like to express its sincere and grateful thanks to the BEM for their financial support in our activities so that the registration fees can be kept minimal to encourage greater participation from members.

#### 13.2 Balai Ikhhtisas Malaysia (Malaysian Professional Centre)

The Institution continued to also foster close rapport with BIM and is represented in a few of its activities.

#### 13.3 Representation to Outside Organisations

The Institution continues to maintain joint meetings and activities with :

- 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 IEM continue its liaison with the following overseas associations and organizations 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 continues to maintain close relationships and liaison with professional Institution in USA, UK, Japan, Korea and China. Some of these organizations are:

- The Institution of Engineers, Singapore (IES)
- Hong Kong Institution of Engineers (HKIE)
- Engineers Australia (EA)
- Korea Professional Engineers Association (KPEA)
- Korea Engineering & Consulting Association (KENCA)
- 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)
- Japan Federation of Engineering Societies (JFES)
- Japan Accreditation Board for Engineering Education (JABEE)
- China Association for Science and Technology (CAST)

14.3 The IEM Secretariat continued to serve as the contact point for the Society of Institution of Engineers, Australia Members in Malaysia (SIEAMM) to enhance the rapport between the two institutions.

### 15 SPECIAL COMMITTEE ON AMENDMENTS TO CONSTITUTION AND BYLAWS

15.1 This Special Committee chaired by Ir. Chiam Teong Tee review proposal from Council on amendments to the IEM Constitution and Bylaws. Currently the Committee is looking into Clauses on Professional Conduct.



## 16 PRESIDENTIAL DIALOGUE WITH BRANCHES

- 16.1 The President continued to hold regular dialogue meetings with the Chairmen of IEM Branches prior to Council meetings. Fruitful discussions and exchange of information between the Head Office and the Branches took place at these meetings. The Branches took the opportunity to brief the President and the Secretariat on their planned activities for the year.

## 17 IEM EDUCATION FUND

- 17.1 The Board of Management of the IEM Education Fund chaired by the IEM President met regularly to monitor the affairs of the Fund. The Inland Revenue Department maintains its ruling on the status of the interest free study loans. With this requirement, the Board continued to vet applications from students for the interest-free scholarships.

These scholarships were provided to needy undergraduates of the various local universities and institutions of higher learning. Two applicants were selected to receive the scholarship as follows:

### ***Tan Sri Datuk Engr. Prof. Chin Fung Kee Memorial Scholarship***

The recipient for this scholarship is Mr. Tan Yong Woi from University Pertanian Malaysia who had been given scholarship from 2007 to 2009 continue to receive the amount of RM4,500 until his graduation in 2010

### ***Engr. Thean Lip Thong Memorial Scholarship***

The recipient, Mr. Tong Han Seng from University Malaya is given the scholarship from 2007 until his graduation in July 2010

### ***Tan Sri Engr. (Dr) Hj. Yusoff Ibrahim Memorial Scholarship***

For the year 2009, Cik Erni Syuhada binti Mazwil Ishan of University Technology of Malaysia was awarded the scholarship for the amount of RM4,500.00.

### ***Mr. Koon Yew Yin Scholarship***

For this scholarship two students from Universiti Teknologi Mara, Shah Alam were selected to receive the scholarship in February 2009 amounting to RM4,500.00 each. These students are:

- i) En. Mohd Khairul Anwar bin Nor Said
- ii) En. Mohd Hafizsan bin Mohd Fuzi

## 17.2 Tun Hussein Onn Memorial Scholarship

- 17.2 The support of En Herwan bin Armat with a scholarship of RM6,000 per annum under the Tun Hussein Onn Memorial Scholarship for the Blind completed last year as he received the funds until his graduation in 2008. From 2009 the Board had agreed that Ms Sek Kit Xuan be given the scholarship of RM6,000 per annum until her graduation under this Tun Hussein Onn Memorial Scholarship for the Blind. Miss Sek is doing a Biomedical Degree at INTI College.

## 17.3 IEM Student Sections

The Board is happy to note that so far 6 IEM Student Sections had been set up at various universities. The Board gave an allocation of RM500.00 each to the Student Sections for its activities.

These students sections are based at the following universities:

Universiti Multimedia-MMU (Melaka)  
 Universiti Teknologi Malaysia-UTM  
 Universiti Sains Malaysia-USM (Nibong Tebal, Pulau Pinang)  
 Universiti Teknologi MARA -UiTM ( Shah Alam)  
 Universiti Teknologi MARA -UiTM ( Pulau Pinang)

With the latest IEM-UNITEN(SIR) Student Section to join on 18 January 2010.

## 17.4 IEM Gold Medals

The IEM Gold Medals were awarded to the best final year engineering students of local institutions of higher learning. All universities with accredited engineering degree programme are eligible to submit the names of their most outstanding results for the award.

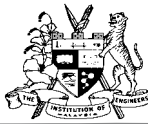
## 17.5 IEM Book Prizes.

The IEM continue to offer the IEM Book Prizes to the best engineering students of public universities.

## 17.6 Sponsorship of attendance to seminars/courses/conferences

The Board also continued its active sponsorship of seminars, courses and conferences during the session.





17.7 The Board thanked all members who have kindly donated to the IEM Education Fund.

## 18 IEM POSITION PAPERS

18.1 An IEM Position Paper is a statement and recommendations expressing the views and stand of IEM on issues related to engineering that is of importance to our country and to make specific recommendations to the government for consideration and implementation in addressing the issue.

In 2009, four Position Paper Committees were formed, namely:

- Water and Environment Paper
- Global Warming, Climate Change and Emission Mitigation
- Green Technologies
- Issues Related to the Use of Incinerator

In 2009, the position papers on Water Quality and Cleanliness of Beaches and Energy Efficiency were presented to the relevant ministries.

18.2 In July 2009, the Position Paper Committee on Water Quality and Cleanliness of Beaches made a formal presentation to the Ministry of Housing and Local Government.

The following recommendations were highlighted to the ministry for consideration:

- Better management of beaches to reduce their degradation due to pollution via stricter legislation and enforcement;
- Government to establish a centre of excellence to further research and development related to the assessment, monitoring and mitigation of coastal pollution whether it be via the current approach and facilities, or the use of new technology and methods for treating organic and inorganic waste;
- State governments to embark on "Adopt a Beach" programme;
- Government to construct more centralized sewage treatment plants in coastal areas and, in view of their potentially major positive impact on beach water quality, consider such projects worthy of being funded through Private Finance Initiatives.

18.3 In the same month, the Position Paper Committee on Energy Efficiency made a formal presentation to the Ministry of Energy, Green Technology and Water.

The following recommendations were highlighted to the ministry for consideration:

- Government to initiate "Buy Energy Efficient Products and Appliances" programme
- Government to institute energy management system in its facilities to achieve 10 percent energy savings as declared in 2005

18.4 The Position Paper Co-ordinating Committee chaired by the President, Ir. Dato' Prof. Dr. Chuah Hean Teik, FIEM, PEng was entrusted to monitor and co-ordinate the progress of the all Position Statement Committees.

## 19. ADHOC COMMITTEE ON REVIEW OF IEM ORGANISATIONAL AND ADMINISTRATIVE STRUCTURE renamed to ADHOC COMMITTEE ON IMPROVEMENT TO IEM SECRETARIAT

19.1 The Committee chaired by the Deputy President, Ir. Vincent Chen Kim Keong decided that the Committee changed its name and limit its role to looking into the improvement of the IEM Secretariat before progressing to look into issues on an entire organisation overhaul.

19.2 The Committee therefore was renamed as AdHoc Committee on Improvement to IEM Secretariat

19.3 The Committee started to look into the terms of operations and the structure of the IEM Secretariat with an aim to take stock of progress of work update on any problem or issues that staff may encounter find solution or guidelines to move forward avenue to keep the Hon Secretary Updated.

19.4 It was noted that ultimately the aim would be to have an efficient and effective secretariat for the Institution.

## 20 IEM STRATEGIC PLAN

20.1 The Strategic Plan was first implemented in 1999 and this has been an on going project.

The various Standing Committees had been appointed to monitor the progress related to their role and function.

## 21 BRANCHES AND SECTIONS

21.1 Penang Branch

21.1.1 During this very active 2008/2009 session, the Executive Committee of the IEM Penang Branch organised numerous progressive activities, including a motivational engineering seminar "Engineers Speak" under The Galaxy of Engineering Stars, whereby 8 proficient engineers in their respective fields were invited to speak on their engineering journeys for the benefit of students and fellow IEM engineers. School career talks and engineering career camp were also organized 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.



- 7.11.2008 **2008 Distinguished Engineer Legacy Lecture**  
Our fellow eminent Penang engineer, Ir. Liaw Yew Peng presented his life-long experience on “Innovations and Engineering Achievements in the Construction Industry Towards Engineering Excellence” during his Legacy Lecture held at the IEM Penang Secretariat in conjunction with the 2008 IEM Penang Branch AGM. 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.
- 7.11.2008 **41st Annual General Meeting**  
The 41st AGM of IEM-Penang Branch was held at the IEM Secretariat on 7.11.2008. It was attended by 115 members and after the AGM, the members adjourned for a buffet dinner at OFA Restaurant.
- 8.11.2008 **Seminar on “Civil Engineering Innovation with Autocard Civil 3D”**  
34 members attended the above seminar held at IEM Office from 9.00am to 1.00pm. Ir. Noor Azhar and Mr. Geoff Zeiss were the speakers.
- 27.11.2008 **IEM Joint Seminar with MFPA**  
The above joint seminar on “Design and Codes on sprinkler system and the protection practices” was held at Gurney Hotel with a good turnout of about 300 participants, mostly from Kebudayaan Bomba.
- 28.11.2008 **Career Talk**  
Be Smart Learning Centre organized the above Career Talk on various disciplines at Northam All Suite Hotel and both Ir. Lim Kok Khong and Engr. Ting Chek Choon were speakers on the subject of Engineering.
- 5.12.2008 **Seminar on “Assessment and Repair of Concrete Structures in Tropical Climate”**  
Renowned speaker Ir. Parnam Singh lent his expertise on the above subject to 69 enthusiastic engineers, not only from IEM but also from USM, MPPP, PDC and Penang Port Sdn Bhd who were all present to learn from him on this critical subject.
- 14.12.2008 **Career Fair in K.L.**  
Dato’ Professor Ir Dr. Eric Goh was the speaker to 50 participants from Universiti 2U during the Career Fair held in K.L.
- 15.12.2008 **Technical Talk on “TES – Trusted Esentry Security System”**  
A handful of 10 participants attended the evening Technical Talk on “TES – Trusted Esentry Security System” held at IEM Secretariat. The speaker was Mr. T.G. Lim from Pentamaster Information Technology Sdn Bhd.
- 16.1.2009 **Viability of Hill Land Development**  
The first session of Invest Penang’s Series on “The CEO Speaks.....”, was attended by Chairman, Ir. Lim Kok Khong who was one of the panel speakers, besides Dr. Teoh Poh Huat, Director of Henry Butcher and Mr. Toh Chin Leong, GM of IJM Properties. It was held at PSDC.
- 13.2.2009 **IEM-TNB Technical Dialogue**  
A Technical Dialogue cum Courtesy Visit was paid to TNB and was attended by 21 corporate members to discuss and update on matters related to their area.
- 21.2.2009 **Dialogue between Chairman-Members on “Viability on Hill Land Development”**  
Following the Chairman’s attendance at PSDC on the above subject, a dialogue was held at IEM Secretariat for Ir. Lim Kok Khong to brief attendees numbering 51 engineers, his expert view on hill development.
- 24.2.2009 **Seminar on “Fire Extinguishing Aerosol Systems”**  
This seminar was jointly organized with JSE Services Sdn Bhd at IEM Secretariat and attended by 27 participants. In the course of this seminar, Ir. Loo Chee Kin, from IEM HQ, carried out an internal audit.
- 3.3.2009 **Seminar “Comparing UPS Systems Design Configurations”**  
21 participants attended this seminar which was held at G Hotel. It was presented by speaker, Mr Danny Phang, the Solution Engineer at APC by Schneider Electric Malaysia.
- 10.3.2009 **IEM/PAM – BOMBA Technical Dialogue**  
IEM and PAM jointly combined to hold a Technical Dialogue with BOMBA, held at IEM Secretariat. Many IEM and PAM corporate members were present to listen to the Bomba Chief, Tuan Zaid and his team of senior officers talked about the roles & responsibilities of the fire department.
- 21.3.2009 **Future Challenge – An Engineer’s View**  
Past Chairman, Dato’ Ir. Kam U Tee, was the presenter for Future Challenge – An Engineer’s View which was attended by 41 enthusiastic members to hear him talk about his achievements from past to present



- 16.4.2009 **IEM-JPS Technical Dialogue**  
Once again, IEM Penang Branch held a Technical Dialogue with another government body, JPS, for the benefit of its members to exchange and update on matters relating to the department. A total of 30 members attended.
- 21-22.4.2009 **Seminar on "Site Investigation"**  
A 2-day seminar "Site Investigation" was undertaken by the G&S Committee of IEM Penang Branch jointly with IEM HQ Geotechnical Engineering Technical Division and it was held at PSDC. A good turnout of 56 participants was present for a better understanding of various aspects in site investigation, presented by 6 renowned speakers.
- 23.4.2009 **"Site Demonstration"**  
"Site Demonstration" is a follow-up of Seminar "Site Investigation" whereby 16 participants were at a site in Bayan Mutiara to demonstrate the Top Drive Drilling Machine.
- 22.4.2009 **Seminar on "Power Quality Solution"**  
Mr. Dusit Lertsawatwicha, currently the Sales and Marketing Manager in ABB Thailand specializing in Power Quality Products, was the speaker during the seminar held at Gurney Hotel. However, only 14 participants were at this seminar.
- 13.5.2009 **Technical Visit to TNB Regional Control Centre (NERCC) at Seberang Perai**  
9 members attended the Technical Visit to TNB Regional Control Centre (NERCC) at Seberang Perai, led by moderator Ir. Paul Phor.
- 14.5.2009 **Seminar "Electrical Protection for Human, Machine and System"**  
ABB Malaysia Sdn Bhd once again sponsored the above 1-day seminar for our members at Gurney Hotel. 27 members were present. Speaker was Mr. Sergio, an electronic engineer with ABB SACE
- 30.5.2009 **Introduction to Stormwater Management & Flood Modeling**  
30 members attended the above seminar at IEM Penang Secretariat. Speaker was Dr. Ashis Dey, currently a Principal with the Cardno Group in the XP Software business unit.
- 27.6.2009 **Technical Visit to Décor Poles Sdn Bhd, Ipoh**  
Attended by 21 members and led by moderator, Ir. Paul Phor, this visit to Décor Poles Sdn Bhd, a Pre-Stress Spun Pole Manufacturing plant in Ipoh, was the second technical visit organized by IEM Penang Branch for this year.
- 18.7.2009 **The Galaxy of Engineering Stars seminar "Engineers Speak"**  
A brainchild of the Chairman and his Executive Committee, the above motivational seminar was planned months ahead and involved gathering 8 speakers who are all engineers by profession but who have excelled into different fields, to share their experience. It was held at Equatorial Hotel and attended by 250 participants including students from various schools, colleges, sponsors, advertisers and engineers.
- 25.7.2009 **Seminar on "Plastic Piping Systems for Plumbing Applications"**  
George Fischer (M) Sdn. Bhd. conducted the above at IEM Secretariat and it was attended by 46 members. Speaker was Mr. David Herensperger.
- 14.8.2009 **Seminar on "ATS Capacitor"**  
18 members attended the seminar which was held at Northam Hotel. It was sponsored by Wise Pro whose Managing Director, Mr. Jeffrey Ng was the speaker.
- 15.8.2009 **Technical Visit to MDC Precast Industries Sdn Bhd**  
18 members, headed by Ir. Paul Phor, 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.
- 18.8.2009 **Evening Talk on "Mitigation and Rehabilitation of Slope Failures in Malaysia" and Road Show on "Consulting Engineering Practice (ECP)"**  
38 corporate and 14 graduate members attended the talk which was jointly organized with Consulting Engineering Special Interest Group, IEM HQ. Speaker was Ir. Dr. Ooi Teik Aun.
- 19.8.2009 **Seminar on "Presentation on New Cement & Concrete Standards for Quality Construction"**  
Lafarge Cement Sdn Bhd hosted the above seminar at Sunway Hotel, Seberang Jaya for JKR, JPS and IEM Penang Branch. 24 members from IEM attended the seminar at Sunway Hotel, Seberang Jaya.
- 3.10.2009 **Technical Visit to Electrified Double Track Project Site at Bukit Merah Lake**  
A total of 30 members were taken by chartered bus from IEM Pg office to Bukit Merah Lake for the technical visit to the Electrified Double Track Project at the Marine Viaduct. This rare visit was made possible through the courtesy of MMC-Gamuda JV Sdn Bhd.



- 9.10.2009 **Seminar on Welded Mesh/Cut & Bent Reinforcing Steel**  
Ir. Yap Kong Lim and Mr. Ong Kok Keong, both Technical Managers of Southern Steel Mesh Sdn Bhd, were the speakers for the seminar which was attended by 20 members at IEM Secretariat.
- 10.10.2009 **Technical Visit to “MS Elevators Sdn Bhd”**  
27 members headed by Ir. Ooi Boon Bow, made a visit to MS Elevators Sdn Bhd situated in the Prai Industrial Estate to see the innovative ideas of elevator engineering system and integration.
- 15.10.2009 **Seminar “Cooling The Future”**  
The above seminar was a joint effort by METD KL and IEM Penang Branch. Altogether there were 6 speakers, led by Ir. Lum Youk Lee, Chairman – Mechanical Engineering Technical Division of IEM KL, sharing their expertise on “Cooling the Future”. Daikin Air Conditioning (M) Sdn Bhd sponsored the seminar followed by lunch at OFA Restaurant for the 63 participants.
- 22.10.2009 **Seminar on AMP Structured Cabling for M&E Consultants**  
Originex Controls Sdn Bhd, as the distributor for AMP Netconnect products in Malaysia organized a session for M&E Consultants at IEM Secretariat. The speaker was Mr Jeffrey Chong. 13 members attended
- 26-27.10.2009 **Think Global, Act Local and Successful Service Exporting**  
SSCDF Outreach Programme on THINK GLOBAL, ACT LOCAL and SUCCESSFUL SERVICE EXPORTING were undertaken by Ir. Rocky Wong and Ir. Choo Kok Beng who were speakers for the above 2-day seminar attended by 33 members. It was held at IEM Penang Secretariat.
- 29.10.2009 **Seminar on “Adopting Eurocodes EC0, EC1 and EC2 in Malaysia”**  
The above 1-day seminar was organized by Department of Standards Malaysia, SIRIM Berhad and IEM HQ at Evergreen Laurel Hotel, Penang. It was attended by 98 participants. There were 5 speakers, namely, Ir. M.C. Hee, Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin, Ir. Prof. Dr. Mohd. Zamin Jumaat, Ir. Dr. Lim Char Ching and Ir. Lee Sing Pen.
- 31.10.2009 **Talk on “Rainwater Harvesting”**  
Ir. Ellias Saidin was the speaker for the above talk on “Rainwater Harvesting” which was held at IEM Secretariat. It was attended by 46 members.
- 5 –6.11.2009 **Seminar on “Forensic Engineering for Civil & Structural Engineers – Case Studies on Collapses”**  
The above seminar was a joint effort between the Civil & Structural Engineering Technical Division IEM, The National University of Singapore and managed by IEM Penang Branch. The seminar attracted many IRs from as far as Kedah to KL where their respective JKR departments sent many of their engineers to attend and learn about the case studies presented by the speakers namely, Er. Prof. Fred SH Ng from Hong Kong, Er. Prof. Leung Chun Fai and Er. Prof. JY Richard Liew, both from The National University of Singapore. A total of 46 engineers attended the 2-day seminar held at Cititel Hotel.

21.2.2 The membership of the Penang Branch is recorded at 1,140 as at 1.3.2010.

## 21.2 Southern Branch

21.2.1 Ir. Sim Tian Liang served as Chairman for the session 2009/2010. The membership of the Branch now stands 2,005 as at 1.3.2010. The following activities were conducted by the Branch:

- 03.1.2009 A Technical Visit to Senai-Pasir Gudang-Desaru Expressway Project Site was organized by IEM Southern Branch for members.
- 10.1.2009 A Talk on “CLIMATE.PLACE.TIME” was presented by Y. Architects at the Puteri Pacific Hotel, Johor Bahru.
- 17.1.2009 A Half-Day Talk on “Construction Management” was jointly organized with the Asian Concrete Society of Malaysia/ACCI at the Zon Regency Hotel, Johor Bahru.
- 07.2.2009 One (1) Day Seminar on “Geosynthetics for Reinforced Soil & Marine Structure Application” presented by TenCate Geosynthetics Asia Sdn Bhd at the Puteri Pacific Hotel, Johor Bahru.
- 21.2.2009 Professional Interview Workshop on “Route to be MIEM/PEng” at Universiti Teknologi Malaysia (UTM), Skudai, Johor.
- 28.2.2009 One (1) Day Seminar on “Minimising Potential Cracking in Casting of Thick Foundation Raft” by Ir. Dr. Tham Chat Tim was jointly organized with the Asian Concrete Society of Malaysia/ACCI at the Zon Regency Hotel, Johor Bahru.
- 14.3.2009 A Half-Day Talk on “Reinforced Earth Technology for Aesthetic Appearance” presented by Reinforced Earth Management Services Sdn Bhd at the Puteri Pacific Hotel, Johor Bahru.
- 11.4.2009 IEM Southern Branch organized a Technical Visit to Hume Industries Berhad factory at Pasir Gudang, Johor Bahru on precast concrete product technology for members.



- 20.4.2009 IEM (Southern Branch) was given the honour by IEM (HQ) to launch the annual nationwide event, IEM Engineering Week 2009. The Launching of IEM Engineering Week '09, was jointly organized with Universiti Teknologi Malaysia (UTM) at UTM, Skudai, Johor. The Guest-of-Honour was Deputy Minister of Higher Education, Y.B. Dato' Saifuddin Abdullah. The launching was also attended by the Vice Chancellor of UTM, Y.Bhg. Dato' Ir. Prof. Dr. Zaini bin Ujang, Immediate Past President of IEM, Y.Bhg Dato' Paduka Ir. Hj. Keizrul Abdullah, Chairman of IEM (Southern Branch), Ir. Sim Tian Liang and other members and guest of IEM and UTM including academic staff of UTM.
- 25.4.2009 A One-Day Seminar on "Contract Administration" by Assoc. Prof. Dr. Philip Chan Cheun Fye of National University of Singapore was jointly organized with the Asian Concrete Construction Institute (ACCI) at the Hotel Selesa, Johor Bahru, Johor.
- 12.5.2009 A One-Day Seminar on "Electrical Protection for Human, Machine and System" was presented by ABB Malaysia Sdn Bhd at the Mutiara Hotel, Johor Bahru, Johor.
- 16.5.2009 A Half-Day Talk on "Fan & System" was presented Kruvent Industries (M) Sdn Bhd at the Puteri Pacific Hotel, Johor Bahru, Johor.
- 23.5.2009 A One-Day Conference on "Sustainable Construction & Best Use of Waterways" was jointly organized with the Asian Concrete Construction Institute (ACCI) at the Zon Regency Hotel, Johor Bahru, Johor. Four speakers from Hong Kong, Singapore and Malaysia presented papers related to waterways project works in their respective countries. Y.A.B. Chief Minister of Johor (represented by State Secretary of Johor) officiated the opening of the conference.
- 30.5.2009 A Technical visit to "Bandar Nusajaya" was organised by IEM (Southern Branch) for the members.
- 07.6.2009 A Half-Day Health Awareness Seminar On "Early Detection – The Path to Cure" was jointly organized by IEM (Southern Branch) and Royal Johor Country Club with support from ParkwayHealth at Royal Johor Country Club, Johor Bahru, Johor.
- 13.6.2009 Half-Day Talk on "Statnamic Load Test" presented by Geolab (M) Sdn Bhd at the Zon Regency Hotel, Johor Bahru, Johor.
- 20.6.2009 A Career Talk on "Engineering Profession" was organized with Maktab Rendah Sains Mara (MRSM), Mersing in conjunction with MRSM Career Carnival 2009.
- 27.6.2009 The 36th Annual General Meeting (AGM) of the Southern Branch was successfully conducted at the Persada International Convention Centre, Johor Bahru with a total of 117 members attended the meeting.
- 27.6.2009 Talk on "Cost Effective Steelwork Design for Fabrication" by BlueScope Steel (M) Sdn Bhd in conjunction with the 36th Annual General Meeting (AGM) of IEM (Southern Branch) at the Persada International Convention Centre, Johor Bahru, Johor.
- 27.6.2009 The 36th Annual Dinner was held at the Persada Johor International Convention Centre, Johor Bahru, Johor. The dinner was graced by the presence of Immediate Past President, Dato' Paduka Ir. Hj. Keizrul Abdullah. Also present was the Hon. Secretary of the Institution of Engineers, Singapore (IES) Er. Chong Kee Sen. Members and guests were entertained throughout the evening with live band performances. The Branch also presented the Academic Awards to the children of IEM (Southern Branch) members. The aim of this Academic Award is to promote academic excellence through the recognition of outstanding achievements in UPSR, PMR, SPM & STPM examinations.
- 18 - 23.7.2009 Six (6) Days Technical Visit to "Yangtze Three Gorges and Gezhou Dams at Hubei, China" was organized by IEM Southern Branch for members.
- 5.9.2009 A Half-Day Talk on 'Solar Cooling System' was presented by Solar District Cooling Sdn Bhd at the Zon Regency Hotel, Johor Bahru.
- 6.10.2009 Professional Interview Workshop on "Route to be MIEM/PEng" was conducted at JKR Office, Nusajaya, Johor.
- 10.10.2009 A Half-Day Talk on "Nano-Silver Technology" was presented by Transgenesis Marketing Sdn Bhd at The Mutiara Hotel, Johor Bahru.
- 24.10.2009 A Half-Day Talk on "Jack-In" Piling System in Malaysia, presented by Jack-in Pile (M) Sdn Bhd at the Zon Regency Hotel, Johor Bahru.
- 31.10.2009 A Technical Visit to Marina Barrage, Singapore was organized by IEM Southern Branch for members.
- 12.11.2009 Professional Interview Workshop on "Route to be MIEM/PEng" was conducted at Wisma TNB, Johor Bahru.



- 14.11.2009 A Half-Day Talk on "Application of Geosynthetics for Construction on Soft Ground", presented by Emas Kiara Marketing Sdn Bhd at the Zon Regency Hotel, Johor Bahru.
- 21.11.2009 A Seminar on "Automatic Transfer Switch & PF Capacitors" presented by Wise Pro Sdn Bhd at the Puteri Pacific Hotel, Johor Bahru.
- 7-8.12.2009 2-Day Seminar on "Think Global, Act Local & Successful Service Exporting" was jointly organized with IEM (SB) and IEM Training Centre (HQ) at The Grand Paragon Hotel.
- 19.12.2009 Roadshow on Consulting Engineering Practice (ECP) & Repeat of 19th Professor Chin Lecture on "Geotechnical Failures/Issues, Dispute Resolution and Mitigation" by Ir. Dr. Ooi Teik Aun at UTM, Skudai, Johor.

### 21.3 Sabah Branch

- 21.3.1 A total of 10 executive committee meetings were held during the session. During the same session the Branch had also elected liaison officers for areas in the East and North of Sabah i.e., Sandakan, Tawau, Lahad Datu and Kudat.
- 21.3.2 Dato' Ir. John Chee Shi Tong FIEM, PEng continued as Chairman for the 2008/2009 session until 7 November 2009 when the branch had its 35th Annual General Meeting at the IEM(S) Training Centre and elected Ir. Teo Chee Kong, MIEM, P.Eng. as the new Branch Chairman for the 2009/2010 session. A total of 115 members attended the AGM. The quorum was sufficient and the office bearers were elected. The total membership of the branch is now at 981.
- 21.3.3 The 33rd IEM Sabah Branch Annual Dinner was held on 28 November 2009 at the Grand Ballroom Magellan Sutera Resort & Spa, Sutera Harbour Resort Kota Kinabalu. The Guest of Honour for the event was the Minister of Tourism, Culture and Environment, YB Datuk Masidi Manjun. Other guests included IEM President, Dato' Ir. Prof. Dr Chuah Hean Teik and other representatives from various government agencies, non-government organizations and IEM members. The highlight of the dinner was the handover of the Chain of Office to the newly elected Sabah Branch Chairman who will be spearheading the coming 2009/2010 session.
- 21.3.4 During this session, several courtesy calls were made to government agencies and Ministries such as the courtesy calls to the Mayor, Datuk Iliyas Ibrahim, and Director-General of DBKK, Mr. Yeo Boon Hai on 26 March 2009 and 15 July 2009 respectively. There were also courtesy calls on the Minister of Tourism, Culture and Environment on 7 May 2009, as well as on the Minister and Permanent Secretary of the Ministry of Local Government and Housing on 18 May 2009.
- 21.3.5 The branch had also been actively organizing 21 joint courses, talks, seminars and technical site visits with other professional and government bodies such as ACEM(S), JKR, DBKK and others. Ir. Teo Chee Kong MIEM, P.Eng., being appointed the Technical Tour Chairman had successfully organized a few technical site visits locally and internationally. The sub-committee had successfully arranged a Technical tour to Hong Kong by IEM(S) on 19 – 24 May 2009 to visit the Geotechnical Engineering Government Office and Hong Kong Institute of Engineers. Besides organizing seminars and courses for the engineers, the branch also organized gatherings and games amongst members.
- 21.3.6 The Sabah Housing Conference was held on 18 and 19 August 2009 in co-operation with DBKK, ACEM, Ministry of Local Government and Housing, as well as PAM. Over 400 participants took part in the talks, seminars and exhibitions held during the Conference. There was also a Pre-Conference Presentation held on 17 August 2009.
- 21.3.7 IEM Sabah Training Centre Groundbreaking Ceremony was held on 10 October 2009 at the Kota Kinabalu Industrial Park (KKIP), which was officiated by Datuk Raymond Tan Shu Kiah, the Minister of Industrial Development, in place of the Chief Minister of Sabah, Datuk Seri Panglima Musa Haji Aman. The event was also attended by the IEM President, Dato' Ir. Prof. Dr. Chuah Hean Teik and other representatives from government agencies, non-government organizations and IEM members.
- 21.3.8 Ir. Dr. Jacob Yan was elected as the new IEM(S) Toastmasters Club President. Due to the low number of members, the club had once again embarked on a membership drive to improve its membership. Members who join the club and participate in their activities will be awarded the respective CPD hours. The monthly meeting is now held on every third Thursday of the month at 7.30pm at the IEM Sabah Secretariat office, Damai Point.
- 21.3.9 The Young Engineers Section (YES) had been organizing a few activities for this session. Among the activities being organized are Bowling as well as Pool & Darts Competitions, Blood Donation Campaign, a visit to Taman Didikan Kanak-Kanak Kurang Upaya at Sembulan, and a 3-Day Course on Earthquake Design. They also participated in the YES Summit 2009 held in Miri, Sarawak in October 2009.
- 21.3.10 There were several candidates who applied for the Professional Interview during the session. Ir. Lo Chong Chiun MIEM, P.Eng. being the Professional Interview Sub-committee Chairman had successfully processed a total of 25 Professional Interviews. The findings of a study on why some engineers are failing the Professional Interviews and suggestions to improve their performance were published in the quarterly newsletter.
- 21.3.11 A total of 4 quarterly newsletters were issued during the session and were distributed amongst members.

### 21.4 Sarawak Branch

- 21.3.1 A total of 3 Branch Committee Meetings were held during the session.



- 21.3.2 The Branch had its 41st Annual General Meeting on the 27 June 2009 at Auditorium, Ultimate Professional Centre. Engr. Dr. John Panil, MIEM, P.Eng. was elected as the new Branch Chairman for 2009/2010 session. A total of 105 members attended the meeting. The total membership of the branch is now at 1,513.
- 21.3.3 The Branch reported that during the Session, it had actively organized the following activities:
- 3-4.3.2009 The IEM Training Centre organized a Seminar on: "Understanding Construction Contracts" at the Branch's auditorium. Conducted by Ir. Oon Chee Kheng, approximately 57 registrations were received from the members. This course is structured and designed to allow the various professionals to appreciate one particular aspect of these commercial enterprises: the construction contract which regulates the rights and liabilities of the parties inter-se.
- 5-6.3.2009 BEM Mandatory Course on "Code of Ethics/Regulations" was delivered by Cdr (Rtd) Raymond Swa at the Branch's auditorium. The mandatory Course is to ensure that the Engineering Professionalism in our country is enhanced and as competent as that of their counterpart globally. This programme also critically explained the role of engineers in facing crucial situation at their workplace. A total of 48 engineers attended the Course.
- 22.3.2009 A Pre-Conference golf was arranged at Sarawak Club Resort Course, Unimas and 8 members registered for the game.
- 23-25.3.2009 An International Conference on: "Engineering and Education in the 21st Century (ICEE 2009) is organized in collaboration with IEM National at Riverside Majestic Hotel, Kuching. The Conference is supported by Asean Academy of Engineering and Technology (AAET), Akademi Sains Malaysia (ASM) and International Centre for South- South Cooperation in Science Technology and Innovation (ISTIC).
- A jointly organized Technical Site Visits with the IEM National to the Bengoh Dam followed by Annah Rais Longhouse were organized with 41 participants. The Technical Visits were headed by Ir. Dr. John Panil, Chairman (Session 2009/2010).
- The objective of this conference, exhibition and site visits are to create an awareness and understanding of the importance of engineering and engineering education worldwide and its latest trends.
- 26.3.2009 Er Dr. Foo Say Wei presented a Half-Day Seminar on: "Creativity and the Business of Product Development" at the Branch's auditorium. This Seminar discusses the various techniques used to generate new ideas into the process of new product development from concept to market.
- 26-29.3.2009 The Sarawak Branch supported the Building Trade Show 2009 organized by Pertubuhan Aktikek Malaysia (Sarawak Chapter). The Show provides the crucial platform for manufacturers and suppliers from neighbouring regions such as Sabah, West Malaysia and even Bali to showcase their latest products and services and for building industry professionals as well as the general public to learn, be informed and up-dated on what are available in the market. The Show was held at Taman Kereta, Kuching and had attracted some 30 engineers.
- 6.5.2009 ABB Malaysia Sdn Bhd sponsored a One-Day Seminar on: "Electrical Protection for Human, Machine and System" held at the Branch's auditorium. The invited speaker was Mr Sergio Giacomo Carrar. The Seminar highlighted issues on over-currents, earth fault and indirect contacts.
- 21-22.5.2009 A Conference titled Steel Lecture Series: "Effective Design and Construction of Cold-formed Steel Structures" was held at Unimas, Kota Samarahan, Sarawak. The Conference was supported by Unimas Sarawak, EcoSteel, Bluescope Steel and IEM (Sarawak Branch). Ir. Professor KF Chung and Associate Professor Dr. Ben Young were the invited Speakers. The Conference was successfully held with 62 registrations. This two-day practical course was designed to gain a good understanding of technical backgrounds of cold-formed steel structures and the design rules. It is also relevant for those who wish to keep abreast with the developments in various parts of the prevailing design codes for structural steel, and other technical advances that are made in this increasingly important area of building construction.
- 17.6.2009 One-Day Seminar on: "Integrated Security Management" by Mr Jason Koh Kim Seng, Mr Tai Keang Seng and Mr Jeff Lim Chun Gee. In this section, the participants are introduced to the concept and the migration from traditional standalone systems to the contemporary Integrated Security Management System. This section also addressed the needs of a standard and integrated control room display/design. A proper control design provides optimal performance between security operators and the facility operation.
- 18-19.6.2009 Workshop on: "Energy Plus – Building Simulation" were presented by Assoc. Prof. Ir. Dr. Andrew Ragai Henry Rigit, Dr. Azhaili Baharun, Dr. Siti Halipah Ibrahim and Mr Ooi Koon Beng. The workshop was organized in collaboration with the Sarawak Branch. This workshop introduced the EnergyPlus® Building simulation software to engineers who are keen to know the effect of various energy saving measures for buildings before the buildings are built.
- 22.6.2009 Another jointly organized course with IEM Training Centre Sdn Bhd, the Course: "Plumbing Engineering Services" was held at the Branch's auditorium, conducted by Ir. Gary Lim Eng Hwa. The response was 21 registrations. With the introduction of more plastic pipe materials and the usage of these pipes are inevitable due to its ease of installation, light weight and probably cost factor, this programme highlighted an understanding the various types and what would be beneficial especially during project management discussion.



- 25-26.6.2009 Cdr. (Rtd) Ir. Raymond Swa presented the BEM Mandatory Course on: "Safety & Health at Work" to some 35 engineers held at the Branch's auditorium. This programme examined the latest statutory obligations of both the engineers and environment. It also exposed the engineers on the Occupational Safety and Health Management issues and related elements of safe systems at work.
- 27.6.2009 The 41st Annual General Meeting was held at the Auditorium. The meeting was attended by 131 members followed by a short Talk on: "Development and Implementation of SCORE as the Engine of Growth of Sarawak". The invited Speaker was Mr Julin Alen, the Principal Assistant Director of State Planning Unit.
- 22.7.2009 A fully sponsored seminar by Scott & English, this Seminar titled: "Total Solutions for Power Generation" by David KP Lim, Weng Pew Chan and Mr. Jeffrey Koh. Held at Hilton Hotel, Kuching, the Seminar received some 76 registrations from invitees and members. This seminar provided insights into latest development in diesel generator set technology and applications. The participants also acquired knowledge in 'state-of-art' control technology and understand the key considerations when evaluating and designing power systems.
- 28-29.7.2009 Ir. Harbans KS Singh presented a Course on: "Implementing PAM 2006 & JKR 2007 Forms of Conditions of Contract" to some 52 engineers at the Branch's auditorium. This 2 day course had been formulated with the following objectives.
- To introduce the participants to the various Forms that have been revised;
  - To acquaint the participants with the various changes/revisions undertaken;
  - To expose the participants to the advantages and pitfalls of the new Forms especially as to risks, obligations, duties and liabilities;
  - To familiarize the participants with pointers to ensure proper implementation of the said Forms; and
  - To acquaint the participants with the relevant legal principles/case law relevant to these Forms.
- 30-31.7.2009 The BEM Mandatory Course on: "Engineering Management Practice" was presented to some 34 engineers. This programme was specially designed to expose engineers on the art of managing Engineering Companies. Financial knowledge for engineers, project management, the needs of information technology in preparation for the challenges into the next millennium and so forth. This programme exposed the engineers with the contemporary management and functional skills to enable them to manage their work more effectively. The Course Lecturer was Cdr (Rtd) Ir. Raymond Swa.
- 5.8.2009 The Branch cordially invited Prof. Roger Frank to present a Workshop on: "Eurocode 7 – Geotechnical Design". The aim of the workshop was to detail and explain the design requirements for spread foundations, for pile foundations and for retaining structures. The Workshop received a good response from the members with some 48 registrations.
- 12-14.8.2009 The Faculty of Engineering, Unimas Sarawak organized a Workshop on: "Traffic Operation and Pavement Technology 2009" with the IEM (Sarawak Branch) as the co-organizer. This short-course provides participants with a working knowledge of highway and pavement engineering. The Speakers were Prof. Dr. Wan Hashim Wan Ibrahim, Prof. Dr. Meor Othman Hamzah, Assoc. Prof. Dr. Mohd. Rosli Hainin, Ron Aldrino Chan @ Ron Bukiing and Larry Silas Tirau.
- 8-9.10.2009 Another repeat session mainly catered for JKR's staff, the BEM Mandatory Course, "Safety & Health at Work" was presented to 33 engineers. The Lecturer was Ahmad Nazri Bin Haji Abdul Aziz .
- 12-13.10.2009 The Branch conducted the last session of the BEM Mandatory Course on: "Engineering Management Practice". The invited Speaker was Cdr (Rtd) Ir. Raymond Swa and some 40 engineers attended the Course.
- 14-15.10.2009 Cdr (Rtd) Ir. Raymond Swa presented a course to some 36 engineers. The BEM Mandatory Course: "Code of Ethics/Regulations" was held at the Branch's auditorium.
- 14-16.10.2009 Workshop on: "Design of Foundations Suitable for SARAWAK Ground Conditions" was jointly organized with Unimas Sarawak. The Workshop was presented by Prof. Nimal Seneviratne, Assoc. Prof. Mohd. Ibrahim Safawi b. Mohd Zain, Dr. Siti Noor Linda bt. Taib, En. Ahmad Kamal b. Abdul Aziz, Cik Dygku Salma bt. Awg. Ismail and Engr. Junaidi bin Sahadan.
- The aim of the short course is to expose participants to the intermediate and advanced knowledge of design principles, site investigation and material testing techniques pertaining to Shallow and Deep Foundation Design and Construction, particularly suitable to Sarawak's condition.
- 21-23.10.2009 The UNIMAS Sarawak organized a free Training on: "Finite Element Analysis (FEA) with the aim to expose the participants with basic theory of FEA. The Short course also allowed users to employ the software to solve basic and common engineering problems and is supported by IEM (Sarawak Branch). The Speakers were Ir. Dr. Mohammad Shahril Osman, Prof. Dr. Kohilawatte Gamage Harry Chandra Nimal Seneviratne, Shafrida Sahrani, Dr. Mohd. Saufee Muhammad and Sharifah Masniah Wan Masra.





- 18.11.2009 Seminar on: "Benefits of Standardized Project Management Methodologies & Tools" by Phil Palmer and Andy Tiong Meng Jun. This one-day seminar provides participants with a greater understanding of standardized project management methodologies that are being practiced by international companies and fast becoming a requirement of contractors within Malaysia.

The seminar also focused on industry standard 'tools' that allowed projects to be managed and controlled in a more structured manner through stakeholder collaboration.

## 21.5 Eastern Branch

- 21.5.1 Ir. Tuan Haji Roslan bin Abd Azis took over the Chairmanship of the Branch at the Annual General Meeting held on 6 March 2010.
- 21.5.2 With the election of the new Chairman, the Branch office in Kota Bahru, Kelantan, was moved to Kuantan, Pahang. The IEM Eastern Branch would therefore be located at this State for the next two years.
- 21.5.3 The Branch has a total of 1,494 members.
- 21.5.4 The Eastern Branch is now located at the A39, Jalan Indera Mahkota 3/11, Bandar Indera Mahkota, 25200 Kuantan, Pahang.

## 21.6 Perak Branch

- 21.6.1 The Chariman of the Branch for the 2008/2009 session is Ir. Angus Ang Mei Yu and for the 2009/2010 session, Ir. Dr. Ganeindran a/l Sinnathamby took over the Chairmanship. The membership of the Branch as at 1.3.2010 stands at 1,411. The break down were recorded as follows:

<b>Grade</b>	<b>2010</b>
Honorary Fellow	1
Fellow	20
Member	317
Incorporated Member	1
Graduate	399
Affiliate	4
Associate Member	2
Student	667
<b>Total</b>	<b>1,411</b>
	=====

- 21.6.2 Eleven meetings were held during the session to look into the management and activities of the Branch.
- 21.6.3 A total of 29 candidates had been assigned to the Branch to conduct their Professional Interviews.
- 21.6.4 The Branch set up a library and is temporarily sited at Kok Perunding's premises at No 13, Jalan Labrooy, Ipoh, Perak.
- 21.6.5 Announcements on the up-coming activities were circulated to members from time to time during the year.
- 21.6.6 A Branch's library had been temporary sited at Koh Perunding's premise at No. 13, Jalan Labrooy, Ipoh.
- 21.6.7 For this session, the activities organised by the Committee were as follows :-

- 21.2.2009 **One Day Technical Visit To Supply & Lay Submarine 600mm from Teluk Batik to Pangkor Island**  
The technical visit was at Teluk Batik, Lumut with about 39 participants.
- 04.4.2009 **One Day Seminar on Geosynthetics For Reinforced Soil & Marine Structure Application**  
The seminar was held at Tower Regency Hotel, Ipoh with about 39 participants. The speaker was Ir. Dr. Loke Kean Hooi, General Manager of TenCate Geosynthetics Asia Sdn Bhd.
- 30.4.2009 **IEM Perak Golf Outing**  
The golf outing was held at Clearwater Golf Sanctuary Resort with 24 participants.
- 23.5.2009 **Half Day Seminar on Systemic Asset Management**  
The seminar was held at Tower Regency Hotel, Ipoh with about 34 participants. The speaker was Ir. Hj. Abu Bakar bin Hj. Azit, Pengarah Cawangan Perkhidmatan Kejuruteraan Senggara of JKR Malaysia.
- 18.7.2009 **IEM Perak Branch Annual Dinner 2009**  
The Annual Dinner was held at Tower Regency Hotel, Ipoh. The Guest of Honour was IEM President, Dato' Ir. Prof. Dr. Chuah Hean Teik. There were 380 members and guests attended the dinner.
- 15.8.2009 **Half Day Seminar by Ar. Kun Lim "From Concept to Realisation"**  
The seminar was held at Tower Regency Hotel, Ipoh with about 27 participants. The speaker was Ar. Kun Lim, Design Principal of Kun Lim Architect.



29.8.2009 **Half Day Seminar on Absorption Chiller, Application with Solar Energy, Solar Air Conditioning and Application with Evacuated Tube Collector**  
The seminar was held at Tower Regency Hotel, Ipoh with about 44 participants. The speakers were Ir. Chan Jian Wen, Managing Director of Solar District Cooling Sdn. Bhd. Together with Mr Nicholas Loew Teng Jun, Mr Adrian Koh and Mr Chong Chee Kit.

05 9.2009 **Half Day Technical Visit to SSG Safety Glass Sdn Bhd**  
There were 44 participants attended the technical visit.

#### 21.6.8 Graduate and Student (G&S) Section

The G&S Section of the IEM Perak had been organizing meetings in order to facilitate the operation of the G&S Section. This included, visit to charity homes and friendly games among its members. The G&S Section was also actively involved in organizing the 2009 IEM Annual Dinner 2009.

#### 21.7 Malacca Branch

21.7.1 It was to be noted that the Committee members for 2007/2008 were maintained to continue their term for 2008/2009 since there was no election for the year 2009. The membership of the Branch is now at 498. Ir. Mohd Khalid Bin Nasir then took over the Chairmanship of the Branch on 16 January 2010 for the 2009/2010 session.

21.7.2 The membership of the Branch is recorded as follows

Fellow Member	-	11
Corporate Member-		101
Graduate	-	153
Student	-	231
Associates Member	-	2
<b>Total</b>		<b>498</b>
		=====

21.7.3 The Branch Committee conducted a total of 7 committee meetings for the year under review. The meetings were conducted in the evening For the 2008/2009 session, the branch conducted the following activities:-

21.4.2009 A Half Day Technical Visit to Roxul Asia Melaka with 18 members participated.

20.5.2009 Another Half Day Intensive Seminar on New Cement & Concrete Standards For Quality Construction was organised and participated by 36 members .

14.6.2009 Approximately 26 participants attended a Half Day Intensive Seminar on Statnamic Load Test In Accordance to ASTM D7383-08.

28.6.2009 A Half Day Intensive Seminar on Electric Power Quality – An Overview was attended by 18 members.

12.7.2009 The Half Day Intensive Seminar on Waterfront Development in The Region and participated by 24 members was also arranged during the year.

16 January 2010 IEM Melaka Branch held its 23rd AGM at 2:30pm at Avillion Legacy Melaka.

21.7.4 The IEM Melaka Branch was invited to present its proposal paper at the `Mesyuarat Jawatankuasa Lalulintas & Pengangkutan with Majlis Bandaraya Melaka Bersejarah (MBMB).

21.7.5 The Branch was also invited to attend the `Mesyuarat Jawatankuasa Pengindahan Bandar & Pembangunan Komuniti` Majlis Bandaraya Melaka Bersejarah (MBMB).

#### 21.8 Negeri Sembilan Branch

21.8.1 The Chairman of the Branch is Tuan Ir. Hj.Baharuddin bin Ahmad Nasir.

21.8.2 The Branch Annual General Meeting was held on 13 June, 2009 at The Royale Bintang Resort & Spa, Seremban, Negeri Sembilan Darul Khusus.

21.8.3 The total membership of all grades of the Branch are as follows :-

Fellow	-	8
Corporate Member	-	144
Graduate Member	-	203
Student Member	-	301
<b>Total</b>		<b>656 Members</b>
		=====



- 13.2.2009 Technical Visit To 'Projek Naiktaraf Jalan Seremban Ke Senawang (Laluan 1 Ft 001), Fasa 11 Seremban was attended by 17 members. They were briefed by the Resident Engineer and Jabatan Kerja Raya before visiting the site.
- 13.6.2009 The 16th Annual General Meeting (AGM) of Institution of Engineers Malaysia, Negeri Sembilan Branch was held at The Royale Bintang Resort & Spa, Seremban. It was officiated by Yg. Bhg. Eng. Vincent Chen Kim Kieong, Deputy President The Institution of Engineers, Malaysia. In conjunction with the AGM, a very interesting talk on 'Solar Energy' was delivered by Mr Lionel Yap from Solamas Sdn Bhd before the meeting.
- 5.8.2009 8 members participated in the technical visit to Jimah Power Plant, Port Dickson They were given a very detail explanation of the operation of the plant, technical aspects and problems faced during construction.
- 20.8.2009 28 members attended this technical visit to Seremban Centre Sewerage System, Kuala Sawah, Seremban and Indah Water Konsortium (IWK) technical personnel on the operation of the system briefed them before they visited the plant.
- 16-10.2009 The jamuan Hari Raya celebration was held at The Royale Bintang Resort and Spa, Seremban and it was attended by more than 50 members and families.
- 25.11.2009 The Half Day Seminar on Water Industrial Product In Malaysia – Future Need Demand was held at Nilai Springs Resort Hotel, Nilai and was jointly organized by IEM N. Sembilan with JPS, N Sembilan, Selangor and Wilayah Persekutuan. It was well attended by IEM members and technical personnel from the government (75 participants). The speakers were from Euratech Sdn Bhd. Factory visit was held in the afternoon.
- 21.8.4 The Branch had purchased a new building. Renovation works has started on the NS Branch Office at the first floor of the building and the office will be operational in December 2010. However it still lack of furnitures and office equipment. The ground floor is up for rental.
- 21.9 Miri Branch**
- 21.9.1 Ir. Peter Ting Kang Ngii, MIEM, P.Eng took over the Chairmanship from Ir. Richard Teo Chok Teck, MIEM, PEng. on 7 November 2009. The Branch membership is at 220.
- 21.9.2 **Executive Committee (EXCOMM) Meeting**  
A total of eleven (12) Executive Committee (EXCOMM) meetings had been conducted for this session to manage the affairs of the Branch in accordance with our Constitution and Bylaws.
- 21.9.3 **Professional Interviews (PI)**  
The Branch had conducted six (6) Professional Interviews for six (6) candidates (1 civil, 1 chemical, 1 electrical and 3 mechanical) for admission as Corporate Member of the Institution in 2009.
- 21.9.4 **Engineers' Newsletter**  
Two biannual newsletters were issued on 1 June 2009 and 1 November 2009.
- 21.9.5 **Activities and Projects**  
The following activities and project were organized from November 2008 until November 2009.
- 6.12.2008 IEM YES Miri Branch organized a charity event to paint the walls of the mother & child clinic of Tudan & 13.12.2008 Polyclinic as a New year's gift to the child patients. A total of 15 YES members participated
- 3.1.2009 IEM YES Miri Branch handed the donation to the medical officer of the Tudan Polyclinic.
- 10.1.2009 IEM Miri Branch donated curtains and a fridge to the Miri Mental Health Association.
- 14.2.2009 A talk on professional interview (PI) was held in the IEM Miri Branch office by Ir. Richard Teo. The participants were majority fresh engineering graduates who are interested to know the route to becoming professional engineer (PE). This was held in conjunction with the IEM Miri Branch's Engineers Week.
- 16-17.2.2009 The Branch Committee conducted a two-day mandatory course, "Safety & Health at Work" at Pustaka Miri. The speaker was Ir. Raymond Swa. A total of 39 engineers participated
- 21-22.2.2009 IEM YES Miri Branch organized the badminton tournament in which 32 teams across Miri City participated. Prizes were given out by IEM President, Y.Bhg. Dato' Ir. Prof. Dr. Chuah Hean Teik.
- 26.2.2009 A talk on "Clean Fuel Technology" was held at the IEM Miri Branch office and was presented by Ir. Chok Vui Soon and Ir. Wee Siaw Khur. The talk focused on how a new gasification technology is used to produce syngas and to generate power using palm waste.
- 28.2.2009 A MoU was signed between IEM Miri Branch and Miri Housing Development Realty S/B. Miri Housing will be contributing RM5000 to IEM Miri Branch for 5 consecutive years for the purpose of buying reference books for IEM Miri Branch's library.



- 14.3.2009 IEM YES Miri Branch was invited to give an introduction to IEM YES by students of Curtin University of Technology Engineering Club (CUTEC). A total of 25 students participated in this talk
- 18.4.2009 IEM YES Miri Branch organized the Build & Break Competition in conjunction with IEM's Engineers Week. A total of 80 students from 16 schools participated in this event. Students were asked to form groups and build a tower from newspaper and toothpicks. The tower that withstands the highest load wins
- 2.5.2009 IEM YES Miri Branch organized the Engineer Your Career talk and was participated by 50 students. The speakers consists of Civil, Electrical, Chemical, Mechanical and Electronics background and aimed at promoting engineering as a career to the public
- 15.5.2009 IEM YES Miri Branch organized a technical visit to Real Time Operation Centre (RTOC) in Sarawak Shell Berhad at the Lutong office, Miri. All 15 participants consisting of young engineers (for both undergraduates and graduates) gained hand-on experiences pertaining to Shell's Real Time Operation Centre (RTOC). The visit aimed to expose members to the real time operation in Shell.
- 25.5.2009 IEM Miri Branch organized a course on Boiler Design, Operation and Maintenance course and was participated by 13 engineers. The speakers were Ir. Luk Chau Beng and Mr. Shigehiro Miyamae.
- 23.7.2009 A fire safety awareness talk was conducted in IEM Miri office and was jointly organized by Public Fire Safety Presentation Education Centre. A total of 10 engineers participated in this talk given by Ms. Loh.
- 29.7.2009 Together with Petronas Carigali S/B, IEM Miri Branch conducted a Membership Drive Programme – Road show on Route to PI/PE. The main speakers were Ir. Richard Teo and Engr. June Roy. There were a total of 30 PCSB engineers from various engineering disciplines participated
- 13.7.2009 A talk on Waterfront Projects was conducted at IEM Miri office by Ir. SK Pui. The talk included waterfront development projects in the region, sea level changes and Southward migration of cyclone zone in South China Sea. A total of 10 engineers participated in this talk
- 2.10.2009 Together with Dayang Enterprise S/B, IEM Miri Branch conducted a Membership Drive Programme – Road show on Route to PI/PE. The main speakers were Ir. Richard Teo and Engr. June Roy. There were a total of 20 DESB engineers from various engineering disciplines participated
- 16-18.10.2009 IEM YES Miri Branch hosted to the YES National Summit 2009. a total of 40 delegates from YES branches across Malaysia participated in this summit. The summit included interbranch meeting, visit to the Borneo Safety Training Centre as well as a courtesy visit to the Mayor of Miri City
- 4.11.2009 IEM Miri Branch EXCOMM Members made a courtesy call to the office of Mr Anuar Taib, President of Shell International Upstream Asia/MD of Sarawak Shell Berhad in discussing on the possibility to promote engineering profession within the Shell working community.
- 7.11.2009 IEM Miri Branch and YES Miri Branch jointly organized the IEM Dinner at Eastwood Valley Golf & Country Club. The theme was Green the World and a total of 350 participants were at the dinner.

### 21.10 Kedah/Perlis Branch

- 21.10.1 Ir. Hj Abdullah bin Othman continued as the Chairman for the session. The membership of the Branch is recorded at 927. The Branch conducted the following activities for the year 2009:
- 15.1.2009 Half Day Seminar on Permastore Product Presentation was held at Hotel Star City, Alor Setar in conjunction with the 7th AGM of the Branch.
- 19.3.2009 A Half day Technical Visit to Project Trans Eastern Kedah Interland Highway (TEKIH) was organised .
- 26.3.2009 A Half Day Seminar on Geosynthetics for Reinforced Soil and marine Structures Application was held at Hotel Star City, Alor Star.
- 26.5.2009 A 1 Day Seminar on “Perlaksanaan Sistem Binaan Berindustri (IBS) CIDB, Negeri Kedah” was held at Hotel Holiday Villa, Alor Setar for the members
- 25.6.2009 Technical Reinforced Earth technology for Aesthetic Appearance was organised at the Dewan Seminar at the Branch office.
- 30.7.2009 A Half Day Seminar on Pre-Engineered Portal Frame & Cold From truss System Design was organised for the branch members. The event was held at the Branch Secretariat office
- 28.10.2009 A One Day Seminar on Computer Aided Structural Earthquake Analysis IBC 2000 & EC8 was organised at the Star City Hotel, Alor Star.
- 17.12.2009 A One Day Seminar on Concrete Specification and Concrete Constituent Materials was also organised a the Star City Hotel for members of the Branch.



### 21.11 Trengganu Branch

- 21.11.1 Ir. Hj Rusli bin Embok continued as the Chairman of the Branch for a second session. The membership of the Branch is now at 745. The Branch Secretariat is still based at Syarikat Air Terengganu Sdn Bhd (SATU), Jalan Sultan Ismail, Kuala Terengganu.
- 21.11.2 The Branch had successfully organized CPD-approved technical talks, seminars and short courses for members and engineers throughout had the session 2008/2009 to assist members in achieving the required CPD. The Branch had also arranged activities to allow members to socialize and interact with each other as well as to increase the awareness of healthy living among them. A summary report of the activities is as follows:
- 18.1.2009 2-day Mandatory Course on Safety & Health was organised.
  - 15-29.3.2009 Appreciation Dinner for "Usung Heroes" (School Donation 2008) was organised by Kerteh Section of the Branch
  - 15-14.6.2009 2-Day BEM Mandatory Course on Code of Ethics was conducted for young engineers residing in Terengganu.
  - 18.4.2009 The Branch Committee supported the IEM 50th Anniversary Dinner at the One World Hotel by purchasing a table and attended the evening event.
  - 9.6.2009 The Kerteh Section of the Branch participated in a 3-day PETRONAS Electrical Forum.
  - 26.6.2009 A golf tournament was arranged for the Committee members from Kuala Terengganu and Kerteh. The 1st Working Committee Meeting was then held after the tournament.
  - 29.6.2009 1-day Seminar on Technical Aspects of the Implementation of IBS was arranged.
  - 8.7.2009 Another golf tournament in conjunction with the 2nd Working Committee Meeting was held with the Kerteh Section of the Branch.
  - 17.7.2009 MEKAR Dinner was organised by the Kerteh Section of the Branch and this Section also donated RM1000.00
  - 21.7.2009 1-day Seminar on Road Safety Audit – Stage 5 was arranged at the Branch. At Kerteh a 2-Day Contract Administration Course, was jointly organised with IEM Training Centre with the Kertih Section at PPTSB.
  - 26.7.2009 A ceremony to mark the donation of fund by IEM – TOYO to SK Kg. Tengah and SK Kijal which sponsored extra classes between April and August 2009 at the schools was arranged.
  - 26.7.2009 Golf Tournament in conjunction with the 3rd, 4th, 5th and 6th Working Committee meetings were arranged by the Kerteh Section of the Branch.
  - 11.8.2009
  - 16.9.2009
  - 28.9.2009
  - 30.9.2009 Jamuan "Hari Tayqa and Anugerah Encapalan Cemerlang UPSR, PMR dan SPM bagi anak-anak ahli" was conducted.
  - 30.9.2009 Half day Talk on Nano Silver Technology in Anti Bacteria pipes was arranged for members.
  - 5.10.2009 Golf Tournament in conjunction with the 7th Working Committee meeting was arranged by the Kerteh Section of the Branch.
  - 10.10.2009 IEM Golf Tournament at Awana Kijal with Guest of Honour from KZ VP Petrochemical. Ir. Yim Hon Wa, the IEM Vice President also participated in the event.
  - 25.10.2009 Golf Tournament in conjunction with the Working Committee meeting No 8 was arranged by the Kerteh Section of the Branch.
  - 21.12.2009 1 Day Seminar on "Application of MSMA to Manage Flood in Urban Areas" was held.
  - 26.12.2009 2 Day Training on IEM – SSCDF Outreach Programme at Awana was arranged by the Kerteh Section.
  - 28.12.2009 1 Day Short Course on Developer, Consultant, Contractor and The Law was organised by the Branch and the Alumni of UiTM
- 21.11.3 Besides the above activities, the Branch also conducted 7 monthly meetings at its Branch office in Kuala Terengganu
- 21.11.4 **Professional Interviews**  
The Branch successfully arranged the Professional Interviews for 22 candidates residing in Terengganu during the year 2009.



#### 21.11.5 IEM Terengganu Branch Academic Award

The Academic Award Programme was initiated to encourage the children of members to achieve academic excellence. 5 winners under SPM category, 8 under PMR category and 5 under UPSR categories were awarded some prizes.

#### 21.12 Graduate and Student Section

21.12.1 Sdr Roland Ngeow Yen Wan continued as the YES Chairman for the second consecutive session. The Annual General Meeting of the Section was held on 27 June 2009 and attended by 36 members. An Open Forum on "Your Next Step - Career, Corporate Membership and Professional Engineer" was arranged and there were 94 members in attendance.

#### 21.12.2 IEM G & S-YES' Student Representative Council (SRC) Leadership Camp 2009

The IEM G&S-YES' Student Representative Council (SRC) Leadership Camp 2009 was held from 16 – 18 January 2009. It was an intervarsity activity which gathers engineering student society's representatives from various universities around Malaysia. The main objective of this gathering is to engage student representative of each engineering society in open discussion on future role of IEM Student Representative Council and interaction with students.

#### 21.12.3 Publicity Portfolio

G&S-YES continued to promote and update their blog (<http://theiemgns.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. The portfolio kept members informed of the G&S-YES activities through their e-mail announcement group "IEMYESannounce@yahoogroups.com". In addition to the blog and e-mail announcement group, electronic news announcement, the current G&S-YES activities, organisation chart and updates of information related to young engineers were also posted and updated regularly in IEM notice board as well as in G&S-YES Boardroom. The G&S-YES Publicity Portfolio has also produced new IEM G&S-YES souvenirs and T-shirts, which are available for purchase by all IEM members.

#### 21.12.4 G&S-Y YES Annual 2009

The G&S-YES Publicity Portfolio is also spearheading the production of the G&S-YES Annual 2009, which will be launched concurrently with the IEM G&S-YES Annual Charity Dinner 2009. The G&S-YES Annual will contain information on all activities conducted by G&S-YES HQ and Branches throughout the year, interesting articles as well as G&S-YES Annual Report.

#### 21.12.5 IEM G&S-YES Road Show

Throughout the year the Section organised a few road shows at the IEM Branches to encourage students and engineers to join IEM. The Section continued with membership drives conducted together with IEM Sub-Committee on Membership Drives at local IHLs both in Klang Valley and at IEM Branches

#### 21.12.6 Student Affairs Portfolio

On matters relating to student affairs, the G&S-YES continue to be actively involved in various projects in local universities through the Student Representatives Council (SRC). Several membership drives were organised at UM and UNITEN. This session, the membership drives were carried out in collaboration with the IEM Sub-Committee on Membership Drives. G&S-YES Committees also participated and supported activities organised by the universities i.e. EDMAT by University Malaya and UNITEN.

#### 21.12.7 Evening talks

Ir. Rocky Wong Hon Thang conducted an evening talks to young engineers on 11 March 2009. The topic was on "Sixty Years of Development of the Electricity Supply Industry in Peninsular Malaysia" and attended by 36 members.

On 11 May 2009, a two day Course on Understanding Construction Contract by Ir. Oon Chee Kheng was arranged at the Menara PKNS and attended by 94 members.

On 27 June 2009, the YES conducted an Open Forum on "Your Next Step - Career, Corporate Membership and Professional Engineer" with 94 members in attendance.

## 22 TECHNICAL DIVISIONS

### 22.1 Building Services Technical Division

22.1.1 Ir. Phang Chen Faut was elected as the Chairman, Ir. Lim Chean Fung as Deputy Chairman and Ir. Gary Lim Eng Hwa as the Advisor of the Technical Division for the Session 2009/ 2010 during the 225th Meeting of the Division held on 2 July 2009.

22.1.2 The 23rd Annual General Meeting was held on 15 August 2009 and attended by 53 members. The Half Day Course on Photovoltaic: Application and Sizing Supply and Towards a Greener Building" presented by Dr. Chong Kok Keong and Ir. Lam Kim Seong was held prior to the AGM and attended by 63 members.

22.1.3 The Chairman and members of this Division continued to play an active role in organising the IEM Annual Golf Competition for the year under review. The activities organised by the Division is summarised in the summary sheet of this Annual Report.

22.1.4 The 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.



- 22.1.5 As in the past the Committee members also served actively in various activities related to the division like drafting of Malaysia Standard with SIRIM, as IEM representative in CIDB and in various government agencies. The Division also continue with the close rapport with MASHRAE, the local counterpart of American Society of Heating, Refrigeration and Air-Conditioning Engineering, UK in organising joint activities for members. Numerous write-up on evening talks / Seminars were also published in the IEM Bulletin for the benefits of members who unable to attend.
- 22.1.6 The details list of activities of the Building Services Engineering Technical Division were also summarised in the summary sheets for information.
- 22.2 Chemical Engineering Technical Division**
- 22.2.1 The 23rd Annual General Meeting of the Division was held on 10 October 2009. Ir. Hj. Tunai Shamsidi bin Ahmad, had been nominated as the Chairman for session 2009/2010 with Ir. Dr Abdul Aziz bin Abdul Raman, as the Deputy Chairman. 33 members attended the AGM. 36 participants attended the talk on "Emerging Technologies to Monetize Small Natural Gas Resources" presented by Ir. Dr. Chan Tuck Leong.
- 22.2.2 The activities of the Division have been tabulated in the summary sheet of this Annual Report.
- 22.2.3 Regular monthly meetings were held at Bangunan Ingenieur and the Division continues to be active in the activities of the 4th Malaysian Chem-E-Car Competition 2009 and Ir. Hj. Tunai Shamsidi bin Ahmad was the Organising Chairman of the 4th Malaysian Chem-E-Car Competition 2009 held on 4th–5th March 2009 at Universiti Kuala Lumpur Malaysian Institute of Chemical & Bioengineering Technology, Alor Gajah, Melaka (UniKL MICET).
- 22.3 Civil and Structural Engineering Technical Division**
- 22.3.1 Ir. Tu Yong Eng and Ir. Teoh Teik Seng continued serving as the Chairman and the Deputy Chairman respectively for Session 2009/2010. The election was conducted at the 178th meeting of the Division which was the last meeting of the session held on 21st July 2009. The 23rd Annual General Meeting of the Division was held on 25th July 2009.
- 22.3.2 The 23rd Annual General Meeting of the Division was attended by 80 members. A talk was arranged in conjunction with the AGM on 21st July 2009. The speaker, Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin presented a talk on "Recent Developments in Earthquake Design Issues in Malaysia and Spirit of Volunteerism in Addressing Such Issues" which was well attended by 147 participants.
- 22.3.3 The Division was the 2nd runner up in the Presidential Award of Excellence for the year 2008. The presentation was made at the Annual Dinner on 18th April 2009.
- 22.3.4 The activities organised during the session were various talks, courses and seminars. The details of which are listed in the summary sheet of this Annual Report.
- 22.3.5 The Division continued to represent IEM at various Technical Committees of DSM, SIRIM, CIDB as well as related ministries and agencies.
- 22.3.6 The Committee members of this Division continued the liaison with The Institution of Structural Engineers, Malaysia Division.
- 22.3.7 The Division continued to donate books to the IEM library.
- 22.3.8 The SIRIM SWO Technical Committee on Standards in Design on Concrete Structures under this Division had completed drafting the MS EN Eurocode 0,1 and 2 and these were available for public comments in June and July 2009. Three (3) road shows were conducted in Petaling Jaya, Penang and Johor Bahru in the months of October and November 2009.
- 22.3.9 The SIRIM SWO Technical Committee on Standards in Design on Structural Steels also under this Division had completed drafting the MS EN1993-1-1. The public comment period commenced from December 2009 to March 2010. A road show was held on 24 February 2010 in Petaling Jaya.
- 22.3.10 The SWO Technical Committee on Earthquake Design Guidelines was reformed under chairmanship of Ir. Assoc. Prof. Dr. Jeffrey Chiang in March 2009, and various stakeholders were re-invited to participate. Five working groups were formed (of which four are active), and ISC'D has approved the setting up of the TC by IEM. The TC co-organised with C&S TD, a seminar on earthquake design and performance of building structures by Prof. Nelson Lam from Melbourne University. The work of TC continued with study of adopting Eurocode EC8 as basis for MS.
- 22.3.11 In view of the need to review MS1553:2002 Wind Loads on Building Structures, IEM has obtained approval from ISC'D to form a TC on Wind Code to review MS1553, under the chairmanship of Ir. Assoc. Prof. Dr. Jeffrey Chiang.
- A list of stakeholders has been compiled, and invitation to the first TC meeting will be sent shortly.
- 22.3.12 Five (5) of the Committee members of the Division, namely Ir. Tu Yong Eng, Ir. Ong Sang Woh, Ir. MC Hee, Ir. David Ng and Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin represented IEM in KPKT-UBBL.



- 22.3.13 Four (4) of the Committee members of the Division, namely Ir. Tu Yong Eng, Ir. Prof. Dr. Mohd Zamin Bin Jumaat, Ir. MC Hee and Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin served as Council Members of IEM.

#### 22.4 Electrical Engineering Technical Division

- 22.4.1 The 24th Annual General Meeting of the Technical Division was held on 30 May 2009 at 11.00 a.m. at the TUSTD Lecture Room, Wisma IEM, Petaling Jaya, Selangor Darul Ehsan.
- The AGM was held in conjunction with a presentation and dialogue by Ir. G. Lalchand on the topics of "Talk on Energy Efficiency (EE): The Role of Facilities Managers and Supervising Engineers." The talk was attended by 135 participants.
- 22.4.2 Ir. Mah Soo took over another 1 Division's Chairman session for 2009/2010. Ir. Lee Kok Chong was appointed as the Deputy Chairman for another session and Ir. Mohd. Aman bin Hj. Idris was appointed as the new Advisor for this Session. Total of 6 general members were serving this new session with 5 co-opted members, Engr. Teoh Yeong Keait as a YES representative and invitation of Ir. Ali Askar bin Sher Mohamad for the collaboration with ILSAS courses.
- 22.4.3 There are 10 regular monthly meetings was held in 2009 with majority 9/14 members attended the monthly meetings.
- 22.4.4 Majority of EETD Committee were also represent in IEM internal meetings and were also 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, Department of Standards, trainings and others.
- 22.4.5 This Division also continue with a closed collaboration with the COMSOC as international support and TNB-ILSAS for 2 years collaborations courses organised until 2011 as well as TNB, Jalan Timur on issues involves electrical disciplines.
- 22.4.6 The Division continues to organise various activities to the members such as 2 visits, 8 talks, 1 dialogue with TNB and 13 seminar/courses. The proceeding notes and other reading materials was also been forwarded to the Institution Library to be kept as guidance and view by members and researcher. Details of the activities organised were captured and highlighted in the summary sheets of this Annual Report 2010.
- 22.4.7 Ir. Yusouf bin Ahmad, immediate advisory of EETD was also nominated as the Electrical representative for the Institution for 2009/ 2010 session.
- 22.4.8 The Division was being active in the organising of Activities at fourth placing in the Presidential Award of Excellence for year 2009. The presentation was made at the 50th IEM Anniversary Dinner 2009 at the Imperial Ballroom, One World Hotel, Bandar Utama, Petaling Jaya, Selangor on 18 April 2009.

#### 22.5 Environmental Engineering Technical Division

- 22.5.1 Ir. Khew Swee Lian continued as the Chairman of the Division for the second session and Ir. Fan Hong Poh was elected as the Deputy Chairman of the Division. The election was conducted at the 172nd meeting of the Division held on 18th June 2009.
- 22.5.2 The 17th Annual General Meeting of the Division held on 27th June 2009 was attended by 47 members. Prior to that, 48 members attended the talk on "Health Risk Assessment – The Cost-Efficient Solution to Contamination" presented by Dr. Belinda Goldsworthy.
- 22.5.3 The activities of the Division are highlighted in the summary sheet of this Annual Report.
- 22.5.4 The Division continues to maintain good working relationships and rapport with governmental agencies and professional bodies by serving in their Technical Committees. Such organisations are SIRIM, CIDB and the Department of Environment.

#### 22.6 Geotechnical Engineering Technical Division

- 22.6.1 Ir. Lee Eng Choy took over the Chairmanship of the Division from Ir. Yee Yew Weng at the 20th Annual General Meeting of the Division was held on 13 June 2009. 59 members attended the AGM. A talk on "A Viewpoint on Soil Strength based on CSSM Research in Cambridge" by Ir. Dr Ting Wen Hui was held in conjunction with the AGM and was attended by 100 participants.
- 22.6.2 Regular monthly meetings were organised during the session.
- 22.6.3 The activities of the Division are highlighted in the summary sheet of this Annual Report.
- 22.6.4 The Division contributed RM200,000.00 to the IEM Building Fund and was allowed to named the Auditorium at the 3rd Floor of Wisma IEM after its founding member Tan Sri Ir. Prof Chin Fung Kee. The naming ceremony of the Auditorium was held on 7 November 2009 in conjunction with the 19th Tan Sri Prof Chin Fung Kee Lecture.
- 22.6.5 The Division also donated another RM85,000.00 to the IEM Building Fund from surpluses collected from courses and seminars and the 2nd Floor Conference Room was therefore re-named as the GETD Lecture Hall in appreciation of the Division's contribution.





- 22.6.6 The Division continues to support the IEM Bulletin with articles, reports on its activities and news on information relating to geotechnical engineering.
- 22.7 Highway and Transportation Engineering Technical Division**
- 22.7.1 Ir. Gunasagaran a/l Kristnan was elected as the Chairman of the Division for the session 2009/2010 and Ir. Chin Kar Keong the Deputy Chairman. The positions of Chairman and Deputy Chairman were elected at the 170th meeting held on 12 September 2009.
- 22.7.2 The Division held its 18th Annual General Meeting on 10 October 2009. A total of 44 members attended the AGM. Prior to that, 59 members attended the talk on "Traffic Safety for Vulnerable Road Users" presented by Prof. Dr. Ahmad Farhan Mohd Sadullah.
- 22.7.3 The activities of the Division are highlighted in the summary sheet of this Annual Report.
- 22.7.4. The Division managed to organise various activities during the year. Amongst them was a public forum on "Sustainable Public Transportation – Opportunities & Challenges" which was jointly organised with EAROPH Malaysia Council. The forum was well attended by 180 participants, both members and the public.
- 22.7.5 The activities of this Technical Division for the year were as usual closely supported by The Institution of Highway and Transport Engineering [Malaysian Branch] (IHT), the Road Engineering Association of Malaysia (REAM) and Transportation Science Society of Malaysia.
- 22.7.6 Ir. Gunasagarana/l Kristnan served as a Council Member and IEM.
- 22.8 Mechanical Engineering Technical Division**
- 22.8.1 Ir Dr. Cheong Thiam Fook was elected as the Chairman, Ir Noor Hisham Yahaya as the Deputy Chairman and Ir Lum Youk as the Advisor of the Technical Division for the Session 2009 / 2010 during the 220th Meeting held on 25 September 2009.
- 22.8.2 The 24th Annual General Meeting was held on 24 October 2009 and attended by 50 members. The talk on "How To Improve Your Engineering Consultancy Selling Skill" presented by Ir Dr. Chong Chien Fatt, was held prior to the AGM and attended by 78 members.
- 22.8.3 The first METD Networking Lunch was held in conjunction with the AGM at Armada Hotel, Petaling Jaya to promote networking among the members and to raise fund for the new IEM Building. A total of RM 6,282.80 was collected for the IEM Building Fund.
- 22.8.4 METD also organised its first in a series IBS Exhibition cum Forum and Talk on 16-17 December 2009 to promote and raise awareness among the Industry participants on the Industrialised Building System. A total of RM21,548.20 was collected for the event.
- 22.8.5 Besides, a total of RM10,000.00 was donated to IEM Building Fund (via METD) through the PIBG Fund Raising Dinner organised by Sekolah Kebangsaan Balakong.
- 22.8.6 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 2009.
- 22.8.7 With close rapport with SIRIM, Energy Commission, DOSH, Gas Malaysia, Pembangunan Sumber Manusia Bhd and Pusat Tenaga Malaysia, the Division continue to organise activities with support from these organisations for the benefits of its members.
- 22.8.8 The METD Leadership Retreat and Review Session was held on 23 May 2009 and 21 November 2009 at Port Dickson Golf and Country Club. During the retreat, the leadership, Team Building and Motivational Training Sessions were carried out. In addition, Group Brainstorming sessions and presentation on the direction forward, strategy and years plan were also conducted.
- 22.8.9 During the year, the committee was active in organising various talks, courses and visits. In this financial year, the Division had planned to expand such activities to other IEM Branches and local universities.
- 22.8.10 The detailed list of activities of the Mechanical Engineering Technical Division were also summarised in the summary sheets for information.
- 22.8.11 Three of the Committee members of the Division, namely Ir.Noor Hisham Yahaya, Ir. Luk Chau Beng and Ir. Dr. Philip Tan also served as Council Members of IEM. The Division also actively participate in external programmes and activities with both non government organisations and government departments such as SIRIM, Energy Commission, Pusat Tenaga Malaysia, DOSH, Gas Malaysia, Pembangunan Sumber Manusia Bhd etc.



## 22.10 Manufacturing Engineering Technical Division

- 22.10.1 Ir. Jagathisen s/o Siva Perumal was elected as the Chairman, Ir. Lai Ah Ying as the Deputy Chairman and Dato' Ir. (Dr.) Andy Seo Kian Haw as the Advisor of the Division for the Session 2009 / 2010 during the 139th Meeting of the Division held on 1 August 2009.
- 22.10.2 The 18th Annual General Meeting was held on 8 August 2009 and attended by 36 members. The talk on "Overview of Nuclear Power and Its Prospects in Malaysia" presented by Mr. Jamal Khaer Ibrahim was held prior to the AGM and was attended by 40 members.
- 22.10.3 The Division continued to organise membership drives at various organisations to encourage engineers to join the Institution.
- 22.10.4 The Division also continues to appoint representatives to serve in various Standing Committees and Organising Committees of the Institution. The Division manages to maintain good working relationships with governmental agencies and professional bodies such as SIRIM, FMM and other related institutions in providing representations to their working committees.
- 22.10.5 Committee members continue to volunteer to serve as Professional Interviewers.
- 22.10.6 The summary sheets indicated the various activities organised by this Technical Division.

## 22.11 Water Resources Technical Division

- 22.11.1 The WRTD 22nd AGM was held on 23 May 2009 at Wisma IEM. The AGM was attended by 50 members. Ir. Chong Sun Fatt was elected as the Chairman for the 2009/2010 session whilst Ir. Assoc. Prof. Dr. Marinda A. Malek as Deputy Chairperson.
- 22.11.2 As in previous years, the 11th Annual IEM Water Resources Colloquium was held on the same date as the AGM. A total of 52 members participated in the Colloquium.
- 22.11.3 The Committee Members of the Division continued to serve as IEM representatives at various external organizations such as SIRIM, JPS and many others by offering their contribution.
- 22.11.4 Committee Members also submitted papers and articles for various publications.
- 22.11.5 The summary of activities of the Division was tabulated in the enclosed summary sheet of this Annual Report.

## 22.12 Engineering Education Technical Division

- 22.12.1 Ir. Assoc. Prof. Dr. Lariyah Mohd Sidek was re-elected as the Chairman of the Division with Ir. N. Jayaseelan as the Deputy Chairman at the 13th Annual General Meeting held on 8 August 2009.
- 22.12.2 The 13th Annual General Meeting of the Division was held on 8 August 2009. 43 members attended the AGM. A talk on "What are the criteria to get full accreditation for engineering programme" attended by 52 participants was held prior to the AGM.
- 22.12.3 The Division continues to maintain close rapport with local public and private universities. Members especially students and lecturers from universities and colleges were invited to attend talks organised by this Division.

## 22.13 Information Technology Special Interest Group

- 22.13.1 Ir. Abdul Fattah bin Yatim continued as Chariman of the Technical Division for the third and last session with Ir. Tejinder Singh as his Deputy Chairman.
- 22.13.2 The 11th Annual General Meeting of the Special Interest Group of IEM was held on 14 March 2009 and attended by 45 members. The Division was pleased to place on record that for the second time, the AGM of the Division was so well supported.
- A talk on "Embedded Systems in Satellite" by Ir. Warren KH Soh was held prior to the AGM and this event was attended by 51 members.
- 22.13.3 The IT SIG continues to provide opinions, proposals and suggestions to improve the IEM website. The Special Interest Group was continued to comment on the proposed guidelines for the setting up of the e-group and procedure set up for the monitoring of the IEM homepage.
- 22.13.4 The Group is currently assisting the Excomm of the IEM and the IEM Secretariat to set up the IEM Portal for IT Infrastructure under the SSCD Fund acquired from MIDA.
- 22.13.5 The activities of the Group similar to other Technical Divisions, are highlighted in the summary sheet of this Annual Report.



#### **22.14 Agricultural and Food Engineering Technical Division**

- 22.14.1 The 10th Annual General Meeting was held on 24 January 2009 for the Session of 2008/2009. The Chairman elected would be Ir. Kumar Subramaniam.
- As for the Session 2009/2010, the 11th Annual General Meeting was organised on 23 January 2010. The Chairman for the Session was retained as Ir. Kumar Subramaniam.
- 22.14.2 Five technical visits and three talks were organised for year 2009. The activities are captured in the summary sheets of the Annual Report.
- 22.14.3 The Committee also in the midst to work with Publication Committee for a special issue in the Journal to be published in year 2010.

#### **22.15 Tunnelling and Underground Space Technical Division**

- 22.15.1 The 9th Annual General Meeting was held on 16 May 2009 and attended by 57 members. Ir. Neo Boon Kheng was elected the Division Chairman for the session 2009/2010 with Ir. Jagjeet Singh Sidhu as the Deputy Chairman of the Division.
- 22.15.2 The AGM was arranged after the Half Day Seminar on "Safety and Health in Construction of Tunnels" presented by Ir. Leslie Pakianathan from Mott MacDonald Singapore Pte Ltd.
- 22.15.3 The Division continue to maintain a leading role on promoting closer interaction and co-operation amongst the various professional groups. The Division also has a good working relationship with the International Tunelling Association (ITA)
- 22.15.4 The members of the Division actively prepared articles and write up for the IEM Bulletin
- 22.15.5 The Technical Division continues to donate magazines and books to the IEM Library
- 22.15.6 The activities of this Division is tabulated and summarised in the summary of events of this Annual Reports
- 22.15.7 The members also volunteered and served as Professional Interviewers for the session.
- 22.15.8 The Division will be organising an International Conference and Exhibition in March 2011 at Grand Dorsett Subang Hotel. A two-day on ITA Short Course would also be held before the conference day.

#### **22.16 Project Management Technical Division**

- 22.16.1 Dato' Ir. First Admiral Hj. Ahmad Murad bin Hj. Omar continued his tenure as the Chairman for the second session for 2009/2010. Ir. Lee Boon Chong also continued as the Deputy Chairman of the Division for the said session.
- 22.16.2 The 5th Annual General Meeting of the Division was held on 4 July 2009 and attended by 72 members. A talk on "Project Management : Issues and Challenges" by Ir. Ahmad Zainal Abidin was held prior to the AGM and a total of 70 members were at the function.
- 22.16.3 The Division organised an overseas trip to Beijing, China to see some of the projects eg the Water Cube, the Bird's Nest Stadium, an Hydro Electrical Power dam and held a courtesy visit to China Association of Science and Technology (CAST). A full report was prepared for the Bulletin.
- 22.16.4 The activities of the Technical Division are tabulated in chronological order in the summary sheet of this Annual report.
- 22.16.5 The Committee members have been very active in organising evening talks, trips and visits as well as courses for the year under review.

#### **22.17 Electronic Engineering Technical Division**

- 22.17.1 The only Technical Division to be set up outside the domain of the Head Office is based in Penang and was form on 19 January 2009 at the 365th Council meeting
- 22.17.2 The 1st Annual General Meeting was held on 11 July 2009 at the Penang Branch Secretariat and attended by 21 members.
- 22.17.3 Ir. Dr Tan Kim Hor was elected as the Chairman for the 2009/2010 session with Ir. Dr Cheong Kwan Yew as the Deputy Chairman.
- 22.17.4 During the year, the Division hosted the 1 Day Course on Green Technology & System ON Chip, SOC with speakers from Taipeh, Taiwan. 90 participants registered for the course.

#### **22.18 Consulting Engineers Special Interest Group**

- 22.18.1 This Special Interest Group was form when 50 members petitioned to the IEM Council for consideration to set up a Special Interest Group to look into the various issues affecting Consulting Engineering profession. The Division therefore was established at the 366th Council meeting held on 16 March 2009.



- 22.18.2 The meeting to set up the Protem Committee was held on 13 April 2009 and Ir. Dr Ooi Teik Aun was elected as the Protem Chairman with Dato Ir. Samsuddin bin Ismail as the Deputy Chairman.
- 22.18.3 The Protem Committee besides organising evening talks also conducted road show at the IEM Branches with the aim to brief members on the Board of Engineers Malaysia's plan to set up the Classifications of Consulting Engineering Practices. The road show highlighted the pros and cons of this proposal. The road show kick-off with the 1st of this event being organised at the Head Office in Petaling Jaya on 24 June 2009. The second road show was held in Penang on 18 August 2009 and the third was in Kuching on 20 November 2009 with the fourth in Kota Kinabalu on 21 November 2009.

Immediately after the presentation on ECP, the speaker who is also the Special Interest Group Chairman, Ir. Dr Ooi Teik Aun presented a Repeat Lecture of the 19th Professor Chin Lecture at the branches.

- 22.18.4 The Group proceeded to organise a very successful Workshop cum Exhibition on Engineering "A Sustainable Development Model for Malaysia" at the Holiday Villa, Subang Jaya and the event was attended by 174 members.

### 23 MANAGEMENT REVIEW COMMITTEE

- 23.1 This ISO Committee being chaired by the President, Dato Ir. Prof Dr Chuah Hean Teik and comprises of all Excomm Committee members held its meeting at least 3 times in a year to review and monitor the progress of the ISO. For the year, the Committee reviewed the ISO procedures and look into the quality policy and objectives of the Institution with the aim of renewing the ISO certifications.

The Committee with assistance from the staff of the Secretariat continues to look into services to improve so as to provide a better and more efficient Secretariat.

### 24 IEM TRAINING CENTRE SDN. BHD.

- 24.1 During the year, IEM Training Centre Sdn. Bhd. continued to organise continuing education courses for the benefits of engineers in particular IEM members.

#### 24.2 Courses

During the financial year ended 31 December 2009, this Centre successfully organised a total of 85 IEM and BEM courses.

#### 24.3 IEM Courses

A total of 23 courses were organised.

The breakdown on the courses for various disciplines are as follows:

	Disciplines	No of courses
1	Civil/Structural	8
2	Mechanical	2
3	Electrical	2
4	Geotechnical	3
5	Project Management	1
6	Finance Management	1
7	Contract Management	5
8	Others	1

Out of the 23 courses, 1 were held in Penang, 2 in Kuching, 1 in Alor Setar, 1 in Kuantan, 2 in Johor Bahru, 2 in Sibu, 1 in Johor Bharu, and 1 in Kerteh. The total number of participants for the courses were 803.

#### 24.4 BEM Courses

A total of 62 BEM courses were organized, out of which 5 were held in Kuching, 1 in Kota Kinabalu, 3 in Penang, 1 in Miri and 2 in Kuala Terengganu. The total number of participants for the courses were 1328..

#### 24.5 Financial Year

Total income for the financial year ended 31 December 2009 was RM1,321,197.85 and total expenditure was RM1,040,259.37. For the year's operation, the Centre recorded a pre-tax profit of RM280,938.48.

YBhg. Dato' Ir. Prof. Dr. Chuah Hean Teik  
President IEM



EVENT	ORGANISED BY / SUPPORTED BY	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
<b>2009</b>							
7 January	Mechanical		Talk	Absorption Chiller and Application with Solar Energy	IEM	Mr WoonTeck Kee and Ir. Chan Jian Wen	93
10 January	Civil & Struct		Visit	Technical Visit to Bluescope Steel (M) Sdn Bhd	Kapar, Selangor		60
10 January	PPC	DRP Sub Committee	Seminar	Half Day Seminar on Alternative Dispute Resolution in Construction Industry	IEM	Ir. Lai Sze Ching	92
17 January	Welfare	Lady Sub Committee, UPM	Workshop	Workshop To Encourage Lady Engineers in Engineering	UPM	Ir. Toh Ai Ching, Ir. Dr Marlinda A Malek, Mr Lau Yuk Ma, Ir. Magdelene Tan Lee	62
22 January	Mechanical		Talk	Solar Air Conditioning and Application with Evacuated Tube Collector	IEM	Ir. Edison Kong and Ir. Chan Jian Wen	57
24 January	Agri & Food		Talk	Talk on Technology and Global Warming	IEM	Ir. Ooi Ho Seng	64
24 January	Agri & Food		Meeting	10th Annual General Meeting	IEM		39
3 February	Chemical		Talk	Role of Chemical Engineers in Biotech Sector	IEM	Prof Dr Mohd Ali bin Hassan	15
4 February	Oil, Gas, Mining		Talk	Talk On Wireline Logging in E & P Activities	IEM	En Mohd Jumaat	20
14 February	PPC	DRP Sub Committee	Seminar	Half Day Seminar on Drafting and Assessing Construction Related Claims	IEM	Ir. Harbans Singh	138
16 February	Mechanical	Schneider Electric	Talk	Talk on Hygienic Swimming Pool System	IEM	Ir. Wong Choon Yoong	93
18 February	Electrical		Seminar	Half Day Seminar on Power Protection Strategy: Comparing Ups System Design Configurations	IEM	Mr Danny Phang	15
20 February	Eng Education		Talk	Product Design 101: Steps for Creating Marketable Products	IEM	Ir. Dr Faris Tarlochan	76
21 February	Chemical		Visit	Technical Visit to Petronas Penapisan (Melaka) Sdn Bhd	Melaka		37
25 February	Civil & Struct		Talk	Talk on Malaysian Overview of EC0 , EC1 and EC2	IEM	Ir. MC Hee	135
25 February	Mechanical		Course	Half Day Course On Design for EOT Cranes	P.Jaya	Ir. Hsiung Teck Pin	50
26 February	B Services		Seminar	One Day Seminar on Application of Smartwise Technology in ICE Thermal Energy Storage and Chiller System Design	Eastin Hotel, P. Jaya	Mr Koh Ken Weng	postponed
26 February	Electrical		Seminar	One Day Seminar on "Electric and Magnetic Fields (EMF) from Electric Power : Is there a Health Hazard?"	IEM	Ir. Mohd Fuad Faisal	31



EVENT	ORGANISED BY / SUPPORTED BY	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
27 February	Pro ETI	MGCC	Talk	Presentation for European and Asian Co-operation of Small and Medium Sized Enterprise (PEACE)	IEM	Mr Thomas Brandt	24
28 February	Chemical		Visit	Technical Visit to Solar Energy Research Institute, UKM	Bangi, Selangor		37
28 February	Environmental		Talk	Talk on Arahan Teknik Jalan 16/03 Pindaan 2008: A Practical Guide to Prepare Bill of Quantities for Environmental Protection and Enhancement	IEM	Hj Abu Harith bin Hj Shamsuddin	84
2 March	Eng Education		Talk	Facilities Management for Engineers	IEM	Ir. N. Jayaseelan	47
2 March	Activities	Corporate Affairs	Courtesy Visit	Courtesy Visit by the Engineers of The Institution of Engineers, Kenya and Engineers of Registration Board, Kenya	IEM		20
6 March	Civil & Struct		Talk	Talk on Self Consolidating High Performance Concrete Incorporating Rice Husk Ash	IEM	Dr Md Safiuddin	73
7 March	Chemical		Talk	Overview of Sprayed Concrete Technology	IEM	Mr Matt Ross	59
11 March	B Services		Seminar	One Day Seminar on Application of Smartwise Technology in ICE Thermal Energy Storage and Chiller System Design	Eastin Hotel, P. Jaya	Mr Koh Ken Weng	37
11 March	G & S Section		Talk	Sixty Years of Development of the Electricity Supply Industry in Peninsular Malaysia	UM, K. Lumpur	Ir. Rocky Wong Hon Thang	36
11-13 March	Eng Education	BEM. EAC, MOA	Workshop	EAC New Panel Evaluators Workshop	Equatorial Hotel, Bangi, Putajaya	Variious Presenters	47
13 March	Environmental		Talk	Indoor Air Climate and Environmental Toxins	IEM	Mr Jackson Tseng	67
13 March	Civil & Stuct	IStructE M'sa	Talk	How to Pass the IStructE Chartered Membership Examination -- An Examiner's Perspective	IEM	Mr Rajavel Inbarajan	59
14 March	Civil & Struct	IStructE M'sa	Course	One Day Advanced Course in Structural Engineering	IEM	Mr Rajavel Inbarajan	78
14 March	Project Management		Talk	Project Management & Six Sigma	IEM	Pn Nuraslina Zainal Abidin	62
14 March	IT SIG		Talk	Talk on Embedded Systems in Satellites	IEM	Ir. Warren K Soh	51
14 March	IT SIG		Meeting	11th Annual General Meeting	IEM		45
14 March	Welfare	Ladies Sub Committee	Social	Tea Party Gathering - Let's Party	IEM Penthouse		57
19 March	Chemical		Visit	Technical Visit to Pusat Tenaga Malaysia (PTM)	PTM		37
19 March	Electrical		Seminar	One Day Seminar on "PF Capacitor and Automatic Transfer Switch	IEM	Mr. Jeffrey Ng	15
19 March	Oil, Gas & Mining		Talk	Talk on Malaysian Oil & Gas Deepwater Development The Experience Thus Far	IEM	Ir. Ahmad bin Sedek	77
21 March	Welfare		Talk	Talk on Heart Diseases	IEM	Dato Dr Balachandaran a/l Kandasamy	33



EVENT	ORGANISED BY / SUPPORTED BY	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
22-23 March	Activities	Sarawak Branch	Conference	ICEE - International Conference on Engineering and Education in the 21st Century	Riverside Majestic Hotel, Kuching	Various Paper Presenters	280
23 March	Manufacturing		Talk	Talk on Process Report of PEMUDAH - Task Force to Facilitate Business	IEM	Dato Ir. Dr Andy Seo Kian Haw	34
23 - 24 March	B Services	MASHRAE	Course	2 Day Intensive Course on Common Commercial and Contract Administration Problem and Their Solutions	Armada Hotel, P, Jaya	Ir. Harbans Singh	48
25 March	Mechanical		Talk	Talk on Design and Construction of Table Lifts	IEM	Ir. Hsiung Teck Pin	45
26 March	Mechanical	Welcome Air Tech Sales & Services S/B	Course	Half Day Course on Modern AHU's Role in Energy Conservation	Finnegens Irish Restaurants, K. Lumpur	Ir. Albert Lim Ting Yew and Ir. Den Low Han Guan	30
26 March	Oil, Gas & Mining		Talk	Introduction to Airborne Contamination on Control for Operating Theatre	IEM	Ir. Al-Khairi Mond Daud	41
27 March	Electrical		Seminar	Half Day Seminar on "Active Voltage Conditioner: An Alternative to the UPS"	IEM	Mr Vernon Pryde and Mr Philipp Elsenring	25
28 March	Tunnelling		Visit	Technical Visit to the Construction of Triang Transfer Tunnel and Associated Project Jbans, Sungei Triang, N Sembilan	N Sembilan		23
28 March	PPC	DRP Sub Comm	Seminar	Half Day Seminar on Powers, Jurisdiction, Appointment and Removal of the Arbitrator Preliminary Meeting and Interlocutorys and Costs and Interest	IEM	Ir. Leon Weng Seng	53
30 March	Agri & Food		Talk	Talk on Thinking of Box with Conveyor Chain Design and Applications	IEM	Mr Mika Jones	50
31 March	Electrical		Talk	An Evening Talk on Small Signal Instability in Power Systems	IEM	Prof Ooi Book Teck	55
2 April	Environmental		Visit	Technical Visit to Kualiti Alam Waste Management Centre	Negeri Sembilan		30
2 April	Mechanical		Course	One Day Course on Boiler Design, Operation and Maintenance	IEM	Ir. Luk Chau Beng and Mr Shigehiro Miyamae	40
6 April	Mechanical	I.MechE Malaysia Branch	Talk	Educated Engineers: The Only Basis of a Sustainable Society	IEM	Prof William M Banks	51
7 April	B Services	MAHRAE	Talk	Talk on Energy Conservation in Existing Building	IEM	Mr Gordon V.R. Holness	65
10 April	Chemical		Visit	Technical Visit to Eratech (Malaysia) Sdn Bhd	Nilai, N Sembilan		28
11 April	Mechanical		Visit	Technical Visit to Live Solar Cooling System	K. Lumpur		38
11 April	Agri & Food		Visit	Technical Visit to the Workshop of Turbo Bio Engineering Sdn Bhd	Subang Jaya		17
11 April	PPC	DRP Sub Comm	Course	Short Course on Overview of Arbitration Under the New Act	IEM	Mr G H Tee	63



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11 April	Electrical		Talk	A Talk on TV White Spaces Spectrum Due to Transition from Analogue to Digital TV (DTV)	ISM Room	Dr Rashid A Saeed	35
11 April	E & T	PI Sub Committee	Workshop	Professional Interview Workshop	Wisma IEM	Ir. Ishak A Rahman, Ir. Dr Muhd Fuad Abdullah, Ir. S Kukanesan and Ir. Juares Rizal A Hamid	79
13 April	W Resources		Seminar	Half Day Intensive Seminar How to Design A Drainage System to Meet the Requirements of the Urban Stormwater Management Manual (MSMA) by DID	IEM	Ir. Dr Quek Keng Hong	50
13 April	CESIG		Meeting	Inaugural Meeting of Consulting Engineering Special Interest Group	IEM	Mr Christopher James Bernard	44
13 April	Oil, Gas & Mining		Talk	Talk on HSE in Projects - Focusing on Design	IEM	Ir. Mohd Fuad Faisal	30
14 April	Electrical		Seminar	One Day Seminar on "LV Capacitor Bank Maintenance	IEM	Ir. Dr Tew Kian Hui	46
15 April	W Resources		Talk	Property Development In Environmentally Sensitive Areas - Approaches & Challenges	IEM	Ir. Edison Kong and Ir. Chiang Siew Chan	24
16 April	Mechanical		Talk	Talk on Revolution in Building Automation System - Multi Protocol and Web Based Approach	IEM	Dr Eric S.F. Li	47
17 April	Geotechnical		Talk	A Case Study on Design and Construction of A Braced Excavation at A Reclaimed Site at WaterFront	Wisma IEM		50
18 April	Activities		Meeting	50th Annual General Meeting	Wisma IEM		359
18 April	Activities		Social	IEM 50th Anniversary Dinner	One World Hotel, Bandar Utama, P. Jaya		1030
20 April	Electrical	ABB Malaysia Sdn Bhd	Seminar	Half Day Seminar on Power Quality Solution	UTM Skudai, Johor	Mr Dusit Lertsawatwicha	20
21 -22 April	Civil & Struct	NUS	Course	Two Day Course on Dynamic Analysis and Earthquake Design of Structures	Hotel Armada, P. Jaya	Prof Dr Quek Ser Tong and Dr Pang Sze Dai	98
21 April	Chemical		Talk	Industrial Drying	ISM room	Ir. Asso Prof Dr Law Chung Lim	12
22 April	Electrical	e Plan Competence Centre SEA	Seminar	One Day Seminar on "Global Standard in Electrical Design Engineering Software"	IEM	Mr Lam Yap Meng	10
22 April	Eng Education		Talk	Understanding the Importance of Copywriting	IEM	Ir. Soon Woi Kheng	20
22-23 April	Oil, Gas & Mining	ILSAS	Course	2 Day Course on Introduction to Industrial Non-Destructive Testing (NDT)	IEM	En Mohd Murthadza b Abd Rahman	16
23 April	Chemical		Talk	Energy Aspect in Industrial Drying	ISM Room	Ir. Assoc Prof Dr Law Chung Lim	13





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23 April	Electrical	ABB Malaysia Sdn Bhd	Seminar	One Day Seminar Surge Arresters: The Over-Voltage Protection	Wisma IEM	Mr Alexander S Bernhard	30
23 April	Oil, Gas & Mining		Talk	Talk on Engineering of Oil Production'	IEM	Ir. Razmahwata Mohd Razalli	44
24 April	Welfare		Talk	IEM Professional Indemnity Insurance in Economic Hard Times	IEM	Mr Charles Perera	27
24 April	Electrical		Seminar	One Day Seminar on MV and HV Reactive Power Compensation	Wisma IEM	Mr Hakan Rorvall	35
24 April	W Resources		Talk	Talk on Engineering as a Career	Wisma IEM	Ir. Asso Prof Dr Aminuddin Mohd Baki	21
24 April	Highway		Visit	Technical Visit to KTMB Railway Development Project	Batu Gajah, Perak		18
24-25 April	Project Management		Visit	Technical Visit to Sultan Azlan Shah Power Station and Boustead Naval Shipyard	Lumut, Perak		60
28 April	Oil, Gas and Mining		Talk	Talk on Managing Information for Strategic Business Decision: Global Trend Forwards Standardization Based on ISO 15926	IEM	En Wan Hassan bin Wan Mamat	22
29 April	Mechanical	Welcome Air Tech Sales & Services S/B	Course	Half Day Course on Modern AHU's Role in Energy Conservation	Finnegens Irish Restaurant, K. Lumpur	Ir. Den Low and Ir. Albert Ting Yew	90
2 May	PPC	DRP Sub Comm	Course	Short Course on Construction Adjudication in Malaysia Under the PAM Standard Form of Building Contract 2006	IEM	Y.Bhg Dato Kevin Woo	cancelled
4-6 May	W Resources		Workshop	2 1/2 Day Hands on Workshop on: River Water Quality Modelling	UiTM Shah Alam	Assoc Prof Dr Maketab Mohamed, Ir. Zaki Zainudin and Tengku Fazil Tengkyu Yahya	23
5 May	Mechanical		Talk	Talk on Revolution in Data Centre Cooling - Cold Aisle Containment Solution	IEM	Mr Teh Chai Huei	61
7 May	Mechanical		Talk	Talk on Jet Fan and Computational Fluid Dynamics (CFD)	IEM	Ir. Soong Peng Soon and Ir. Kannan M. Munisamy	62
11-12 May	G/S Section		Course	2 Day Course on Understanding Construction Contracts	Menara PKNS, P. Jaya	Ir.Oon Chee Kheng	94
15 May	Geotechnical		Talk	Engineering Applications of Seismic Refraction and Resistivity Techniques	Wisma IEM	Mr Ng Chak Ngoon	22
16 May	High & Trans		Social	IEM Walk and Hunt 2009	Taman Jaya, P. Jaya		cancelled
16 May	Welfare		Social	IEM Family Day 2009	Taman Jaya, P. Jaya		239
16 May	Tunnelling		Talk	Talk on Safety and Health in Construction of Tunnels	IEM	Ir. Leslie J Pakianathan	64



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16 May	Tunnelling		Meeting	9th Annual General Meeting	IEM		45
16-17 May	G/S Section	TTDT Toastmaster Club	Course	2 Day Course on Public Speaking: "Speechcraft Programme 2009"	Wisma IEM		0
18-19 May	Civil & Struct	Bluescope Steel	Course	2 Day Steel Lecture Course on Effective Design and Construction of Cold Formed Steel Structures	Armada Hotel, P. Jaya	Dr Ben Young and Ir. Prof KF Chung	68
20 May	Geotechnical		Talk	Talk on Lessons Learned from Two Case Histories of Retaining Structures	Wisma IEM	Prof Pedro Seco e Pinto	78
22 May	Oil, Gas & Mining		Talk	The Importance of Flow Assurance in Oil & Gas Operations	Wisma IEM	Ir. Kevin Shanta	30
23 May	IEM Southern Branch	ACCI	Conference	1 Day Conference on Sustainable Construction and Best Use of Waterways	The Zon Regency Hotel, J. Bahru	Various Paper Presenters	110
23 May	W Resources		Colloquium	11th Annual IEM Water Resources Colloquium	Wisma IEM	Various Paper Presenters	52
23 May	W Resources		Meeting	22nd Annual General Meeting 2009	Wisma IEM		50
23 May	Tunnelling	IEM TC	Course	Short Course on Risks Management in Tunnel Construction	Wisma IEM	Mr Richardon Perio	50
25 May	Geotechnical		Talk	Geotechnical Engineering in the Middle East- A Malaysian Perspective	Wisma IEM	Ir. Tan Ek Khai	65
26 May	Oil, Gas & Mining		Visit	Visit to TNB REMACO REPAIR Centre at Connaught Bridge Power Station	Klang		28
26 May	Mechanical		Talk	Talk on Compact Membrane Bio Reactor and Recycling Water System for Water Conservation		Mr. Takasima	63
27 May	Mechanical		Visit	Technical Visit to Sum Hing Malaysia - Manufacturing Facility	K. Lumpur		8
27 - 28 May	Chemical		Visit	Technical Visit to Fertilizer Plants at Petronas Fertilize (Kedah) Sdn Bhd and at Malaysian NPK Fertilizer Sdn Bhd	Kedah		23
29 May	Geotechnical		Talk	The Role of A Geotechnical Instrumentation Monitoring Programme in Arcerting a River Exclusion Cofferdam's Possible Distintegration	Wisma IEM	Ir. Yee Thien Seng	54
30 May	Electrical		Talk	Energy Efficiency (EE) The Role of Facilities Managers and Supervising Engineers	Wisma IEM	Ir. G Lalchand	132
30 May	Electrical		Meeting	24th Annual General Meeting	Wisma IEM		132
8-9 June	Oil, Gas & Mining		Course	2-Day Course on Welding Process and Equipment	ILSAS, Bangi	En Mohd Darus bin Taib	17
11 June	Oil, Gas & Mining		Talk	Strategic Management Thinking Process	Wisma IEM	En Mohd Fuad Ahmad	33



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13 June	Geotechnical		Talk	Talk on A View Point on Soil Strengths -based on CSSM Research in Cambridge	Wisma IEM	Ir. Dr Ting Wen Hui	100
13 June	Geotechnical		Meeting	20th Annual General Meeting	Wisma IEM		59
16 June	Electrical		Talk	An Evening Talk on Fundamentals and Practical Mitigation of Power System Harmonics	Wisma IEM	Emeritus Prof Piet Swart	42
18 June	Mechanical		Visit	Technical Visit to EOT Crane Manufacturing Facility	Shah Alam, Selangor		16
19 June	W Resources		Course	One Day Course on Basic Ocean Engineering and Design	Wisma IEM	Ir. Kok Choo Mei	70
20 June	Project Management		Visit	Technical Visit to KL Monorail Bricksfield	Bricksfield, K.Lumpur		40
20 June	Mechanical		Visit	Technical Visit to Live Solar Cooling System	Puchong		44
20 June	Agri & Food		Visit	Technical Visit to Kewpump (M) Sdn Bhd	Menglembu, Ipoh		27
20 June	Civil & Struct	UTAR	Seminar	Awareness Seminar on Eurocodes - EC0, EC1 and EC 2	UTAR, P.Jaya Campus	Ir.MC Hee	101
22 June	Welfare		Talk	Talk on Health Diseases - Metabolic Syndrome	IEM	Dato Dr Khoo Kah Lin	13
24 June	Agri & Food		Talk	Talk on Basic Operation and Maintenance of Centrifugal Pumps and Its Usage in the Agriculture Industry [Palm Oil Mill, etc]	IEM	Mr Thomas Chai and Mr Chai Jin Hann	15
24 June	CESIG		Road show	Roadshow on Classification of Engineering Consulting Practice (ECP)	Wisma IEM	Ir. Lee Weng Onn, Dato Ir. Samsuddin Ismail, Ir. Rocky Wong HonThang	51
26 June	B Services		Course	Half Day Course on Plastic Piping Systems for Plumbing Applications	Wisma IEM	Mr David Herensperger	44
27 June 2009	G & S Section		Forum	Your Next Step - Career, Corporate Membership and Professional Engineer	Wisma IEM	Various Panelists	94
27 June	G & S Section		Meeting	39th Annual General Meeting	Wisma IEM		36
27 June	Tunnelling		Visit	Technical Visit to Electrified Double Track Project Berapit Tunnel and Larut Tunnel	Parit Buntar to Padang Rengas, Perak		31
27 June	Environmental		Meeting	17th Annual General Meeting	Wisma IEM		47
27 June	Environmental		Talk	Pre AGM Talk on Humun Risk Assessment - The Efficient Solution to Contamination	Wisma IEM	Dr Belinda Goldsworthy	48
27 June	PPC	MI. Arb	Colloquium	Frequently Occuring Claims in Civil Engineering Contracts	Tropicana City Business Park, P. Jaya	Ir. Khoo Choong Keow	20



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29 June	Project Management		Talk	Naval Weapon Systems Project Management and Engineering Challenges	IEM	Ir. Lt Cdr (Rtd) Ahmad Madzlan Zahari	33
1 July	W Resources		Course	One Day Course on Paddy Irrigation and Drainage System Design	Wisma IEM	Ir. Lau Eng Lim and Ir. Chong Sun Fatt	37
2 July	B Services		Talk	Emerging Technologies to Maximise HVAC System Efficiency: a) Non-toxi, Sustainable Water Treatmen, b) Technical Aspects	Wisma IEM	Mr. Don Gray and Mr. Danny Miller	45
4 July	Project Management		Meeting	5th Annual General Meeting	Wisma IEM		72
4 July	Project Management		Talk	Project Management : Issues and Challenges	Wisma IEM	Ir. Dr Ahmad Zainal Abidin	70
4 July	W. Resources		Visit	Technical Visit to Puncak Niaga's Sg Selangor Water Treatment Plant	Bukit Badong, Selangor		37
7 July	Oil, Gas & Mining	SIEAMM	Talk	Talk on Scenario Thinking	Wisma IEM	Mr. Victor Foo	33
7 -8 July	Oil, Gas & Mining	ILSAS	Course	Two Day Course on Steam Boiler - Operations, Trouble -Shootings, Inspection, Maintenance and Repairs.	ILSAS, Bangi	Ir. Mohd Normarzuki bin Ya'acob	22
9 July	Mechanical		Talk	Mitigation Fire Risk for Mission Critical Facilities	Wisma IEM	Ir. Eric Chang CH and Ir. Kok Cheng Yang	20
11 July	Electronics		Meeting	1st Annual General Meeting	IEM Penang Branch		21
11 July	High & Trans		Public Forum	Sustainable Public Transportation - Opportunities and Challenges	Wisma IEM	Various Panelists	180
13-14 July	Oil, Gas & Mining		Course	2 Day Course on Fabrication and Application	ILSAS, Bangi	En Mohd Faizal Yusof	10
15 July	Mechanical		Talk	Thermal Energy Storage - ICE or CHW	Wisma IEM	Mr Woon Teck Kee	43
15 July	Geotechnical		Talk	Advantages and Pitfalls of Finite Element Analysis in Geotechnical Engineering Practice	Wisma IEM	Ir. Dr Dominic E L Ong	35
16-17 July	Geotechnical	CIDB. IEM TC	Workshop	Workshop on Eurocode 7 - Geotechnical Design	Wisma IEM	Various Paper Presenters	145
18 July	IEM Penang Branch	Activities	Presentation	The Galaxy of Engineering Stars	IEM Penang Branch	Various Speakers	235
18 July	Tunnelling		Seminar	Half Day Seminar on Underground Structure Rehabilitation Design and Application	IEM	Mr Willie Kay and Mr Tony Yap	45
21 July	Electrical		Visit	Technical Visit to Gutor Electronics	Shah Alam, Selangor		12



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20-21 July	Geotechnical	AGSSEA, CIDB, IEM TC	Course	2 Day Course on Design of Geosynthetic Reinforced Soil Structures	Wisma IEM	Dr Jie Han	80
21-22 July	Oil, Gas & Mining		Course	Two Day Course on Maintenance Management; An Overview	ILSAS, Bangi	Ir. Al-Khairi Mohd Daud	0
22 July	Activities		Social	IEM Golf Tournament 2009	KGPA, Bukit Kiara		80
22 -23 July	IEM Training Centre	CIDB	Course	Use of The Second Law of Thermodynamics Analysis	Wiams IEM	Prof Kau- Fui Vincent Wong	15
25 July	Eng Education		Visit	Technical Visit to DMC Solution (KL) Sdn Bhd	Shah Alam, Selangor		8
25 July	E & T	PI Sub Committee	Workshop	PI Workshop	Wisma IEM	Ir. Ishak A Rahman, Ir. Dr Muhd Fuad, Ir. S. Kukanesan, Ir. Juares Rizal	126
25 July	Civil & Struct		Talk	Recent Developments in Earthquake Design Issues in Malaysia and Spirit of Volunteerism in Addressing Such Issues	Wisma IEM	Ir. Assoc Prof Dr Jeffrey Chiang Choong Luin	147
25 July	Civil & Struct		Meeting	23rd Annual General Meeting	Wisma IEM		81
27-28 July	Oil, Gas & Mining	ILSAS, WIM	Course	2 Day Course on Design Considerations in Static Equipment Application	ILSAS, Bangi	Mr Ian Partridge	0
27 July	Electrical		Visit	Technical Visit to Master TEC Wire and Cable Sdn Bhd	Alor Gajah, Melaka		13
27 July	Eng Education		Talk	Stormwater Management: from Theory To Practice	Wisma IEM	Ir. A/P Dr Lariyah Mohd Sidek	57
27 July	ITSIG		Talk	Talk on Optical Access Network Technologies : Fiber To the Home (FTTH)	Wisma IEM	Mr Guven Togan	16
29 July	Geotechnical		Talk	Defining and Classifying Earth Materials in Malaysia	Wisma IEM	Dr John Kuna Raj	50
30 July	Electrical	TEEAM	Seminar	One Day Seminar on Medium Voltage Industry	Holiday Inn Hotel, Glenmarie, Subang Jaya	Mr Andrew Karisson	155
30 July	B Services		Talk	Talk on Controls in Air-Conditioning System - How Real is it ?	Wisma IEM	Ir. Daniel Lim Kim Chuan	60
31 July	B Services		Talk	Talk on Advance Engineering for Low Energy Sanitary Water Heating in Commercial Buildings	Wisma IEM	Mr Bruce I Nelson	30
1 August	Environmental		Seminar	Half Day Seminar on EIA	Wisma IEM	Various Presenters	45
1 August	PPC	Contract Sub Committee	Forum	Forum on IEM Draft Conditions of Contracts for Civil Engineering Works	Wisma IEM	Various Panelists	66



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3 August			Talk	Talk on Urban Engineering of Korean Experience	Wisma IEM	Prof Heekyung Park	54
3-4 August	IEM TC	CIDB	Course	Fundamental Project Management	Wisma IEM	Ir. Frankie Chong	80
4 August	IT SIG		Talk	Talk on Next Generation Vehicle Network and Intelligent Transportation System (ITS) Recent Developments, Opportunities and Challenges	Wisma IEM	Dr Rashid A Saeed	46
5 August	Oil, Gas & Mining		Seminar	One Day Seminar on Drilling Engineering Overview	Wisma IEM	En Razak Yakob	22
5-6 August	Project Management	Genaxis	Course	Two Day Course on Project Management & Six Sigma	Wisma IEM	Mr Selveentharan Muniandy	30
6 August	Chemical		Talk	How to Maximise the Potential of Water Reuse/Recycle	Wisma IEM	Ir. assoc Prof Dr Dominic Foo	20
6 August	Mechanical		Course	Cooling the Future - Latest Air Conditioning Design Trend and Sustainable Operation Guide for Modern Complex and Multi-Tenant Complexes	Wisma IEM	Various Course Presenters	91
6 August	Tunnelling		Visit	Technical Visit to Smart Tunnel Motorway Operation Control Room	K. Lumpur		22
1, 8 and 15 August	Arbitration	MIArb, PAM	Course	Two and Half day Course on Arbitration Award Writing	IEM		11
8 August	Manufacturing		Talk	Talk on Overview of Nuclear Power and Its Prospects in Malaysia	Wisma IEM	Mr Jamal Khaer Ibrahim	32
8 August	Manufacturing		Meeting	18th Annual General Meeting	Wisma IEM		38
8 August	Eng. Education		Talk	What are the Criteria to Get Full Accreditation for Engineering Programme	Wisma IEM	Ir. Assoc Prof Meegat Johari bin Megat Mohd Noor	52
8 August	Eng. Education		Meeting	13th Annual General Meeting	Wisma IEM		43
10-11 August	IEM TC	CIDB	Course	The Use of Eurocodes for the Design of Concrete Bridges	Wisma IEM	Mr Chris Hendy	80
11 August	Environmental		Seminar	Half Day Seminar on EIA	Wisma IEM	Various Presenters	47
12 August	Mechanical		Talk	Talk on Noise Prevention in Factories	Wisma IEM	Mr Gan Chun Ghet	33
12 August	High & Trans		Visit	Technical Visit to Transport Management Centre	Sri Kembangan, K. Lumpur		31
13 August	B Services		Course	Half Day Course on CCTV Technology - An Integral Part of Good Security System	Wisma IEM	Mr Chon Kokyu, Edmond	25
14 August	W Resources		Talk	Accounting for Effects of Non Point Source Pollution in Water Quality Preservation	Wisma IEM	Ir. Zaki Zainuddin	12



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15 August	B Services		Meeting	23rd Annual General Meeting	Wisma IEM		53
15 August	B Services		Course	Half Day Course on 1. Photovoltaic: Application and Sizing Technique 2. Towards a Greener Building	Wisma IEM	Dr. Chong Kok Keong and Ir. KB Lim	63
17 August	Mechanical		Talk	Talk on Power Generation Technologies	Wisma IEM	Ir. Fam Yew Hin	58
17 August	Project Management		Forum	Forum on Relevancy of Project Management Consultancy	Wisma IEM	Various Panel Speakers	50
18 August	CESIG	Penang Branch	Talk	Mitigation and Rehabilitation of Slope Failures in Malaysia and Roadshow on Consulting Engineering Practice (ECP)	Penang Branch Office, Penang	Ir. Dr. Ooi Teik Aun	52
18 August	ITSIG		Talk	Talk on The Impact of Virtualization on Your Business	Wisma IEM	Mr. Kenny Lim	28
19 August	B Services		Course	Half Day Course on Introduction to LPG Pipe Gas Installation & Supply	Wisma IEM	Dr. Sue Chew	43
21 August	Civil & Struct	I Struct E	Talk	Talk on Our Value to Society in Changing, Competitive World	Wisma IEM	Dr. Graham Owens	65
27 August	Welfare	SIEAMM	Talk	Talk on Essence of Tea for Health	Wisma IEM	Ir. Liew Choon Kong	30
3 September	Mechanical		Talk	Talk on Concept and Feasibility of Co-Generations in Malaysia for the Private Sectors	Wisma IEM	Ir. Dr. Phillip Tan Ah Kow	25
6-8 September	Chemical		Study Tour	CETD Study Tour to Bintulu, Sarawak	Bintulu, Sarawak		postponed
10 September	B Services		Talk	Evening Talk on "Chilled Beams"	Wisma IEM	Mr. Max Missbichler	45
9-13 September	Project Management		Visit	Technical Tour to China	Beijing, China		20
12 September	Tunnelling		Talk	Talk on Training Water Transfer Tunnel, Jelebu	Wisma IEM	Ir. Lee Loong Tat	55
23-24 September	Civil & Struct		Course	Two Day Course on Earthquake Resistant Design and Analysis of Buildings and Structures	Armada Hotel, P. Jaya	Prof Nelson Lam	85
29 September	ITSIG	SIEAMM	Talk	Talk on Blue Ocean Strategy	Wisma IEM	Mr Victor Foo	60
30 September	Civil & Struct		Talk	Talk on Electrical Power Transmission Structure	Wisma IEM	Ir. Shan Suleiman	77
1 October	Mechanical	IEM TC	Seminar	Engineering Economic & Financial Concepts	Wisma IEM	Ir. Dr. Phillip Tan	33
3 October	Chemical		Workshop	Half Day Workshop : How to Design Water Recovery Network for a Process Plant	Wisma IEM	Assoc Prof Ir. Dr. Dominic CY Foo	20
5 October	B Services		Course	One Day Course on Insurer Expectations of Fire Protection Systems in Semiconductor Plant	Wisma IEM	Ir. Gary Lim	25
6 October	Electrical		Talk	Talk on Extension of Electrical Equipment Asset Life Cycle Trough Reliability Methodologies and Recommended Maintenance Strategies	Wisma IEM	Ir. Lam Sing Yew	37
6 October	B Services		Course	Half Day Course on the Right Way to Select, Operate and Maintain Pumps	Wisma IEM	Mr. Max Chiaw	45



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7 October	Eng Education		Talk	Virtual Lab in Engineering Education	Wisma IEM	Ir. B Balamuralithara	30
7 October	Geotechnical		Talk	Sustainable Geotechnics Via InSitu Soil Reutilisation	Wisma IEM	Dr. Chee-Ming Chan	36
9 October	W Resources		Talk	Climate Change - What you need to know	Wisma IEM	En. Jailan Simon	48
10 October	Agri & Food		Visit	Technical Visit to Boilermach Sdn Bhd	Subang Jaya		postponed
10 October	Chemical		Talk	Emerging Technologies to Monetize Small Natural Gas Resources	Wisma IEM	Ir. Dr Chan Tuck Leong	36
10 October	Chemical		Meeting	23rd Annual General Meeting	Wisma IEM		33
10 October	High & Trans		Talk	Traffic Safety for Vulnerable Road Users	Wisma IEM	Prof Dr. Ahmad Farhan Mohd Sadullah	59
10 October	High & Trans		Meeting	18th Annual General Meeting	Wisma IEM		44
10 October	CESIG	Southern Branch	Talk	Mitigation and Rehabilitation of Slope Failures in Malaysia and Raod Show on Consulting Engineering Practice (ECP)	UTM, Skudai	Ir. Dr. Ooi Teik Aun, Ir. MC Hee	postponed
10-11 October	PPC	MI Arbs	Course	The Membership Upgrade Course	MI Arb Office	Various Course Presenters	32
12 October	W Resources		Talk	Talk on Physical Hydraulic Model Investigation and Associated Design for Re-Regulating Pond Pergau Hydroelectric Scheme	Wisma IEM	Mr. Jansen Luis Luis Alexander	40
13 October	B Services		Talk	Good Designing of Sanitary Fixtures, Era of Green Movement - Installation and Maintenance	Wisma IEM	Ms Sharifah Suzana Simmonds	15
14 October	Agri & Food		Visit	Technical Visit to Boilermach Sdn Bhd	Klang		postponed
14 October	Civil & Struct		Seminar	One Day Seminar on Adopting Eurocodes EC0, EC1 and EC2 in Malaysia	Armada Hotel, P. Jaya	Various Speakers	161
14 October	Tunnelling		Visit	Visit to C905 MRT Project Site, S'pore			10
15 October	Environmental		Seminar	Half Day Seminar on "Safety and Health Aspects of Demolition Works"	Wisma IEM	Ir. Nazaruddin bin mat Ali and Ir. Hj Look Keman Sahari	24
15 October	Mechanical	Penang Branch	Seminar	Cooling The Future	IEM Penang	Ir. Jack W.L. Chan, Ir. Chan Jian Wen, Ir. Angeline Tan, Ir. Lum Youk Lee	63
16 October	W Resources		Talk	Pahang-Selangor Raw Water Transfer Project	Wisma IEM	Ir. Dr Zullkeffe Nordin	63
19 October	Tunnelling		Talk	Double Track Project on Bukit Larut and Bukit Berapit, Drill and Blast Tunnel	Wisma IEM	Ir. Andrew Yeow	40
20 October	B Services		Course	Half Day Course on Air Blown Fibre Technology	Armada Hotel, P. Jaya	Mr Stephen G Foster	32
20 October	CESIG		Talk	Industry Building Systems (IBS) Implementation in Government Projects	Wisma IEM	Mr Rozaiman Hassan	46





EVENT	ORGANISED BY / SUPPORTED BY	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
21 October	B Services		Course	Half Day Course on Air Blown Fibre Technology	Armada Hotel, P. Jaya	Mr. Stephen G Foster	postponed
21 October	W Resources		Talk	Talk on Assessing the Viability of Increasing the Energy Output From Sultan Mahmud Power Station, Kenyir	Wisma IEM	Dr. Foon Shyong Wai and En. Mohd Rashid bin Mohd Radzi	cancelled
21 October	W Resources		Talk	Talk on Water Resources Modelling Using HEC - Ressim	Wisma IEM	Ir. Lim Sin Poh	40
22-24 October	Project Management		Course	A 5 Day Certification Course on PMP Exam Prep Boot Camp	Wisma IEM	Ir. Frankie Chong	18
22 October	Welfare	Ladies Sub Committee	Dialogue session	Challenges of Women Engineers in the Industry	SCET-MICET, UniKL, Alor Gajah, Melaka		86
23 October	Welfare		Gathering	Engineer-Mentor Circle (EMC) meeting	IEM		4
23 October	Manufacturing		Visit	Technical Visit to German- Malaysia Institute	Kajang, Selangor		postponed
23 October	Envornmental	B Services	Seminar	Seminar on HVAC Design in Controlled Healthcare Environment	Sunway Resort Hotel & Spa, Sunway	Various Speakers	21
24 October	Agri & Food		Visit	Technical Visit to PMT - Phoenix Industries Sdn Bhd	Shah Alam, Selangor		13
24 October	Mechanical		Talk	Talk on How to Improve your Engineering Consultancy Selling Skills	Wisma IEM	Ir. Dr Chong Chienn Fatt	78
24 October	Mechanical		Meeting	24th Annual General Meeting	Wisma IEM		50
24 October	Mechanical		Social	METD Networking and IEM Building Fund Raising Lunch 2009	Armada Hotel, P Jaya		168
26 October	Agri & Food		Talk	Talk on Green Packaging	Wisma IEM	Dr. Lee Siew Yooong	20
27 October	Electrical		Seminar	One Day Seminar on PF Capacitor and Automatic Transfer Switch	Wisma IEM	Mr. Kazutaka Toyoshima and Mr. Jeffrey Ng	16
28 October	W Resources		Visit	Technical Visit to Stormwater Management and Road Tunnel (SMART)	Kg Berembang, Jln Ampang		27
28-29 October	B Services		Course	Two Day Course on Plumbing Engineering Services	Wisma IEM	Ir. Gary Lim Eng Hwa	66
29 October	Civil & Struct		Seminar	One Day Seminar on Adopting Eurocodes EC0, EC1 and EC2 in Malaysia	Evergreen Laurel Hotel, Penang	Various Speakers	101
29 October	ITSIG		Talk	Talk on Cyber Treats - Mitigation Through International Collaborations	Wisma IEM	En. Azhar bin Abu Bakar	31
30 October	Mechanical		Talk	Talk on Fire Safe Pipe Installation	Wisma IEM	Mr. Alexander Wardhana	22



EVENT	ORGANISED BY / SUPPORTED BY	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
31 October	Agri & Food		Visit	Technical Visit to GEA Mechanical Separation/GEA Westfalia Separator (Malaysia) Sdn Bhd	P. Jaya		21
31 October	Environmental		Visit	Technical Visit to Healthcare Linen & Laundry Facility and Clinical Waste Incinerator at Teluk Panglima Garang (Banting)	Teluk Panglima Garang, Banting		23
31 October	PPC	MI Arb and PAM	Course	Short Course on Arbitration Part 1 Development of Arbitration in IEM Part 2 IEM Arbitration Rules (2003) Special Features for Promoting Efficiency on Time and Cost	Wisma IEM	Ir. Khoo Choong Keow	66
2-3 November	CESIG	CIDB, IEM TC	Workshop and Exhibition	Workshop and Exhibition on Engineering A Sustainable Economic Development Model for Malaysia	Holiday Villa Hotel, Subang Jaya	Various Paper Presenters	174
4 November	Mechanical		Talk	Talk on "Understanding the Principles of Ethical Decision Making in Engineering"	Wisma IEM	Ir. Dr Chong Chien Fatt	24
5 November	Civil & Struct		Talk	Talk on Status of Worldwide Applications of Seismic Rubber Bearings for The Protection of Structures from Earthquake	Wisma IEM	Prof J M Kelly	0
5 November	Civil & Struct		Talk	Talk on Status of Worldwide Applications of Seismic Rubber Bearings for The Protection of Structures from Earthquake	Wisma IEM	Dr. Kamarudin Ab Malek	76
5-6 November	Civil & Struct		Seminar	Forensic Engineering for Civil, Structural and Geotechnical Engineers - Technical & Legal Issues	Cititel Hotel, Penang	Various Speakers	51
5-6 November	Project Management		Course	A 5 Day Certification Course on PMP Exam Prep Boot Camp	Wisma IEM	Ir. Frankie Chong	18
7 November	Geotechnical	Eng Alumni Assoc of UM	Launching	Opening and Naming of the IEM Auditorium	Wisma IEM		150
7 November	Geotechnical	Eng Alumni Assoc of UM	Lecture	19th Tan Sri Prof Chin Fung Kee Memorial Lecture : Geotechnical Failures/issues, Dispute Resolution and Mitigation	Wisma IEM	Ir. Dr Ooi Teik Aun	144
10 November	Activities	CIDB	Conference	2nd Malaysian Construction Summit 2009 - Construction Industry - Catalyst for Economic Growth	Sunway Pyramid Convention Centre, Bandar Sunway	Various Paper Presenters	250
10 November	Eng Education	SIEAMM	Talk	Talk on Performance Management	Wisma IEM	Dr. David Franklin	57
12 November	Civil & Struct		Seminar	One Day Seminar on Adopting Eurocodes EC0, EC1 and EC2 in Malaysia	Puteri Pacific Hotel, Johor Bahru	Various Speakers	73
14 November	Agri & Food		Visit	Technical Visit to Boilermech Sdn Bhd	Subang Jaya	Ir. Teh Tzyy Wooi	14
16 November	Civil & Struct		Talk	Talk on Membina Jejambat Menyambungkan Jalan Dewan Bahasa - Jalan Hang Tuah	Wisma IEM		52
16 November	Electrical	TNB	Joint Forum	IEM/TNB Forum on Electrical Issues	Wisma TNB		56



EVENT	ORGANISED BY / SUPPORTED BY	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
16 November	Project Management		Seminar	Half Day Seminar on Value Management in Construction Project	Wisma IEM	Assoc Prof Sr Mohd Mazlan bin Haj Che Mat	20
16 November	Chemical		Talk	Talk on Intellectual Property	Wisma IEM	Ir. Dr Abdul Azia Abdul Raman	27
17 November	Welfare		Talk	Talk on "Man's Health UNZIP"	Wisma IEM	Assoc Prof George Lee Eng Geap	22
17 November	IT SIG		Talk	Talk on Application on Wireless Sensor Network in Security System	Wisma IEM	Mr. SH Tan	17
18 November	Eng Education		Visit	Technical Visit to Cameron Highlands Hydro Power Scheme	Cameron Highlands		20
19 November	Electronic	Electrical	Course	1 Day Technical Course on Green Technology & System-On-Chip, SOC	Evergreen Laurel Hotel, Penang	Various Presenters from Taiwan and Malaysia	90
19 November	Mechanical		Talk	Talk on Aerodynamics of Car Disc Brake	Wisma IEM	Ir. Kannan M Munisamy	15
20 November	Civil & Struct		Talk	Talk on The Dubai LRT Viaduct Design and Construction	Wisma IEM	Mr. Nigel Hewson	101
20 November	CESIG	Sarawak Branch	Talk	Repeat of 19th Prof Chin Fung Kee Lecture on Geotechnical Failures/Issues, Dispute Resolution and Mitigation and Roadshow on Consulting	Harbour View Hotel, Kuching	Ir. Dr Ooi Teik Aun	50
21 November	CESIG	Sabah Branch	Talk	Repeat of 19th Prof Chin Fung Kee Lecture on Geotechnical Failures/Issues, Dispute Resolution and Mitigation and Roadshow on Consulting	IEM Sabah Branch Office, Kota Kinabalu, Sabah	Ir. Dr Ooi Teik Aun	80
21 November	Oil Gas & Mining		Meeting	19th Annual General Meeting	Wisma IEM		36
21 November	Oil, Gas & Mining		Talk	Talk on Maximising Value Creation Through Improvement Programme	Wisma IEM	En M Taufik bin Mohhtar	35
21 November	Manufacturing		Visit	Technical Visit to Besout Palm Oil Mill, FELDA Palm Industries	Sungkai, Perak		12
24 November	Chemical		Talk	Ecotowns for Asia	Wisma IEM	Mr. Joe Eades	23
24 November	Mechanical		Talk	Talk on Successful Engineering Negotiation Skills	Wisma IEM	Ir. Dr Chong Chien Fatt	38
25 November	Geotechnical		Talk	Talk on Micropiles - Design and Construction Case Histories	Wisma IEM	Ir. Neoh Cheng Aik	105
25- 26 November	Project Management		Course	Two Day Course on Project Management and Six Sigma	Wisma IEM	Mr. Selvenatharan Muniandy	31
30 November - 2 December	Activities	IES	Conference	27th CAFEO - Engineering for Sustainable Environment	Suntec City Convention Centre, Singapore	Various Paper Presenters	250
1 December	B Services		Talk	Talk on Harmonics and Its Mitigation Techniques	Wisma IEM	Mr. Gopal Kanani	48



EVENT	ORGANISED BY / SUPPORTED BY	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
1 December	Chemical		Talk	Cleaner Production for Process Industries	Wisma IEM	Ir. Dr Abdul Aziz Abdul Raman	10
1-2 December	Electrical	ILSAS	Course	Two-Day Course on Electrical Safety in Hazardous Atmosphere	TNB Integrated Learning Solutions, ILSAS, Bangi	Ir. Ali Askar bin Sher Mohamad	45
2 December	IT SIG		Talk	Talk on Digital Forensics - Finding a Needle in a Haystack	Wisma IEM	En. Razana Md Salleh and Mohamad Firham Efendy Md Senan	33
5 December	PI Board		Workshop	Professional Interview Workshop	Wisma IEM	Ir. Ishak A Rahman, Ir. Dr Muhd Fuad, Ir. Gopal. N Kutty, Ir. Juares Rizal	106
7 December	Geotechnical		Talk	Application of Explosive Compaction of Granular Soils and InSitu Liquefaction testing using Sequential Blasting	Wisma IEM	Dr. Blair Gohl	40
7 December	Geotechnical		Talk	Ground Freezing For Shield Tunnel Launch and Arrival	Wisma IEM	Mr Wu Chien Min	30
10 December	Electrical		Talk	An Evening Talk on The Electricity Supply Industry, 60 years on	Wisma IEM	Ir. Rocky HT Wong	35
14 December	Electrical		Talk	Talk on Evolution of Telecommunication in the Eco Systems Framework	Wisma IEM	Dr. Roberto Saracco	23
15 December	Geotechnical		Talk	Seismic Hazard Assessment considering Geotechnical Conditions for Earthquake Resistant Design of Structures in Malaysia	Wisma IEM	Prof Dr. Azlan Adnan	66
16 December	Mechanical		Talk	Talk on From ISO to TQM/Six Sigma	Wisma IEM	Ir. Dr. Chong Chien Fatt	41
16-17 December	Mechanical		Forum	Two Day Exhibition cum Forum and Technical Talks on Industrialised Building System (IBS) with the theme on The Current Trend of Air- Conditioning and Mechanical Ventilation (ACMV) Systems	Wisma IEM	Various panelists	60
19 December	Tunnelling		Talk	Mechanized Tunnelling in Difficult Condition - The PRISNG Tunnel Experience	Wisma IEM	Mr. Riccardo Perio	cancelled
19 December	CESIG	Southern Branch	Talk	Repeat of 19th Prof Chin Fung Kee Lecture on Geotechnical Failures/Issues, Dispute Resolution and Mitigation and Roadshow on Consulting	UTM Skudai, Johor Bahru	Ir. Dr Ooi Teik Aun	30
21 December	Geotechnical		Talk	Talk on Assessment of Defect Properties and Its Application In Rock Engineering	Wisma IEM	Dr. Mogana Sundaram	18
21 December	W Resources		Talk	Talk on General Guidelines and Procedures in Rainfall-Runoff Analysis for Engineering Application	Wisma IEM	Ir. Yong Siew Fang	36
22 December	Electrical		Talk	An Evening Talk on Managing Electricity Expenditure Via Electrical Energy Management for Electrical Equipment Asset Class	Wisma IEM	Ir. Lam Sing Yew	36
28 December	Tunnelling		Talk	Metro Line 4 - Phase I, the Past & Future of Metro Construction in Budapest			25
30 December	Mechanical		Talk	Talk on "Self Motivation for Engineers"	Wisma IEM	Dr. Chong Chien Fatt	41



**Honorary Treasurer's Report**

1. The 2009 fiscal Statement of Accounts and the Balance Sheet of the Institution are as presented. The accounts are maintained by the Standing Committee on Finance to which the Hon. Treasurer is the Secretary.
2. The total income for year 2009 is RM4,179,495 which is RM309,160 more than that of year 2008 due mainly to the rental collected from the new building and increase in membership. The main sources of income were annual subscriptions amounting to RM2,460,621, rental RM1,232,958, Income from secretariat services RM59,978, income from credit cards RM102,221, and income from Technical Divisions' activities amounting to RM111,815. IEM received a grant from MIDA amounting to RM472,100 to conduct the Outreach Programme on Exporting of Engineering Services and another RM1,000,000 for the upgrading of the IEM IT facilities to a web portal. To date, MIDA had issued payment of 50% of the total sum.
3. The total expenditure of the Institution was RM4,287,341, which was RM230,888 more than that of year 2008. The main expenditure items were personnel emoluments RM1,630,983, administrative expenses RM729,562, maintenance of Bangunan Ingenieur (including utilities) RM169,596, repairs and maintenance of Wisma IEM RM108,271, term loan interest RM600,690 and Branch Subsidies RM267,149.
4. The Institution, like other similar organizations, 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.

.....  
**Ir. Tan Yean Chin**  
**Hon Treasurer**

Kuala Lumpur,

Date: 16 March 2010

**Honorary Internal Auditor's Report**

We have examined the Balance Sheet as at 31st December 2009, the Income and Expenditure Account together with Notes on the Accounts set out on pages 134 to 147, accounting and other records.

We certify that they give a true and fair view of the state of affairs and the results of the Institution's operations for the year ended on that date.

.....  
**Ir. Awangku Hidup Bin Awangku Hosain**  
**Honorary Internal Auditor**

.....  
**Ir. Lee Eng Choy**  
**Honorary Internal Auditor**



**Balance sheet at 31 December 2009**

	Note	2009 RM	2008 RM
<b>Property, plant and equipment</b>	3	15,648,418	15,619,516
<b>Investment in subsidiary</b>	4	100,002	100,002
<b>Current assets</b>			
Other receivables, deposits and prepayments		877,590	705,348
Amount due from subsidiary		-	7,862
Subscription in arrears		431,676	383,912
Tax recoverable		14,578	-
Cash and cash equivalents	5	4,328,916	4,120,305
		5,652,760	5,217,427
<b>Current liabilities</b>			
Other payables	6	3,559,402	3,008,196
Amount due to subsidiary		63,331	-
Subscription in advance		133,282	189,575
Taxation		-	52,676
Borrowings	11	643,264	631,230
		4,399,279	3,881,677
<b>Net current assets</b>		1,253,481	1,335,750
		17,001,901	17,055,268
<b>Financed by:</b>			
Accumulated fund	7	3,273,676	3,340,168
Capital reserve fund	8	1,867,405	1,646,610
Library fund	9	438,291	413,858
Building fund	10	1,053,880	643,151
		6,633,252	6,043,787
<b>Long term liabilities</b>			
Borrowings	11	10,368,649	11,011,481
		17,001,901	17,055,268

The notes on pages 134 to 145 are an integral part of these financial statements.

	Note	2009 RM	2008 RM
<b>Income</b>			
Members' subscription fees		2,460,621	2,249,021
Seminar and conference income		19,637	11,730
Sales of publications		4,577	7,155
Rental income		1,232,958	1,016,863
Interest income		25,775	53,909
Subscriptions recovered		40,465	40,585
Membership reinstatement fees		4,300	3,800
Miscellaneous income			
- Credit cards commission		102,221	90,286
- Arbitration processing fees		3,000	4,000
- Arbitration levy		11,385	14,904
- Others		142,398	138,323
- Grant		132,158	-
		4,179,495	3,630,576



**Less: Expenditure**

Personnel emoluments and benefits	12	(1,630,983)	(1,481,482)
Administrative expenses	13	(729,562)	(927,573)
Branch subsidies	14	(267,149)	(253,700)
Inter-society activities	15	(11,311)	(10,825)
Bangunan Ingenieur	16	(169,596)	(102,140)
Wisma IEM	17	(108,271)	(110,842)
Subscription in arrears written off		(241,127)	(222,413)
Depreciation of property, plant and equipment		(413,156)	(401,922)
Term Loan Interest		(600,690)	(545,556)

(4,171,845) (4,056,453)

**(Deficit)/Surplus from institutional services**

18 (115,496) 239,759

**Deficit before taxation**

(107,846) (186,118)

Tax expense

19 41,354 (41,354)

**Net deficit for the year**

7 (66,492) (227,472)

The notes on pages 134 to 145 are an integral part of these financial statements.

**Cash flow statement for the year ended 31 December 2009**

	<b>2009</b>	<b>2008</b>
	<b>RM</b>	<b>RM</b>
<b>Cash flows from operating activities</b>		
Deficit before taxation	(107,846)	(186,118)
Adjustment for:		
Depreciation of property, plant and equipment	413,156	401,922
Finance costs	600,690	545,556
Interest income	(25,775)	(53,909)
<b>Operating surplus before changes in working capital</b>	<b>880,225</b>	<b>707,451</b>
Changes in working capital:		
Other receivables, deposits and prepayments	(172,242)	(188,151)
Subscription in arrears	(47,764)	(74,297)
Other payables	622,399	190,344
Amount due to Education Fund	-	(43,285)
Subscription in advance	(56,293)	67,229
Cash generated from operations	1,226,325	659,291
Income taxes paid	(25,900)	(51,927)
Interest paid	(600,690)	(545,556)
<b>Net cash generated from operating activities</b>	<b>599,735</b>	<b>61,808</b>
<b>Cash flows from investing activities</b>		
Interest received	25,775	53,909
Purchase of property, plant and equipment	(442,058)	(33,350)
<b>Net cash (used in)/generated from investing activities</b>	<b>(416,283)</b>	<b>20,559</b>
<b>Cash flows from financing activities</b>		
Repayment of borrowings	(630,798)	(551,278)
Entrance and transfer fees received	220,795	214,795
Donations received	435,162	421,841
<b>Net cash generated from financing activities</b>	<b>25,159</b>	<b>85,358</b>
<b>Net increase in cash and cash equivalents</b>	<b>208,611</b>	<b>167,725</b>
<b>Cash and cash equivalents at beginning of year</b>	<b>4,120,305</b>	<b>3,952,580</b>
<b>Cash and cash equivalents at end of year</b>	<b>4,328,916</b>	<b>4,120,305</b>



**Cash and cash equivalents comprise:**

Fixed deposits with licensed banks	1,990,673	2,720,478
Cash and bank balances	2,491,768	1,564,706
Less: Bank balances held in trust	(153,525)	(164,879)

	<b>4,328,916</b>	<b>4,120,305</b>
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**Notes to the financial statements**

The Institution of Engineers, Malaysia is a society registered under the Societies Act, 1966 and domiciled in Malaysia. The address of the principal place of business of the Institution is as follows:

**Principal place of business:**

Bangunan Ingenieur, Lot 60/62  
Jalan 52/4 Peti Surat 223 (Jalan Sultan)  
46720 Petaling Jaya  
Selangor Darul Ehsan

The financial statements were approved and authorised for issue by the Council of the Institution on 15 March 2010.

**1. Principal activity**

The principal activity of the Institution is to promote and advance the science and profession of all aspects of engineering. There has been no significant change in the nature of this activity during the year.

**2. Significant accounting policies**

The following accounting policies are adopted by the Institution and are consistent with those adopted in previous years.

**(a) Basis of preparation**

The financial statements of the Institution are prepared on the historical cost basis and in compliance with accounting policies adopted by the Institution.

**(b) Property, plant and equipment**

Freehold land is stated at cost. All other property, plant and equipment are stated at cost less accumulated depreciation.

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.

**Depreciation**

Freehold land is not amortised. The straight-line method is used to depreciate the cost of the other assets over the term of their estimated useful lives at the following principal annual rates:

Freehold buildings	2%
Leasehold land and buildings	2%
Furniture and fittings	5% - 20%
Office equipments	10%
Library books	10%
Building renovation	5%

**(c) Investment in subsidiary**

Subsidiaries are entities, including unincorporated entities, controlled by the Institution. Control exists when the Institution 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.

Results from subsidiary are not consolidated into the financial statements of the Institution.

Investment in subsidiary is stated in the Institution's balance sheet at cost less any impairment losses.

**(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 cash equivalents**

Cash and cash equivalents consist of cash on hand, balances and deposits with banks and highly liquid investments which have an insignificant risk of changes in 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 the 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 substantially 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 goodwill not 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 realisation or settlement of the carrying amount of assets and liabilities, using tax rates enacted or substantially enacted at the balance sheet date.

Deferred tax liability is recognised for all 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 the asset can be utilised.

**(j) Capital reserve fund**

Entrance and transfer fees received from members are capitalised as Capital Reserve Fund.

**(k) Library fund**

Enrollment fees received from corporate members for library membership of the Institution and donations received from members or non-members for the library are capitalised as Library Fund.

**(l) Building fund**

Fund raised from members for the purchase of property, plant and equipment are capitalised as Building Fund.

**(m) 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 Bulletin/Journal**

Advertisement income receivable for the placement of advertisement in bulletin/journal published by the Institution is recognised when the right to receive payment is established.

**iii) Rental income**

Rental income is recognised when the right to receive payment is established.

**iv) Credit cards commission**

Credit cards commission from the banks is 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.



**3. Property, plant and equipment**

	Freehold land RM	Freehold buildings RM	Leasehold land and buildings RM	Furniture and fittings RM	Office equipment RM	Library books RM	Building renovation RM	Total RM
<b>Cost</b>								
At 1 January 2009	234,279	468,557	15,285,746	215,059	1,375,429	318,996	375,515	18,273,581
Additions	-	-	-	50,820	59,606	-	331,632	442,058
At 31 December 2008	234,279	468,557	15,285,746	265,879	1,435,035	318,996	707,147	18,715,639
<b>Depreciation</b>								
At 1 January 2009	-	80,206	744,920	181,788	1,051,851	309,998	285,302	2,654,065
Charge for the year	-	9,372	297,003	5,332	72,769	4,250	24,430	413,156
At 31 December 2009	-	89,578	1,041,923	187,120	1,124,620	314,248	309,732	3,067,221
<b>Net book value</b>								
At 31 December 2009	234,279	378,979	14,243,823	78,759	310,415	4,748	397,415	15,648,418
At 31 December 2008	234,279	388,351	14,540,826	33,271	323,578	8,998	90,213	15,619,516
Depreciation charge for the year ended 31 December 2008	-	9,371	297,003	3,204	68,921	5,762	17,661	401,922

At year end, the document of title in respect of properties with an aggregate net book value of RM980,733 (2008: RM993,641) has yet to be issued by the authorities.

Included in leasehold land and buildings is a property with net book value of RM13,355,579 (2008: RM13,634,790) which has been pledged to a licensed bank as security for the term loan facility granted to the Institution as mentioned in Note 11.

**4. Investment in subsidiary**

	2009 RM	2008 RM		
Unquoted shares, at cost	100,002	100,002		
Details of investment in subsidiary are as follows:				
Name of Subsidiary	Principal Activities	Country of Incorporation	Effective ownership interest 2009 %	Effective ownership interest 2008 %
IEM Training Centre Sdn. Bhd.	Organising conferences and seminars	Malaysia	100	100

The shareholders' fund of IEM Training Centre Sdn. Bhd. as at 31 December 2009 is RM562,827 (2008: RM440,212) as per its management accounts which are currently being audited.

The financial statements of the Institution do not include the results of its subsidiary.

**5. Cash and cash equivalents**

	2009 RM	2008 RM
Fixed deposits with licensed banks	1,990,673	2,720,478
Cash and bank balances	2,491,768	1,564,706
	4,482,441	4,285,184
Less: Bank balances held in trust	(153,525)	(164,879)
	4,328,916	4,120,305

Included in fixed deposits with licensed banks and cash and bank balances are RM753,800 (2008: RM745,651) and RM124,102 (2008: RM202,737) respectively held for arbitration cases.



**6. Other payables**

	<b>2009</b>	<b>2008</b>
	<b>RM</b>	<b>RM</b>
Other payables	1,111,580	566,929
Deposits refundable	853,858	868,165
Amount due to Education Fund	1,593,964	1,573,102
	<b>3,559,402</b>	<b>3,008,196</b>

The advance from Education Fund is unsecured, interest free and is repayable on demand.

**7. Accumulated fund**

	<b>2009</b>	<b>2008</b>
	<b>RM</b>	<b>RM</b>
Opening balance	3,340,168	3,567,640
Net deficit for the year	(66,492)	(227,472)
Closing balance	<b>3,273,676</b>	<b>3,340,168</b>

**8. Capital reserve fund**

	<b>2009</b>	<b>2008</b>
	<b>RM</b>	<b>RM</b>
Opening balance	1,646,610	1,431,815
Entrance and transfer fees capitalised	220,795	214,795
Closing balance	<b>1,867,405</b>	<b>1,646,610</b>

**9. Library fund**

	<b>2009</b>	<b>2008</b>
	<b>RM</b>	<b>RM</b>
Opening balance	413,858	382,718
Enrollment fees and donations received	24,433	31,140
Closing balance	<b>438,291</b>	<b>413,858</b>

**10. Building fund**

	<b>2009</b>	<b>2008</b>
	<b>RM</b>	<b>RM</b>
Opening balance	643,151	252,450
Donation received	410,729	390,701
Closing balance	<b>1,053,880</b>	<b>643,151</b>

**11. Borrowings**

	<b>2009</b>	<b>2008</b>
	<b>RM</b>	<b>RM</b>
Current		
Term loan - secured	643,264	631,230
Non-current		
Term loan - secured	10,368,649	11,011,481
	<b>11,011,913</b>	<b>11,642,711</b>

**Security**

The term loan is secured by a fixed charge over a leasehold property with a net book value of RM13,355,579 (2008: RM13,634,790) as mentioned in Note 3.



The term loan of the Institution is subject to interest at Base Lending Rate ("BLR") – 2.5% p.a. for the 1st year, BLR + 0.00% p.a. for the second year and BLR + 0.75% p.a. thereafter. At the balance sheet date, BLR stood at 5.55% p.a (2008: 6.5% p.a).

The term loan is repayable over 180 monthly instalments commencing from January 2008.

**12. Personnel emoluments and benefits**

	<b>2009</b>	<b>2008</b>
	<b>RM</b>	<b>RM</b>
These represent expenses incurred in relation to:		
Salaries and wages	(1,196,998)	(1,061,910)
Staff allowance and ex-gratia	(162,539)	(162,444)
Staff trips	-	(18,830)
Overtime	(61,597)	(49,200)
EPF and SOCSO contributions	(188,820)	(172,646)
Staff uniform	(3,334)	-
Medical expenses	(7,664)	(6,164)
Staff insurance	(7,160)	(5,008)
Staff training	(2,371)	(4,390)
Long service award	(500)	-
Staff incentives	-	(890)
	<b>(1,630,983)</b>	<b>(1,481,482)</b>

**13. Administrative expenses**

	<b>2009</b>	<b>2008</b>
	<b>RM</b>	<b>RM</b>
These represent expenses incurred in relation to:		
Credit card charges	(16,167)	(19,070)
Advertisement	(6,060)	(5,130)
Insurance	(6,264)	(6,061)
Office expenses	(4,367)	(2,036)
Annual general meeting	(6,424)	(10,129)
Office printing and stationery	(132,983)	(128,652)
Transport and traveling	(74,999)	(57,613)
Office equipment maintenance	(7,925)	(10,777)
Bank charges	(6,408)	(8,061)
Accountancy fee	(27,500)	(26,000)
Auditors' remuneration	(17,000)	(17,000)
Tax service fee	(8,963)	(1,160)
Office cleaning and maintenance	-	(25,888)
Balloting expenses	(11,196)	(7,873)
Mailing services	(29,824)	(22,882)
Telephone, fax and internet expenses	(67,778)	(57,834)
Postages	(263,380)	(237,192)
Legal and professional fees	(4,213)	(6,390)
Miscellaneous	(15,567)	(15,684)
Rental of ISM premises	(22,544)	(38,647)
Allowance for doubtful debts	-	(223,494)
	<b>(729,562)</b>	<b>(927,573)</b>



**14. Branch subsidies**

	<b>2008 RM</b>	<b>2007 RM</b>
These represent subsidies given to the following branches:		
Negeri Sembilan branch	(10,581)	(6,300)
Penang branch	(28,970)	(27,750)
Southern branch	(39,111)	(38,100)
Eastern branch	(9,380)	(10,950)
Perak branch	(20,937)	(19,450)
Malacca branch	(8,189)	(6,900)
Sarawak branch	(61,464)	(60,750)
Sabah branch	(45,036)	(43,600)
Miri branch	(18,054)	(18,500)
Kedah/Perlis branch	(16,865)	(14,600)
Terengganu branch	(8,562)	(6,800)
	<b>(267,149)</b>	<b>(253,700)</b>

These regional branches are registered with Registrar of Societies and file their annual returns separately. Therefore, amalgamation of branches' accounts are not applicable.

**15. Inter-society activities**

	<b>2009 RM</b>	<b>2008 RM</b>
These represent subscriptions incurred in relation to:		
Malaysian Structural Steel Association (MSSA)	(1,000)	(1,000)
Balai Ikhtisas Malaysia (BIM)	(1,500)	(3,000)
World Federation of Engineering Organisations (WFEO)	(2,591)	(2,573)
ASEAN Federation of Engineering Organisation (AFEO)	-	(710)
Federation of Engineering Institution of Islamic Countries (FEIIC)	(1,759)	(1,710)
Confederation of Scientific and Technological Association Malaysia (COSTAM)	(100)	(100)
Federation of Engineering Institutions of Asia and the Pacific (FEIAP)	(2,811)	(1,401)
Asia Pacific Confederation of Chemical Engineers (APPChE)	-	-
Eastern Regional Organization for Planning and Human Settlements (EAROPH)	-	(281)
Construction Research Institute of Malaysia (CREAM)	(50)	(50)
Energy Council of Malaysia (ECOM)	(1,500)	-
	<b>(11,311)</b>	<b>(10,825)</b>

**16. Bangunan Ingenieur**

	<b>2009 RM</b>	<b>2008 RM</b>
These represent expenses incurred in relation to:		
Licence fee	(260)	(303)
Quit rent and assessment	(16,217)	(16,217)
Insurance	(3,229)	(3,091)
Building repairs and maintenance	(70,949)	(18,817)
Utilities	(78,941)	(63,712)
	<b>(169,596)</b>	<b>(102,140)</b>

**17. Wisma IEM**

	<b>2009 RM</b>	<b>2008 RM</b>
These represent expenses incurred in relation to:		
Licence fee	(438)	-
Quit rent and assessment	(31,501)	(33,240)
Insurance	(10,958)	(6,151)
Building repairs and maintenance	(44,291)	(63,678)
Utilities	(21,083)	(7,773)
	<b>(108,271)</b>	<b>(110,842)</b>



**18. (Deficit)/Surplus from institutional services**

	Note	2009 RM	2008 RM
These represent surplus/(deficit) from the following:			
Council		(11,033)	(14,832)
Executive committee		(11,524)	(6,568)
Standing committee on:			
- Activities	20	(13,759)	39,341
- Qualifications and admission	21	(37,220)	(8,253)
- Examination and training	22	(93,743)	50,271
- Finance		(5,843)	(6,164)
- Professional practice		8,609	(11,510)
- Information and publications	23	58,487	38,851
- Welfare and service matters	24	(10,142)	11,711
- Corporate affairs	25	(58,938)	(42,472)
Technical divisions	26	111,815	233,701
Library committee		(52,671)	(6,522)
Graduate and Student section	27	12,081	(26,629)
Award committee		(4,959)	(11,166)
Ad-hoc committee		(6,656)	-
		(115,496)	239,759

**19. Tax expense**

	2009 RM	2008 RM
Current tax expense		
- Current year	-	41,354
- Over provision in prior year	(41,354)	-
	(41,354)	41,354

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.

**20. Activities committee**

	2009 RM	2008 RM
These represent income/(expenses) incurred in relation to:		
Income:		
Activities income	3,611	4,533
Annual dinner	9,520	44,850
	13,131	49,383
Less: Expenditure		
Souvenirs	(2,988)	(1,678)
Seminar/Courses/Carnival	(6,379)	294
Others	(5,107)	11,152
FEIC	(5,676)	(147)
CAFEO	(6,740)	(19,175)
APEC	-	(38)
ASHRAE	-	(450)
	(13,759)	39,341



**21. Qualifications and admissions committee**

	<b>2009 RM</b>	<b>2008 RM</b>
These represent income/(expenses) incurred in relation to:		
Income		
Evaluation of engineering degree programmes	-	19,950
	-	19,950
Less: Expenditure		
Meetings	(1,565)	(858)
Printing/Circulars	(4,327)	(4,303)
Membership Application Form	(12,508)	(12,490)
Miscellaneous	(8,803)	(2,221)
Membership Drive	(10,017)	(8,331)
	<b>(37,220)</b>	<b>(8,253)</b>

**22. Examinations and training committee**

	<b>2009 RM</b>	<b>2008 RM</b>
These represent income/(expenses) incurred in relation to:		
Income		
Professional interview fees	115,703	121,745
Income from examinations	11,740	9,620
CPD income	38,500	39,767
	165,943	171,132
Less: Expenditure		
Professional interviewers' fees	(87,749)	(89,975)
Incidental examination expenses	(1,699)	(156)
CPD expenses	(3,918)	(6,218)
PI Workshop	(4,371)	(816)
Other expenses	(161,949)	(23,696)
	<b>(93,743)</b>	<b>50,271</b>

**23. Information and publications committee**

	<b>2009 RM</b>	<b>2008 RM</b>
These represent income/(expenses) incurred in relation to:		
Income:		
Advertisements in bulletin	59,325	52,776
Less: Expenditure		
Meetings	(573)	(633)
Publication permit	-	(1,000)
Appreciation to referees	(209)	(2,169)
IEM Book project	-	(10,013)
Readership Survey	-	-
Others	(56)	(110)
	<b>58,487</b>	<b>38,851</b>



**24. Welfare and service matters committee**

	<b>2009 RM</b>	<b>2008 RM</b>
These represent income/(expenses) incurred in relation to:		
Income		
- Benevolent Income	42,921	16,793
- Engineers Week	5,047	19,730
- Other income	3,370	8,160
	<b>51,338</b>	<b>44,683</b>
Less: Expenditure		
- Meetings	(696)	(220)
- Prizes for SPM/STPM achievers	(8,718)	(6,450)
- Forums/Talks/Courses	(513)	(540)
- Printing/Circulars	(7,925)	(1,869)
- IEM Open house	(24,269)	(14,149)
- Ladies' engineers	(3,197)	(1,250)
- Bereavement allowance	(7,200)	-
- Jurutera Wargamas	(4,252)	(3,669)
- Survey	(4,710)	(4,800)
- Others	-	(25)
	<b>(10,142)</b>	<b>11,711</b>

**25. Corporate affairs committee**

	<b>2009 RM</b>	<b>2008 RM</b>
These represent income/(expenses) incurred in relation to:		
Overseas seminars and conference	(17,693)	(17,434)
Public relation	(4,172)	(3,000)
Overseas visitors	(5,990)	(1,760)
Local social functions	(14,165)	(14,223)
Asean engineers ceremony	-	(4,074)
PRO ETI	(14,295)	-
Others	(2,623)	(4,201)
	<b>(58,938)</b>	<b>(42,472)</b>

**26. Technical divisions**

	<b>2009 RM</b>	<b>2008 RM</b>
These represent surplus/(deficit) from the following:		
Geotechnical Engineering Technical Division	(55,994)	115,334
Chemical Engineering Technical Division	17,478	(10,884)
Project Management Technical Division	14,941	8,716
Building Services Engineering Technical Division	45,634	14,334
Mechanical Engineering Technical Division	39,759	44,344
Civil and Structural Engineering Technical Division	44,473	63,469
Electrical Engineering Technical Division	34,328	42,680
Water Resources Technical Division	10,233	(6,490)
Oil & Gas and Mining Engineering Technical Division	26,834	(7,533)
Production and Manufacturing Engineering Technical Division	(724)	(1,215)
Environmental Engineering Technical Division	4,802	281
Highway and Transportation Engineering Technical Division	(3,023)	(1,550)
Engineering Education Technical Division	(2,904)	42,628





Information Technology Special Interest Group	(1,580)	231
Agricultural and Food Engineering Technical Division	(1,488)	(2,900)
Tunneling and Underground Space Engineering Technical Division	3,322	2,612
Electronic Engineering Technical Division	(10,778)	(573)
Consulting Engineers Special Interest Group	(3,981)	-
Technical Divisions – Incentives	(49,517)	(69,783)

	111,815	233,701
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**27. Graduate and Student section**

	<b>2009</b>	<b>2008</b>
	<b>RM</b>	<b>RM</b>

These represent income/(expenses) incurred in relation to:

Income

- AGM and Annual Dinner	5,800	5,450
- Courses, seminar & other activities	32,510	61,765
- Sales of Code of Ethics	2,120	1,860
- G/S Annual Booklet 2009	-	32,000
- Interest income on fixed deposits	2,639	3,497
- Others	50	-

	43,119	104,572
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Less: Expenditure

- AGM and Annual Dinner	(3,620)	(59,927)
- YEAFEO	(500)	(3,090)
- Printing and photocopying expenses	(3,103)	(4,629)
- Food and refreshments	(945)	(439)
- Courses Seminars and activities	(18,820)	(46,491)
- Community projects	(1,970)	(9,304)
- Printing of T-shirts for sale	-	(3,033)
- Social activities	(54)	(2,544)
- Others	(2,026)	(1,744)

	(31,038)	(131,201)
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	12,081	(26,629)
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**Statement by the Council**

In the opinion of the Council, the financial statements set out on pages 134 to 145 are drawn up in accordance with accounting policies adopted by the Institution so as to give a true and fair view of the financial position of the Institution as of 31 December 2009 and of its financial performance and cash flows for the year then ended.

On behalf of the Council:



.....  
**Dato' Ir. Prof Dr Chuah Hean Teik**  
**President**



.....  
**Ir. Tan Yean Chin**  
**Hon Treasurer**

Kuala Lumpur,

Date: 16 March 2010

**Statutory declaration by the officer primarily responsible for the financial management of the Institution**

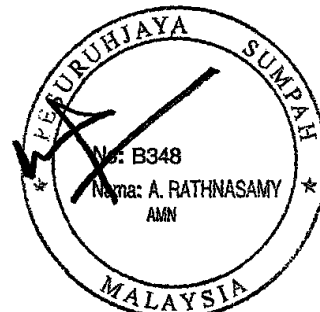
I, Ir. Tan Yean Chin, the officer primarily responsible for the financial management of The Institution of Engineers, Malaysia, do solemnly and sincerely declare that the financial statements set out on pages 134 to 145 are, to the best of my knowledge and belief, correct and I make this solemn declaration 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 Kuala Lumpur on 16 March 2010



.....  
**Ir. Tan Yean Chin**

Before me:



Alamat tempat perniagaan  
No. 10A, Jalan 52/10  
46200 Petaling Jaya, Selangor  
Tel: 03-7960 1428  
H/P: 016-9719 600



## **Report on the Financial Statements**

We have audited the financial statements of the Institution of Engineers, Malaysia ("the Institution") which comprise the balance sheet as at 31 December 2009 of the Institution and the statement of income and expenditure and cash flow statement of the Institution for the year then ended, and a summary of significant accounting policies and other explanatory notes, as set out on pages 134 to 147.

### *Council's 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 accounting policies adopted by the Institution. This responsibility includes: designing, implementing and maintaining internal control 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 judgment, 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 control 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 control. 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 have been properly drawn up in accordance with accounting policies adopted by the Institution so as to give a true and fair view of the financial position of the Institution as of 31 December 2009 and of its financial performance and cash flows for the 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.

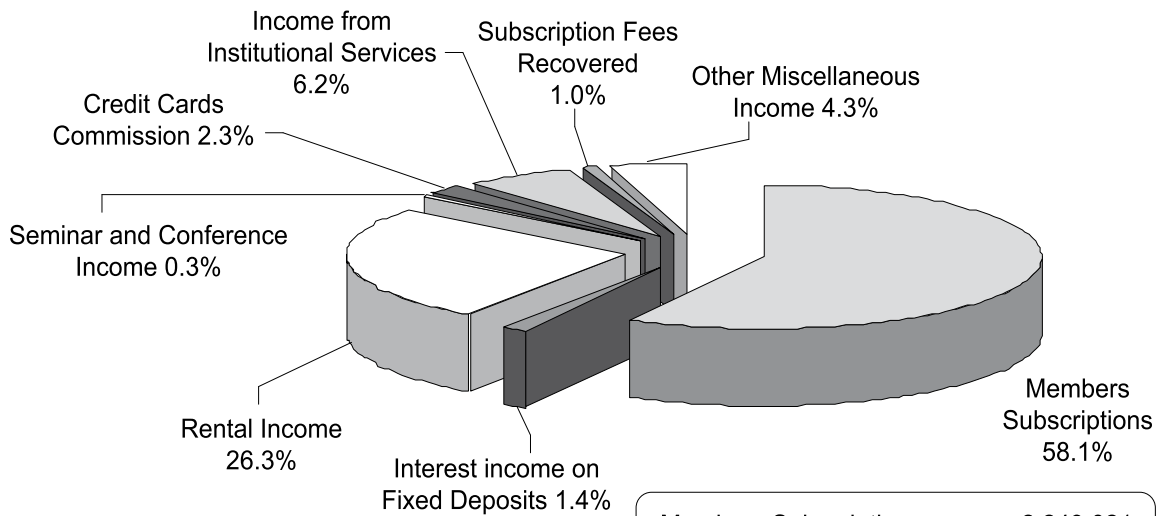
**KPMG**  
Firm Number: AF 0758  
Chartered Accountants

Petaling Jaya

Date: 16 March 2010

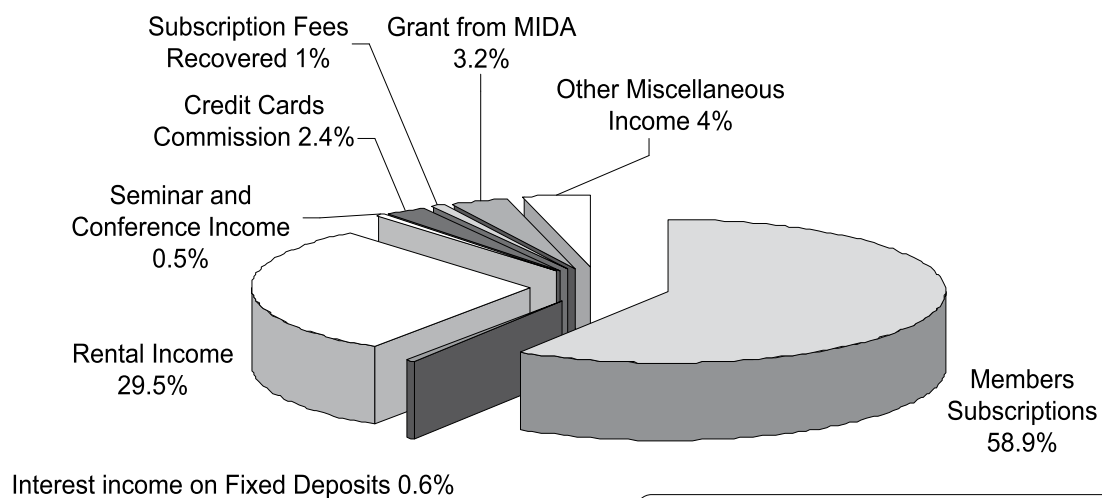


**Income for the year 2008 Total income RM3,870,335**



Members Subscriptions	2,249,021
Interest Income on Fixed Deposits	53,909
Rental Income	1,016,863
Seminar and Conference Income	11,730
Credit Cards Commission	90,286
Income from Institutional Services	239,759
Subscription Fees Recovered	40,585
Other Miscellaneous Income	168,182

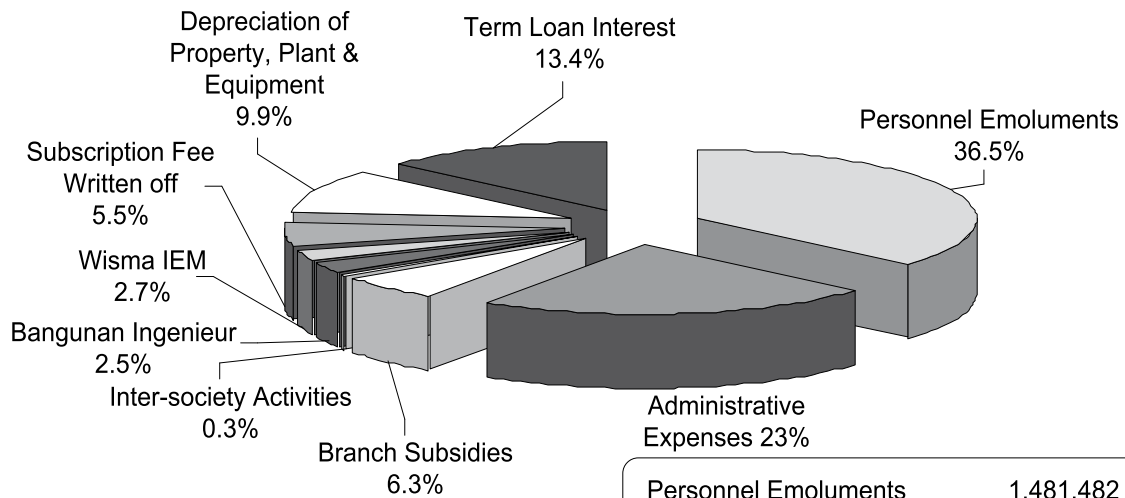
**Income for the year 2009 Total income RM4,179,495**



Members Subscriptions	2,460,621
Interest Income on Fixed Deposits	25,775
Rental Income	1,232,958
Seminar and Conference Income	19,637
Credit Cards Commission	102,221
Subscription Fees Recovered	40,465
Grant from MIDA	132,158
Other Miscellaneous Income	165,660

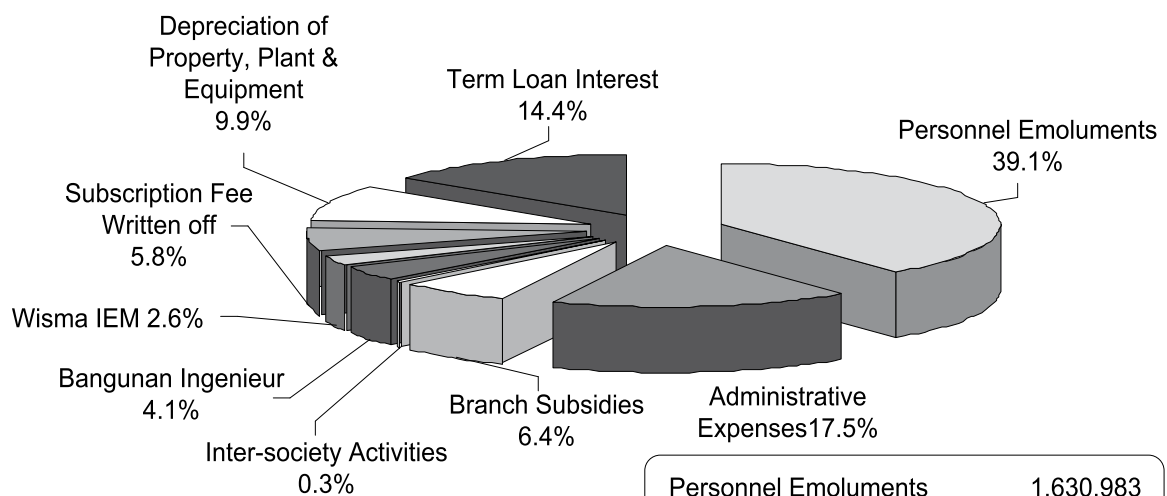


**Expenses for the year 2008 Total Expenses RM4,056,453**



Personnel Emoluments	1,481,482
Administrative Expenses	927,573
Branch Subsidies	253,700
Inter-society Activities	10,825
Bangunan Ingenieur	102,140
Wisma IEM	110,842
Subscription Fee Written off	222,413
Depreciation of Property, Plant & Equipment	401,922
Term Loan Interest	545,556

**Expenses for the year 2009 Total Expenses RM4,287,341**



Personnel Emoluments	1,630,983
Administrative Expenses	729,562
Branch Subsidies	267,149
Inter-society Activities	11,311
Bangunan Ingenieur	169,596
Wisma IEM	108,271
Subscription Fee Written off	241,127
Depreciation of Property, Plant & Equipment	413,156
Term Loan Interest	600,690
Institutional Services	115,496

**Statement by the Council of the Institution of Engineers, Malaysia**

In the opinion of the Council, the financial statements set out on pages 150 to 156 are drawn up in accordance with accounting policies adopted by the Education Fund so as to give a true and fair view of the financial position of the Institution of Engineers, Malaysia (Education Fund) as of 31 December 2009 and of its income and expenditure and cash flows for the year then ended.

On behalf of the Council:



.....  
**Dato' Ir. Prof Dr Chuah Hean Teik**  
 President



.....  
**Ir. Tan Yean Chin**  
 Hon Treasurer

Kuala Lumpur,

Date: 16 March 2010

**Statutory declaration by the officer primarily responsible for the financial management of the Education Fund**

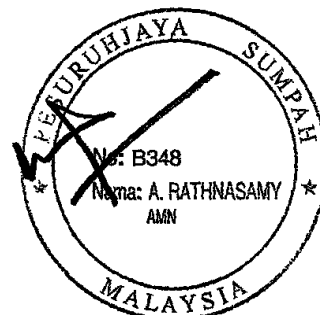
I, **Ir. Tan Yean Chin**, the officer primarily responsible for the financial management of the Institution of Engineers, Malaysia (Education Fund), do solemnly and sincerely declare that the financial statements set out on pages 150 to 156 are, to the best of my knowledge and belief, correct and I make 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 Kuala Lumpur on 16 March 2010.



.....  
**Ir. Tan Yean Chin**  
 Hon Treasurer

Before me:



Alamat tempat perniagaan  
 No. 10A, Jalan 52/10  
 46200 Petaling Jaya, Selangor  
 Tel: 03-7960 1428  
 H/P: 016-9719 600

## Report on the Financial Statements

We have audited the financial statements of the Institution of Engineers, Malaysia (Education Fund) ("the Education Fund") which comprise the balance sheet as at 31 December 2009 and the statement income and expenditure and cash flow statement for the year then ended, and a summary of significant accounting policies and other explanatory notes, as set out on pages 152 to 156.

### *Council's 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 accounting policies adopted by the Education Fund. This responsibility includes: designing, implementing and maintaining internal control 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 judgment, 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 control 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 control. 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 have been properly drawn up in accordance with accounting policies adopted by the Education Fund as to give a true and fair view of the financial position of the Education Fund as of 31 December 2009 and of its financial performance and cash flows for the 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.



**KPMG**  
Firm Number: AF 0758  
Chartered Accountants

Petaling Jaya

Date: 16 March 2010



## Balance sheet at 31 December 2009

	Note	2009 RM	2008 RM
<b>Plant and equipment</b>	3	381	3,646
<b>Intangible asset</b>	4	25,394	38,090
<b>Current assets</b>			
Other receivables	5	1,606,555	1,583,007
Cash and cash equivalents	6	1,052,331	1,119,017
		2,658,886	2,702,024
<b>Current liabilities</b>			
Other payables and accrued expenses	7	19,868	18,590
<b>Net current assets</b>		2,639,018	2,683,434
		2,664,793	2,725,170
<b>Financed by:</b>			
Accumulated funds		2,664,793	2,725,170

The notes set out on pages 152 to 156 form an integral part of, and should be read in conjunction with, these financial statements.

## Statement of income and expenditure for the year ended 31 December 2009

	Note	2009 RM	2008 RM
<b>Income</b>			
Donation received		45,429	319,985
Bank interest		541	2,470
Fixed deposits interest income		32,459	28,291
Other income		1	9
Sponsorship received – International Conference on Energy and Environment 2009		27,000	-
		105,430	350,755
<b>Less: Expenditure</b>			
Auditors' remuneration		2,000	2,000
Release of unused provision		-	(4,000)
Bank charges		45	75
Depreciation	3	3,265	3,265
Professional fees and tax services		1,254	1,552
CAFEO		12,356	9,043
Sponsorship expenses		102,255	1,500
Scholarships		28,500	9,000
Amortisation of intangible assets		12,696	12,696
Miscellaneous		332	-
		162,703	35,131
<b>(Deficit)/Surplus before taxation</b>		(57,273)	315,624
Tax expense	8	(3,104)	(2,253)
<b>(Deficit)/Surplus for the year</b>		(60,377)	313,371
Accumulated funds brought forward		2,725,170	2,411,799
<b>Accumulated funds carried forward</b>		2,664,793	2,725,170



The notes set out on pages 152 to 156 form an integral part of, and should be read in conjunction with, these financial statements.

### Cash flow statement for the year ended 31 December 2009

	2009 RM	2008 RM
<b>Cash flows from operating activities</b>		
(Deficit)/Surplus before taxation	(57,273)	315,624
Adjustment for:		
Depreciation	3,265	3,265
Amortisation of intangible asset	12,696	12,696
Operating surplus before working capital changes	(41,312)	331,585
Changes in working capital:		
Other receivables	(23,548)	41,997
Other payables	1,278	(55,266)
Cash (used in)/generated from operations	(63,582)	318,316
Income taxes paid	(3,104)	(2,253)
<b>Net cash (used in)/generated from operating activities</b>	<b>(66,686)</b>	<b>316,063</b>
<b>Net (decrease)/increase in cash and cash equivalents</b>	<b>(66,686)</b>	<b>316,063</b>
<b>Cash and cash equivalents at beginning of year</b>	<b>1,119,017</b>	<b>802,954</b>
<b>Cash and cash equivalents at end of year</b>	<b>1,052,331</b>	<b>1,119,017</b>
<b>Cash and cash equivalents comprise:</b>		
Deposits with licensed banks	1,009,416	1,077,115
Cash at bank	42,915	41,902
	<b>1,052,331</b>	<b>1,119,017</b>

The notes set out on pages 152 to 156 form an integral part of, and should be read in conjunction with, these financial statements.

### Notes to the financial statements

The Institution of Engineers, Malaysia (Education Fund) is an Education Fund and domiciled in Malaysia. The address of the principal place of business of the Education Fund is as follows:-

#### Principal place of business

Bangunan Ingenieur, Lot 60/62  
Jalan 52/4 Peti Surat 223  
46720 Petaling Jaya  
Selangor Darul Ehsan

The financial statements were approved and authorised for issue by the Council of the Institution of Engineers, Malaysia on 15 March 2010.

#### 1. Principal activity

The principal activity of the Education Fund is to contribute towards the further progress and advancement of all disciplines of the Engineering profession by the provision of scholarships and educational loans and also the provision of grants for seminars, conferences, researches and other related engineering education activities.

## 2. 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 Education Fund are prepared on the historical cost basis and in compliance with accounting policies adopted by the Education Fund.

### (b) Plant and equipment

Plant and equipment are stated at cost less accumulated depreciation.

Plant and equipment retired from active use and held for disposal are stated at the lower of net book value and net realisable value.

#### *Depreciation*

The straight-line method is used to write off the cost of the assets over the term of their estimated useful lives at the following principal annual rates:

Office equipment	10%
Furniture and fittings	10%
Computers	40%

### (c) Intangible assets

Intangible assets that are acquired by the Education Fund are stated at cost less any accumulated amortisation.

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.

### (d) Other receivables

Other receivables are stated at cost less allowance for doubtful debts.

### (e) Cash and cash equivalents

Cash and cash equivalents consist of cash on hand, balances and deposits with banks and highly liquid investments which have an insignificant risk of changes in value.

### (f) Liabilities

Other payables are stated at cost.

### (g) Income recognition

#### *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.

### (h) Taxation

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 year, using tax rates enacted or substantially 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 on 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 tax rates enacted or substantially enacted at the balance sheet date.

Deferred tax liability is recognised for all 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 the asset can be utilised.

### 3. Plant and equipment

<b>Cost</b>	<b>Office equipment RM</b>	<b>Furniture and fittings RM</b>	<b>Computers RM</b>	<b>Total RM</b>
At 1 January 2009/ 31 December 2009	32,645	41,050	20,348	94,043
<b>Depreciation</b>				
At 1 January 2009	28,999	41,050	20,348	90,397
Charge for the year	3,265	-	-	3,265
At 31 December 2009	32,264	41,050	20,348	93,662
<b>Net book value</b>				
At 31 December 2009	381	-	-	381
At 31 December 2008	3,646	-	-	3,646
Depreciation charge for the year ended 31 December 2008	3,265	-	-	3,265

### 4. Intangible asset

<b>Cost</b>	<b>Software RM</b>
At 1 January 2009/31 December 2009	63,482
<b>Amortisation</b>	
At 1 January 2009	25,392
Amortisation for the year	12,696
At 31 December 2009	38,088
<b>Carrying amounts</b>	
At 31 December 2009	25,394
At 31 December 2008	38,090



## 5. Other receivables

	<b>2009</b>	<b>2008</b>
	<b>RM</b>	<b>RM</b>
Fixed deposit interest receivable	5,462	7,148
Advance from IEM - Main accounts	1,493,865	1,473,807
Advance from IEM Eastern Branch	84,300	84,300
ACFM advance	15,000	15,000
Other receivables	7,928	2,752
	<b>1,606,555</b>	<b>1,583,007</b>

Advances to IEM are unsecured, interest free and have no fixed terms of repayment.

## 6. Cash and cash equivalents

	<b>2009</b>	<b>2008</b>
	<b>RM</b>	<b>RM</b>
Fixed deposits with licensed banks	1,009,416	1,077,115
Cash at bank	42,915	41,902
	<b>1,052,331</b>	<b>1,119,017</b>

## 7. Other payables and accrued expenses

	<b>2009</b>	<b>2008</b>
	<b>RM</b>	<b>RM</b>
Amount due to IEM	930	590
Other payables	18,938	18,000
	<b>19,868</b>	<b>18,590</b>

Amount due to IEM is unsecured, interest free and has no fixed terms of repayment.

## 8. Tax expense

	<b>2009</b>	<b>2008</b>
	<b>RM</b>	<b>RM</b>
<b>Current tax expense</b>		
- Current year	1,875	-
- Under provision in prior year	1,229	2,253
	<b>3,104</b>	<b>2,253</b>

The tax expense is in respect of tax paid on interest income.

Since the Fund is an approved institution under Section 44(6), then Para 13(a) of Schedule 6, of the Income Tax Act 1967 applies, stating that all income for year of assessment 2009 are exempted except for dividend income and interest income.



**Income and Expenses Statement for the year ended 31 December 2009**

	<b>2009</b>	<b>2008</b>
	<b>RM</b>	<b>RM</b>
<b>Income from courses receivable</b>	1,211,250.00	932,684.54
<b>Commemorative Volume &amp; Disbursement</b>	0.00	59,700.00
<b>Sales of Book</b>	500.00	10,465.00
<b>Income from Exhibition</b>	0.00	17,504.60
<b>Commission from Insurance</b>	4,640.55	0.00
<b>IEM SSCDF Program</b>	50,000.00	0.00
<b>CIDB Rebate</b>	6,200.00	0.00
<b>Advertisement &amp; Disbursement Received</b>	48,607.30	0.00
<b>Fixed Deposits Interest Received</b>	0.00	663.19
	<b>1,321,197.85</b>	<b>1,021,017.33</b>
<b>Less: Cost of Activities</b>		
Exhibitions Expenses	3,360.00	1,800.00
Lectures' fee	377,634.65	287,573.13
Branches administratives charges	5,000.00	9,400.00
Building & office maintenance	8,665.00	3,131.00
CIDB rebate	5,600.00	0.00
Consultant fee	5,000.00	0.00
Course materials preparation	5,000.00	0.00
Hotel accommodation	27,295.99	38,453.11
Printing & stationery	124,582.02	111,235.57
Profit sharing	28,485.94	62,922.25
Purchase of books	7,123.30	7,492.00
Refreshment/ lunches	90,610.63	105,049.51
Stamp, postage & courier	9,384.86	17,161.23
Parking & Travelling	45,826.95	55,349.56
Seconded staff costs	56,456.22	113,669.67
Registration & reimbursement fees	45,484.32	0.00
Telephone & fax	5,935.17	5,923.28
Souvenir	7,878.50	2,355.00
Rental of training room and equipment	17,000.00	6,975.00
	<b>876,323.55</b>	<b>828,490.31</b>
<b>Gross Profit</b>	<b>444,874.30</b>	<b>192,527.02</b>
<b>Less: Administrative and Operating Expenses</b>		
Accounting fees	5,985.00	5,775.00
Allowance	440.00	0.00
Audit fees	3,150.00	2,835.00
Bank Charges	151.57	53.50
Bonus	15,150.00	0.00
Depreciation	7,633.80	5,392.50
Directors' fees	4,800.00	4,200.00
Donation	4,000.00	2,165.00
EPF & SOCSO	15,368.05	0.00
Entertainment	150.00	0.00
Filing & declaration	230.00	230.00
Insurance	1,424.28	0.00
Medical	627.00	313.00
Miscellaneous	266.90	616.60
Meeting allowance	2,850.00	9,300.00
Periodicals	454.00	330.00
Rental pos box	50.00	0.00
Secretarial fees	2,973.25	3,481.25
Salary	77,804.22	0.00
Rental	19,200.00	19,200.00
Water & electricity	3,396.75	2,566.04
	<b>166,104.82</b>	<b>56,457.89</b>
<b>Profit/ (Loss) Before Taxation</b>	<b>278,769.48</b>	<b>136,069.13</b>