

**2009**  
LAPORAN TAHUNAN KE **50<sup>TH</sup>** ANNUAL REPORT  
**IEM**



**INSTITUSI JURUTERA  
MALAYSIA**

**THE INSTITUTION OF ENGINEERS,  
MALAYSIA**



ANNIVERSARY  
The Institution of Engineers, Malaysia  
**PRIME MOVERS OF  
NATION BUILDING**  
since **1959**

LAPORAN TAHUNAN KE *50th* *50th* ANNUAL REPORT

IEM 2009

**2009**  
LAPORAN TAHUNAN KE **50<sup>TH</sup>** ANNUAL REPORT  
**IEM**



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Session	Past Presidents
1959/62	Allahyarham Tan Sri Engr. (Dr) Haji Yusoff bin Haji Ibrahim
1962/64	Allahyarham Raja Tan Sri Engr. Zainal bin Raja Sulaiman
1966/66	Late Engr. Thean Lip Thong
1966/68	Late Tan Sri Datuk Engr. Prof. Chin Fung Kee
1968/69	Late Engr. Ow Yang Hong Chiew
1969/70	Late Engr. Chan Peng Khuen
1970/72	Y.Bhg. Tan Sri Dato' (Dr) Engr. Haji Abu Zarim bin Haji Omar
1972/74	Late Academician Tan Sri Engr. (Dr) J. G. Daniel
1974/75	Allahyarham Tan Sri Datuk Engr. Haji Halaluddin bin Mohd. Ishak
1975/1977	Late Engr. Chan Khee Poh
Apr-Dec 1977	Allahyarham Tan Sri Datuk Engr. Mahfoz bin Khalid
1977/79	Allahyarham Engr. Tuan Haji Mohd. Razali bin Bidin
1979/1981	Late Engr. Wong Kin Hong
1981/82	Engr. Chiam Teong Tee
1982/84	Allahyarham Tan Sri Datuk Engr. Haji Mohd. Hassan bin Abdul Wahab
1984/86	Y.Bhg. Dato' Engr. Pang Leong Hoon
1986/88	Engr. Tuan Haji Abdul Rahman bin Yaacob
1988/90	Y.Bhg. Academician Dato' Engr. Lee Yee Cheong
1990/92	Allahyarham Dato' Engr. Mustafa bin Ahmad
1992/93	Engr. Chong Pick Eng (P.E. Chong)
1993/95	Y.Bhg. Dato' Engr. Abdul Rashid bin Ahmad
1995/97	Engr. Dr. Ting Wen Hui
1997/99	Engr. Tuan Haji Mohd. Mazlan bin Md. Ismail Merican
1999/01	Y.Bhg. Datuk Engr. (Dr) Haji Ahmad Zaidee bin Laidin
2001/03	Engr. Dr. Gue See Sew
2003/05	Y.Bhg. Dato' Engr. Prof Abang Abdullah bin Abang Ali
2005/07	Datuk Engr. 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 Engr. (Dr) Haji Yusoff bin Haji Ibrahim
1981	Allahyarham Raja Tan Sri Engr. Zainal bin Raja Sulaiman
1981	Late Engr. Thean Lip Thong
1981	Late Tan Sri Datuk Engr. Prof. Chin Fung Kee
1982	Y.Bhg. Tan Sri Dato' (Dr) Engr. Haji Abu Zarim bin Haji Omar
1982	Late Academician Tan Sri Engr. (Dr) J. G. Daniel
1984	Y.A.Bhg. Tun Dr. Mahathir bin Mohamed <i>(transferred to Grade of Distinguished Hon Fellow in 2004)</i>
1986	Engr. Chiam Teong Tee
1986	Allahyarham Tan Sri Datuk Engr. Haji Mohd. Hassan bin Abdul Wahab
1988	Allahyarham Tun Hussein Onn
1989	DYMM Paduka Seri Sultan Azlan Muhibbuddin Shah Ibni al-Marhum Sultan Yussuf Izzuddin Shah Ghafarullahu-Lah
1991	Y.Bhg. Dato' Engr. Pang Leong Hoon
1991	Prof. Dr. Ing. B. J. Habibie
1993	Allahyarham Dato' Engr. Mustafa bin Ahmad
1993	Y.Bhg. Tan Sri Dato' Engr. (Dr.) Shamsuddin bin Abdul Kadir
1993	Y.Bhg. Academician Dato' Engr. 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.B. Dato' Seri Abdullah bin Haji Ahmad Badawi
2003	Y.Bhg. Dato' Seri Law Hieng Ding
2004	Y.Bhg. Datuk Tham Nyip Shen
2006	Late Engr. Teoh Cheng Hock (Engr. C.H. Teoh)
2007	Y.Bhg. Tan Sri Dato' Engr. 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
2009	Seri Paduka Baginda Yang Di-Pertuan Agong Al-Wathiqu Billah Tuanku Mizan Zainal Abidin Ibni Al-Marhum Sultan Mahmud Al-Muktafi Billah Shah

## AHLI KEHORMAT, IEM

## IEM HON MEMBER

Year	Name of Recipient
2009	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 to 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 honourable 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*

**President**

**Deputy President**

**Vice Presidents**

YBhg. Datuk Paduka Engr. Keizrul bin Abdullah F.I.E.M., PEng

YBhg. Dato' Engr. Prof. Dr Chuah Hean Teik F.I.E.M., PEng

Engr. Vincent Chen Kim Kieong F.I.E.M., PEng

Engr. Prof. Dr Ruslan bin Hassan F.I.E.M., PEng

Engr. Tan Yean Chin F.I.E.M., PEng

YBhg. Dato' Engr. Haji. Abdul Rashid bin Maidin F.I.E.M., PEng

Engr. P. E. Chong F.I.E.M., PEng

Engr. Choo Kok Beng F.I.E.M., PEng

Engr. Oon Chee Kheng F.I.E.M., PEng

**Honorary Secretary**

**Honorary Treasurer**

**Council Member - Civil Rep**

**Council Member - Mechanical Rep**

**Council Member - Electrical Rep**

**Council Member - Structural Rep**

**Council Member - Chemical & Others Rep**

**Council Members - Ordinary Rep**

Engr. Dr Jeffrey Chiang Choong Luin M.I.E.M., PEng

Y.Bhg. Dato' Engr. (Dr.) Abu Hashim bin Abdul Ghani F.I.E.M., PEng

Engr. Dr Mohd Zamin bin Jumaat M.I.E.M., PEng

Engr. Phillip Tan Ah Kow M.I.E.M., PEng

Ir. Yusouf bin Ahmad F.I.E.M., PEng

Engr. Tu Yong Eng, M.I.E.M., PEng

Engr. Juares Rizal bin Abd. Hamid M.I.E.M., PEng

Engr. Abdul Rahim bin Haji Othman F.I.E.M., PEng

Engr. Noor Hisham bin Yahaya F.I.E.M., PEng

Ir. M. C. Hee F.I.E.M., PEng

Engr. Lee Eng Choy M.I.E.M., PEng

Engr. Haji Mohamed Ali bin Yusoff F.I.E.M., PEng

Engr. David Ng Shiu Yuen F.I.E.M., PEng

Engr. Dr Ramlee bin Karim F.I.E.M., PEng

Engr. Luk Chau Beng F.I.E.M., PEng

Engr. Lim Ah Hang F.I.E.M., PEng

Engr. Rocky Wong Hon Thang F.I.E.M., PEng

Engr. Dr Ahmad Suhaimi bin Abdul Rahim F.I.E.M., PEng

Engr. Chung Boon Kuan M.I.E.M., PEng

Engr. Gunasagaran a/l Kristnan M.I.E.M., PEng

Engr. Khor Hock Keat M.I.E.M., PEng

Engr. Lee Weng Onn M.I.E.M., PEng

Ir. Mohd Aman bin Haji Idris F.I.E.M., PEng

Engr. Ng Yong Kong M.I.E.M., PEng

Engr. Ong Ching Loon M.I.E.M., PEng

YBhg. Datuk Engr. Rosaline Ganendra F.I.E.M., PEng

Engr. Dr Tan Kuang Leong M.I.E.M., PEng

Engr. Toh Ai Ching M.I.E.M., PEng

Engr. S. Kukanesan, F.I.E.M., PEng

Engr. Lai Sze Ching M.I.E.M., PEng

Engr. Manogaran a/l K.Raman M.I.E.M., PEng

Engr. Dr Lee Teang Shui F.I.E.M., PEng

Engr. Li Thang Fai M.I.E.M., PEng

Engr. Assoc Prof Dr Mohd Saleh bin Jaafar M.I.E.M., PEng

Engr. Yim Hon Wa F.I.E.M., PEng

**Council Member - By Appointment**

Y.Bhg. Datuk Wira Engr. Md Sidek bin Ahmad F.I.E.M., PEng

Y.Bhg. Tan Sri Dato Engr. Jamilus bin Hussein F.I.E.M., PEng

Y.Bhg. Datuk Engr. Hong Lee Pee F.I.E.M., PEng

**Immediate Past President**

YBhg. Datuk Engr. Prof. Dr Ow Chee Sheng F.I.E.M., PEng

**Past Presidents**

YBhg. Dato' Engr. Pang Leong Hoon Hon.F.I.E.M, PEng

Engr. P.E. Chong F.I.E.M., PEng

YBhg. Academician Dato' Engr. Lee Yee Cheong Hon. F.I.E.M., PEng

YBhg. Dato' Engr. (Dr) Hj. Ahmad Zaidee bin Laidin F.I.E.M., PEng

**Branch Representatives**

Engr. Dr Gue See Sew F.I.E.M., PEng

Engr. Lim Kok Khong, M.I.E.M., PEng

Engr. Sim Tian Liang, M.I.E.M., PEng

Engr. Angus Ang Mei Yu, M.I.E.M., PEng

Engr. Nik Mohd. Amin bin Nik Taib M.I.E.M., PEng

Engr. Hj Rusli bin Embok, M.I.E.M., PEng

Engr. Haji. Mohamed Nor bin Mohd Dros M.I.E.M., PEng

Engr. Mohamad Ariff bin Hj A. Karim M.I.E.M., PEng

Engr. Wong Siu Hieng M.I.E.M., PEng

Engr. John Chee Shi Tong M.I.E.M., PEng

Engr. Richard Teo Chok Teck M.I.E.M., PEng

Engr. Haji Abdullah bin Othman, M.I.E.M, PEng

*Penang Branch*

*Southern Branch*

*Perak Branch*

*Eastern Branch*

*Terengganu Branch*

*Negeri Sembilan Branch*

*Malacca Branch*

*Sarawak Branch*

*Sabah Branch*

*Miri Branch*

*Kedah-Perlis Branch*



10 March 2009

Ref No: IEM09/HQ/039/AGM – 4 CPD hours

To all members of  
The Institution of Engineers, Malaysia

**NOTICE OF 50TH ANNUAL GENERAL MEETING  
Saturday, 18 April 2009, 9.00 am**

In accordance with Section 7.5 of the Bylaws, notice is hereby given that the 50th Annual General Meeting of The Institution of Engineers, Malaysia shall be held at 3rd Floor, Auditorium, Wisma IEM (new IEM Building), 21 Jalan Selangor, Petaling Jaya on Saturday, **18 April 2009 at 9.00am**.

Notice is also given for the amendment to Article 2.4 of the IEM Constitution. The IEM Council at its meeting held on 19 January 2009 had approved this amendment.

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

1. Welcoming Address by the President for Session 2008/2009.
2. Confirmation of Minutes of the 49th Annual General Meeting held on 19 April 2008.
3. Matters Arising.
4. Annual Report for Session 2008/2009.
5. Any Other Business of which written notice is submitted to reach IEM Secretariat by 1 April 2009. Please note that no matters under Any Other Business shall be discussed, unless prior written notice is received by 1 April 2009. This is in accordance to our Constitution & Bylaws.
6. Announcement of Results of Election for Council Session 2009/2010.
7. Amendment to Article 2.4 of IEM Constitution (*Refer Appendix A*)
8. Election of Honorary Internal Auditors.
9. Appointment of External Auditors.
10. Presidential Address 2009/2010.

**Engr. Assoc Prof Dr Jeffrey Chiang Choong Luin**, MIEM, PEng.  
Hon. Secretary



**APPENDIX A**

That Articles 2.4 be amended to read as follows:

<b>ORIGINAL</b>	<b>PROPOSED AMENDMENTS</b>
<p><b>ARTICLE II: MEMBERSHIP:</b></p> <p>2.4 The names of all members shall be entered on the Register of the Institution, hereinafter referred to as “the Register”. Each grade of membership shall comprise every person who has been admitted, elected or transferred into that grade, so long as his name is on the Register as such. <del>Fellows, Members</del> and graduates shall be entitled to the use of the title “Engr.” placed before their names.</p>	<p>2.4 The names of all members shall be entered on the Register of the Institution, hereinafter referred to as “the Register”. Each grade of membership shall comprise every person who has been admitted, elected or transferred into that grade, so long as his name is on the Register as such. <b>Corporate Members who are not Professional Engineers registered under the Registration of Engineers Act 1967</b>, and Graduates shall be entitled to the use of the title “Engr.” placed before their names.</p>

**Yang Dipertua**

Dato' Paduka Engr. Hj. Keizrul bin Abdullah

**Timbalan Yang Dipertua**

Dato' Engr. Prof. Dr Chuah Hean Teik

**Naib Yang Dipertua**

Engr. P.E. Chong

Engr. Vincent Chen Kim Kieong

Engr. Prof. Dr Ruslan bin Hassan

Engr. Tan Yean Chin

Dato' Engr. Hj. Abdul Rashid bin Maidin

Engr. Oon Chee Kheng

Engr. Choo Kok Beng

**Setiausaha Kehormat**

Engr. Prof. Madya Dr Jeffrey Chiang Choong Luin

**Bendahari Kehormat**

Dato' Engr. (Dr) Hj. Abu Hashim bin Abd. Ghani

**Ahli-Ahli**

Engr. M.C. Hee

Engr. Lee Weng Onn

Engr. Rocky Wong Hon Thang

Datuk Engr. Rosaline Ganendra

Engr. Mohd. Aman bin Hj. Idris

Engr. Gunasagaran a/l Kristnan

Engr. Ng Yong Kong

Engr. Yusouf bin Ahmad

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

Dato' Paduka Engr. Hj. Keizrul bin Abdullah

**Timbalan Pengerusi**

Dato' Engr. Prof. Dr Chuah Hean Teik

**Setiausaha Kehormat**

Engr. Prof. Madya Dr Jeffrey Chiang Choong Luin

**Bendahari Kehormat**

Dato' Engr. (Dr) Hj. Abu Hashim bin Abd. Ghani

**Ahli-Ahli**

Engr. P.E. Chong

Engr. Vincent Chen Kim Kieong

Engr. Prof. Dr Ruslan bin Hassan

Engr. Tan Yean Chin

Dato' Engr. Hj. Abdul Rashid bin Maidin

Engr. Oon Chee Kheng

Engr. Choo Kok Beng

**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**

Engr. Mah Soo

Engr. Awangku Hidup bin Awangku Hosain



**JAWATANKUASA TETAP KEWANGAN**

*(Standing Committee on Finance)*

**Pengerusi**

Dato' Engr. Prof. Dr Chuah Hean Teik

**Naib Pengerusi**

Engr. Prof. Madya Dr Jeffrey Chiang Choong Luin

**Setiausaha**

Dato' Engr. (Dr) Hj. Abu Hashim bin Abd. Ghani

**Ahli-Ahli**

Engr. Mohd. Aman bin Hj. Idris  
Engr. Khor Hock Keat  
Engr. Dr Philip Tan Ah Kow  
Datuk Engr. Rosaline Ganendra  
Engr. Lim Ah Hang  
Engr. Lee Weng Onn

**JAWATANKUASA TETAP KELAYAKAN DAN KEMASUKAN KEAHLIAN**

*(Standing Committee on Qualifications and Admissions)*

**Pengerusi**

Dato' Engr. Hj. Abdul Rashid bin Maidin

**Naib Pengerusi**

Engr. Mohd. Aman bin Hj. Idris

**Setiausaha**

Engr. Mohd Khir bin Muhammad

**Ahli-Ahli**

Engr. Ishak bin Abdul Rahman  
Engr. Noor Hisham bin Yahaya  
Engr. Dr Lee Teang Shui  
Engr. Dr Philip Tan Ah Kow  
Engr. Rocky Wong HonThang  
Engr. David Ng Shiu Yuen  
Engr. Lai Sze Ching  
Engr. Hj. Mohamed Ali bin Yusoff  
Engr. Abdul Rahim bin Othman  
Engr. Bahardin bin Baharom  
Engr. Prof. Dr Zainal Abidin bin Ahmad  
Engr. Dr Abu Bakar bin Mahat  
Engr. Dr Muhamad Fuad bin Abdullah  
Engr. Ong Ching Loon  
Engr. Woo Ah Keong  
Engr. Shuib bin Sahudin  
Engr. Maj (R) Hj. Ahmad Mazlan bin Othman  
Engr. Assoc. Prof. Dr Chung Boon Kuan  
Engr. Kukanesan a/l Sakthiveil  
Engr. Hj. Mohd Hassin @ Mohd Hashim bin Daud  
Engr. Prof. Dr Mohd. Zamin bin Jumaat  
Engr. Dr Ahmad Suhaimi bin Abdul Rahim *(sehingga 14.7.2008)*  
Engr. Ahmad Nazari bin Ashari *(sehingga 19.10.2008)*  
Engr. Navinderan a/l Mageswaran, Grad. IEM *(Wakil S/S)*

**JAWATANKUASA TETAP PEPERIKSAAN DAN LATIHAN**

*(Standing Committee on Examinations and Training)*

**Pengerusi**

Engr. Vincent Chen Kim Kieong

**Naib Pengerusi**

Engr. Gunasagaran a/l Kristnan

**Setiausaha**

Engr. Prof. Dr Syed Abdul Kader bin Shaik Aljunid

**Ahli-Ahli**

Engr. Dr Lee Teang Shui  
Engr. Kukanesan a/l Sakthiveil  
Engr. Abdul Rahim bin Othman  
Engr. Dr Muhamad Fuad bin Abdullah  
Engr. Li Thang Fai  
Dato' Engr. Samsuddin bin Ismail  
Engr. Mohd. Aman bin Hj. Idris  
Engr. Prof. Dr Zainal Abidin bin Ahmad  
Engr. Ng Yong Kong  
Engr. David Ng Shiu Yuen  
Engr. Dr Norlida bt Buniyamin  
Engr. Tee Tong Kher  
Engr. Maj (R) Hj. Ahmad Mazlan bin Othman  
Engr. Mah Soo  
Engr. Loo Chee Kin  
Engr. Hoo Choon Sean  
Engr. Prof. Mayda Dr Mohd. Saleh bin Jaafar  
Engr. Assoc. Prof. Dr Chung Boon Kuan  
Engr. Tu Yong Eng  
Engr. David Lai Kong Phooi  
Engr. Juares Rizal bin Abdul Hamid  
Engr. Zamri bin Darus  
Engr. Manogaran a/l K. Raman  
Engr. Patrick Cyril Augustin  
Dato Engr. Abdul Rashid bin Yusof  
Dato' Engr. First Admiral Hj. Ahmad Murad bin Hj. Omar

**JAWATANKUASA TETAP KEBAJIKAN DAN HAL EHWAL PERKHIDMATAN**

*(Standing Committee on Welfare and Service Matters)*

**Pengerusi**

Engr. Choo Kok Beng

**Naib Pengerusi**

Datuk Engr. Rosaline Ganendra

**Setiausaha**

Engr. Ishak bin Abdul Rahman

**Ahli-Ahli**

Engr. Ms. Toh Ah Ching  
Engr. Khor Hock Keat  
Engr. Awangku Hidup bin Awangku Hosain  
Engr. Soo Tian Tiong  
Engr. Dr Abdul Rahim bin Bidin  
Engr. Dr Ramlee bin Karim  
Engr. Yim Hon Wa  
Engr. Lim Ah Hang  
Engr. Lee Eng Choy  
Engr. Lim Kay Beng  
Engr. Rocky Wong Hon Thang  
Engr. Chong @ Cheong Chi Sum  
Engr. Dr Cheong Thiam Fook  
Engr. Noor Hisham bin Yahaya  
Engr. Gary Lim Eng Hwa  
Engr. Fong Tian Yong  
Sdr. Mohd Syazwan bin Mohd Ghazali *(Wakil S/S)*



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

**Pengerusi**

Engr. Prof. Dr Ruslan bin Hassan

**Naib Pengerusi**

Engr. Yusouf bin Ahmad

**Setiausaha**

Engr. Lau Tai Onn

**Ketua Pengarang**

Engr. Prof. Dr Ruslan bin Hassan

**Pengarang Jurnal**

Engr. Prof. Madya Dr Aminuddin bin Mohd. Baki

**Jurnal Setiausaha**

Engr. Khairi Rijal bin Jamaluddin, Grad. IEM

**Ahli-Ahli**

Engr. Chin Mee Poon  
Engr. Prof. Madya Dr Luqman Chuah bin Abdullah, Grad. IEM  
Engr. Yee Thien Seng  
Engr. Hj. Look Keman bin Sahari  
Engr. Dr Ramlee bin Karim  
Engr. Prof. Mayda Dr Mohd. Saleh bin Jaafar  
Engr. Dr Arazi bin Idrus (*mulai 1.11.2008*)  
Engr. Wong Chee Hong, Grad. IEM (*Wakil S/S*)  
Engr. Mah Way Sheng Grad. IEM (*Wakil S/S*)

**JAWATANKUASA TETAP AKTIVITI**

(*Standing Committee on Activities*)

**Pengerusi**

Engr. Oon Chee Kheng

**Naib Pengerusi**

Engr. M.C. Hee

**Setiausaha**

Engr. Li Thang Fai

**Ahli-Ahli**

Engr. Lee Eng Choy  
Engr. Prof. Madya Dr Jeffrey Chiang Choong Luin  
Engr. Gopal Narian Kutty (*Wakil Jamuan Makan Malam*)  
Engr. Gary Lim Eng Hwa (*Wakil Pertandingan Gof*)  
Engr. Dr Cheong Thiam Fook (*Wakil Mekanik*)  
Engr. Dr Lee Teang Shui (*Wakil Pertanian dan Makanan*)  
Engr. Tu Yong Eng (*Wakil Awam & Struktur*)  
Engr. Lee Kok Chong (*Wakil Elektrik*)  
Engr. Lee Boon Chong (*Wakil Pengurusan Projek*)  
Engr. Ong Sang Woh (*Wakil Terowong*)  
Engr. Liew Shaw Shong (*Wakil Geoteknik*)  
Engr. Dr Hoh See Min (*Wakil Teknologi Maklumat*)  
Engr. Hj. Tunai bin Shamsidi (*Wakil Kimia*)  
Engr. Fathullah Razzaq bin Ghazali (*Wakil Minyak, Gas dan Galian*)  
Engr. Elias bin Saidin (*Wakil Sumber Air*)  
Engr. William Chai Peng Mun (*Wakil Pendidikan*)  
Engr. Jagathisen s/o Siva Perumal (*Wakil Pembuatan*)  
Engr. Gunasagaran a/l Kristnan (*Wakil Lebuhraya dan Pengangkutan*)  
Engr. Wong Win Heng, Grad. IEM (*Wakil Khidmat Bangunan*)  
Engr. Santha Kumaran a/l Erusan @ Krishnan (*Wakil Alam Sekitar*)

Sdr. Roland Ngeow Yen Wan (*Wakil S/S*)

Engr. Wong Chee Hong, Grad. IEM (*Wakil S/S*)

**JAWATANKUASA TETAP AMALAN PROFESIONAL**

(*Standing Committee on Professional Practice*)

**Pengerusi**

Engr. P.E. Chong

**Naib Pengerusi**

Engr. Lee Weng Onn

**Setiausaha**

Engr. Wong See Foong

**Ahli-Ahli**

Engr. Ms. Toh Ai Ching  
Engr. Rocky Wong HonThang  
Engr. Chen Thiam Leong  
Engr. Chung Siew Kong  
Engr. Yim Hon Wa  
Engr. Gunasagaran a/l Kristnan  
Engr. Dr Wong Chin Chaw  
Dato' Engr. Pang Leong Hoon  
Engr. Dr Tan Kuang Leong  
Engr. Lai Sze Ching  
Engr. Thin Choon Chai  
Engr. Mun Kwai Peng  
Engr. Chiam Teong Tee  
Engr. Juares Rizal bin Abdul Hamid  
Engr. Dr Ooi Teik Aun  
Dato' Engr. Ismail bin Samion  
Engr. Ng Yong Kong  
Engr. Luk Chau Beng  
Engr. M.C. Hee  
Engr. Prof. Madya Dr Jeffrey Chiang Choong Luin  
Engr. Yusouf bin Ahmad (*sehingga 7.10.2008*)  
Engr. Dr Ahmad Suhaimi bin Abdul Rahim (*sehingga 12.12.2008*)  
Engr. Murthy a/l Sivarajin, Grad. IEM (*Wakil S/S*)  
Engr. Jimmy Fam Deng Fong, Grad. IEM (*Wakil S/S*) (*alternate*)

**JAWATANKUASA TETAP HAL-HAL KORPORAT**

(*Standing Committee on Corporate Affairs*)

**Pengerusi**

Engr. Tan Yean Chin

**Naib Pengerusi**

Engr. Rocky Wong HonThang

**Setiausaha**

Engr. Gunasagaran a/l Kristnan

**Ahli-Ahli**

Engr. Cheong Chee Kwong  
Engr. Hj. Mohamed Ali bin Yusoff  
Engr. Ong Ching Loon  
Engr. Wong Shu Leong  
Engr. Dr Ooi Teik Aun  
Datuk Engr. Rosaline Ganendra  
Dato' Engr. Muhammad Imran bin Baharuddin  
Engr. Luk Chau Beng  
Engr. Manogaran a/l K. Raman  
Engr. Lim Ah Hang  
Engr. Dr Tan Kuang Leong  
Engr. Prof. Madya Dr Jeffrey Chiang Choong Luin  
Engr. Shuhairy bin Norhisham, Grad. IEM (*Wakil S/S*)  
Engr. Stanley Yap Yun Siong, Grad. IEM (*Wakil S/S*) (*alternate*)



**KEWANGAN**

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

**Pengerusi**

Engr. Prof. Madya Dr Jeffrey Chiang Choong Luin

**Naib Pengerusi**

Dato' Engr. (Dr) Hj. Abu Hashim bin Abd. Ghani

**Ahli-Ahli**

Engr. Lim Ah Hang  
Engr. Aw Kong Koy  
Engr. Lee Weng Onn  
Engr. Khor Hock Keat

**KEWANGAN**

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

**Pengerusi**

Dato' Engr. (Dr) Hj. Abu Hashim bin Abd. Ghani

**Naib Pengerusi**

Engr. Prof. Madya Dr Jeffrey Chiang Choong Luin

**Ahli-Ahli**

Datuk Engr. Prof. Dr Ow Chee Sheng  
Engr. Ng Yong Kong  
Engr. Dr Tan Yean Guan

**KEWANGAN**

**Jawatankuasa Kecil Pelaburan Dana IEM**  
(Sub Committee on IEM Investment)

**Pengerusi**

Engr. Khor Hock Keat

**KEWANGAN**

**Jawatankuasa AdHoc Semakan Garis Panduan  
Aktiviti**  
(Committee on Revision of Activities Guidelines)

**Pengerusi**

Engr. Lee Weng Onn

**Ahli-Ahli**

Engr. Hoo Choon Sean  
Engr. Lee Eng Choy  
Engr. MC Hee

**KEWANGAN**

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

**Pengerusi**

Dato' Engr. (Dr) Hj. Abu Hashim bin Abd. Ghani

**Ahli- Ahli**

Dato' Paduka Engr. Hj. Keizrul bin Abdullah  
Engr. Choo Kok Beng  
Engr. Yim Hon Wa

Datuk Engr. Prof. Dr Ow Chee Sheng  
Datuk Engr. (Dr) Hj. Ahmad Zaidee bin Laidin  
Engr. Ng Yong Kong  
Engr. Rocky Wong Hon Thang  
Dato' Engr. Prof. Dr Chuah Hean Teik  
Dato' Engr. Hj. Abdul Rashid bin Maidin  
Datuk Engr. Rosaline Ganendra

**KELAYAKAN DAN KEMASUKAN KEAHLIAN**  
**Jawatankuasa Kecil Lembaga Kemasukan Keahlian**  
(Membership Applications Board)

**Pengerusi**

Engr. Dr Abu Bakar bin Mahat

**Naib Pengerusi**

Engr. Chew Shee Fuee

**Setiausaha**

Engr. Hoo Choon Sean

**Ahli-Ahli**

Engr. Lee Boon Chong  
Engr. Dr Ahmad Suhaimi bin Abdul Rahim  
Engr. Lee Mei Wei  
Engr. Khew Swee Lian  
Engr. Abdul Rahim bin Othman  
Engr. Sia Han See  
Engr. Manogaran a/l K. Raman  
Engr. Juares Rizal bin Abdul Hamid  
Engr. Spencer Klumai  
Engr. Chan Zhi Han  
Engr. Jagjeet Singh Sidhu  
Engr. Cham Kok Soon  
Engr. Nagur Aziz bin Kamal Bashah  
Engr. Wong Chee Fui

**KELAYAKAN DAN KEMASUKAN KEAHLIAN**  
**Jawatankuasa Kecil Lembaga Akreditasi**  
(IEM Accreditation Board)

**Pengerusi**

Engr. Prof. Dr Zainal Abidin bin Ahmad

**Naib Pengerusi**

Engr. Kukanesan a/l Sakhthivel

**Setiausaha**

Engr. Hj. Mohamed Ali bin Yusoff

**Ahli-Ahli**

Engr. Ishak bin Abdul Rahman  
Engr. Chan Cheong Loong  
Engr. Yim Hon Wa  
Dato' Engr. Hj. Abdul Rashid bin Maidin  
Engr. Dr Ramlee bin Karim  
Engr. Prof. Dr K.S. Kannan  
Dato' Engr. Prof. Dr Chuah Hean Teik  
Engr. Mohd. Aman bin Hj. Dato' Idris  
Dato' Engr. Ismail bin Samion  
Engr. Bahardin bin Baharom  
Engr. Prof. Dr Mohd Ali bin Hashim



**KELAYAKAN DAN KEMASUKAN KEAHLIAN  
Jawatankuasa Kecil Menggiatkan Keahlian Dan  
Bimbingan Kerjaya**

*(Sub Committee on Membership Drive and Career Guidance)*

**Pengerusi**

Engr. Noor Hisham bin Yahaya

**Setiausaha**

Sdr Goh Chiat Wooi *(sehingga 4.9.2008)*

**Ahli-Ahli**

Engr. Dr Cheong Thiam Fook  
Engr. Ong Sang Woh  
Engr. Mohd Redza bin Mahmood  
Engr. Prof. Madya Adnan bin Zulkiple  
Engr. Prof Madya Dr Shuhaimi bin Mansor  
Engr. Navinderan a/l Mageswaran, Grad. IEM *(Wakil S/S)*  
Engr. Alex Tan Yew Aik Grad. IEM

**KELAYAKAN DAN KEMASUKAN KEAHLIAN  
Jawatankuasa AdHoc Bagi Jemputan Keahlian IEM  
serta pertimbangan semula Skim Jurutera Kanan  
*(Adhoc Committee on Invited Membership IEM and to  
Consider to re-Introduce the Senior Engineer Scheme)***

**Pengerusi**

Engr. Rocky Wong Hon Thang

**Ahli-Ahli**

Engr. Dr Philip Tan Ah Kow  
Engr. Dr Lee Teang Shui  
Engr. Noor Hisham bin Yahaya  
Engr. Dr Muhamad Fuad bin Abdullah

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

**Pengerusi**

Engr. Gunasagaran a/l Kristnan

**Ahli-Ahli**

Engr. Abdul Rahim bin Othman  
Datin Engr. Prof. Dr Masitah bt Hassan  
Engr. Mohd. Azha bin Abu Samah  
Engr. Dr Tee Tiam Ting

**PEPERIKSAAN DAN LATIHAN  
Lembaga Latihan IEM  
*(IEM Training Board)***

**Pengerusi**

Engr. Dr Lee Teang Shui

**Ahli-Ahli**

Engr. Khew Swee Lian  
Engr. Hj. Look Keman bin Sahari  
Engr. Li Thang Fai  
Engr. Loo Chee Kin  
Engr. Mat Nasir bin Kari  
Engr. Hj. Mohamad Asari bin Daud

**PEPERIKSAAN DAN LATIHAN  
Jawatankuasa Wakil EAC  
*(IEM representative to EAC)***

Dato' Engr. Hj. Abdul Rashid bin Maidin  
Engr. Ishak bin Abdul Rahman  
Dato' Engr. Prof. Dr Chuah Hean Teik  
Engr. Dr Ramlee bin Karim  
Engr. Hj. Mohamed Ali bin Yusoff  
Dato' Engr. Ismail bin Samion

**PEPERIKSAAN DAN LATIHAN  
Lembaga Temuduga Profesional  
*(Professional Interview Board)***

**Pengerusi**

Engr. Hoo Choon Sean

**Ahli-Ahli**

Engr. Hj. Mohamed Ali bin Yusoff  
Engr. Ng Yong Kong  
Engr. Tar Singh  
Engr. Abdul Rahim bin Othman  
Engr. Dr Ramlee bin Karim  
Engr. Gopal Narian Kutty  
Engr. Vincent Chen Kim Kieong  
Engr. Juares Rizal bin Abdul Hamid

**PEPERIKSAAN DAN LATIHAN  
Lembaga Peperiksaan IEM  
*(IEM Board of Examiners)***

**Pengerusi**

Engr. Prof. Dr Zainal Abidin bin Ahmad

**Ahli-Ahli**

Engr. Prof. Madya Hj. Megat Johari bin Megat Mohd Noor  
Engr. Hj. Mohd Rasid bin Osman  
Engr. Prof. Madya Dr Norman bin Mariun  
Engr. Prof. Mayda Dr Mohd. Saleh bin Jaafar  
Engr. Dr Ramlee bin Karim  
Engr. Prof. Mayda Dr Abdul Wahab bin Mohammad  
Dato' Engr. Ismail bin Samion  
Engr. Fuad bin Abas  
Engr. Prof. Madya Dr Siti Hawa bt Hamzah  
Datin Engr. Prof. Dr Masitah bt Hassan  
Engr. Prof. Madya Dr Arazi bin Idrus  
Engr. Mohd Aris bin Bernawi  
Dr. Titik Khawa bt Abdul Rahman  
Prof. Dr Azmi bin Ibrahim

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

**Pengerusi**

Engr. Prof. Dr Syed Abdul Kader bin Shaik Aljunid

**Ahli-Ahli**

Engr. Prof. Dr K.S. Kannan  
Engr. Chak Kai Tong  
Engr. Dr Ng See Seng  
Engr. Dr Ramlee bin Karim  
Engr. Hj. Mohd. Nor bin Abd. Basar  
Engr. Lim Ah Hang  
Engr. Prof. Madya Dr Mohd Yusof bin Abdul Rahman



**PEPERIKSAAN DAN LATIHAN**

**Jawatankuasa Adhoc Kualiti Jurutera Siswazah Masakini**  
(AdHoc Committee on Quality of Current Graduate Engineers)

**Pengerusi**

Engr. Patrick Cyril Augustin

**Ahli-Ahli**

Engr. Prof. Dr Syed Abdul Kader bin Shaik Aljunid  
Engr. Ng Yong Kong  
Engr. Maj (R) Hj. Ahmad Mazlan bin Othman  
Engr. David Ng Shiu Yuen  
Engr. Zamri bin Darus

**PEPERIKSAAN DAN LATIHAN**

**Jawatankuasa AdHoc Peperiksaan Kecekapam**  
(AdHoc Committee on Competency Examinations)

**Pengerusi**

Dato' Engr. Samsuddin bin Ismail

**Naib Pengerusi**

Engr. Prof. Dr Zainal Abidin bin Ahmad

**Ahli-Ahli**

Engr. Prof. Madya Adnan bin Zulkiple  
Engr. Dr Ahmad Suhaimi bin Abdul Rahim (*Wakil Alam Sekitar*)  
Engr. Ong Sang Woh (*Wakil Terowong*)  
Engr. Mah Soo (*Wakil Elektrik*)  
Engr. Lim Chean Fung (*Wakil Khidmat Bangunan*)  
Engr. Chong Chieng Fatt (*Wakil Mekanik*)  
Engr. Dr Heng Hock Hwee (*Wakil Sumber Air*)  
Engr. Razmahwata bin Mohd. Razalli (*Wakil Minyak, Gas dan Galian*)  
Engr. Gunasagaran a/l Kristnan (*Wakil Lebuhraya dan Pengangkutan*)  
Engr. Prof. Madya Dr Lariyah bt Mohd. Sidek (*Wakil Pendidikan*)  
Engr. Hooi Wing Chuen (*Wakil Awam & Struktur*)  
Engr. Lee Yee Seng (*Wakil Pembuatan*)  
Engr. Dr Ahmad Anuar bin Othman (*Wakil Pengurusan Projek*)  
Engr. Yee Yew Weng (*Wakil Geoteknik*)  
Engr. Dr Ramlee bin Karim (*Wakil Kimia*)  
Engr. Wong Kian Lon (*Wakil ACEM*)  
Engr. Wong See Foong (*Wakil ACEM*)

**PEPERIKSAAN DAN LATIHAN**

**Jawatankuasa AdHoc Latihan Tersusun untuk Jurutera Siswazah**  
(AdHoc Committee on Structured Training for Graduate Engineers)

**Pengerusi**

Engr. Gunasagaran a/l Kristnan

**Ahli-Ahli**

Datuk Engr. Prof. Dr Ow Chee Sheng  
Engr. Dr Lee Teang Shui  
Engr. Juares Rizal bin Abdul Hamid

Engr. Maj (R) Hj. Ahmad Mazlan bin Othman  
Engr. Prof. Dr Syed Abdul Kader bin Shaik Aljunid  
Engr. Tee Tong Kher  
Engr. Tu Yong Eng  
Engr. Prof. Mayda Dr Mohd. Saleh bin Jaafar  
Engr. Hoo Choon Sean  
Engr. Kukanesan a/l Sakthiveil  
Engr. Abdul Karim bin Mohamed Yunus

**PEPERIKSAAN DAN LATIHAN**

**Jawatankuasa AdHoc Latihan Tersusun untuk Untuk Jurutera Siswazah [Awam]**

(AdHoc Committee on Structured Training for Graduate Engineers) [Civil]

**Pengerusi**

Engr. Tu Yong Eng

**Ahli-Ahli**

Engr. Prof. Mayda Dr Mohd. Saleh bin Jaafar  
Engr. Dr Wesley Wong Yew Wei  
Engr. Prof. Madya Adnan bin Zulkiple  
Engr. Chow Chee Meng  
Engr. Suresh a/l Yegambaram, Grad. IEM

**PEPERIKSAAN DAN LATIHAN**

**Jawatankuasa AdHoc Latihan Tersusun untuk Untuk Jurutera Siswazah [Elektrikal]**

(AdHoc Committee on Structured Training for Graduate Engineers) [Electrical]

**Pengerusi**

Engr. Prof. Dr Syed Abdul Kader bin Shaik Aljunid

**Ahli-Ahli**

Dato' Engr. (Dr) Hj. Abu Hashim bin Abd. Ghani  
Engr. Prof. Mayda Dr Mohd. Saleh bin Jaafar  
Engr. Lee Chong Kiow  
Engr. Mah Soo  
Engr. Mej @ Michael Chan

**PEPERIKSAAN DAN LATIHAN**

**Jawatankuasa AdHoc Latihan Tersusun untuk Untuk Jurutera Siswazah [Mekanikal]**

(AdHoc Committee on Structured Training for Graduate Engineers) [Mechanical]

**Pengerusi**

Datuk Engr. Prof. Dr Ow Chee Sheng

**Ahli-Ahli**

Engr. Yim Hon Wa  
Engr. Loo Chee Kin  
Engr. Chan Yee Yan  
Engr. Lim Chean Fung



**PEPERIKSAAN DAN LATIHAN**

**Jawatankuasa AdHoc Latihan Tersusun untuk  
Untuk Jurutera Siswazah [Kimia]**  
(AdHoc Committee on Structured Training for Graduate  
Engineers) [Chemical]

**Pengerusi**

Engr. Juares Rizal bin Abdul Hamid

**Ahli-Ahli**

Engr. Chan Tuck Leong  
Engr. Dr Abdul Aziz bin Abdul Raman  
Engr. Dr Ramlee bin Karim  
Engr. Hj. Mohd. Nor bin Abd. Basar  
Engr. Chen Yew Seong  
Engr. Dr Law Chung Lim, Grad. IEM

**INFORMASI DAN PENERBITAN**

**Lembaga Penerbitan IEM**

(IEM Editorial Board)

**Pengerusi merangkap Pengarang Buletin**

Engr. Dr Ramlee bin Karim (*sehingga 1.6.2008*)  
Engr. Yee Thien Seng (*mulai 2.2.2008 hingga 1.9.2008*)  
Engr. Prof. Dr Ruslan bin Hassan (*mulai 2.9.2008*)

**Pengarang Jurnal**

Engr. Prof. Madya Dr Aminuddin bin Mohd. Baki

**Ahli-Ahli**

Engr. Hj. Look Keman bin Sahari  
Engr. Prof. Mayda Dr Mohd. Saleh bin Jaafar  
Engr. Chin Mee Poon  
Engr. Yee Thien Seng

**INFORMASI DAN PENERBITAN**

**Jawatankuasa Kecil mengenai Terbitan Jurnal**

(Sub Committee on Publication of Journals)

Engr. Prof. Madya Dr Aminuddin bin Mohd. Baki

**Setiausaha**

Engr. Khairur Rijal bin Jamaludin Grad. IEM

**Ahli-Ahli**

Prof. Madya Dr Zubaidah bt Ismail  
Engr. Mohd. Zawawi bin Ahmad  
Prof. Madya Dr Saad Mekhilef  
Engr. Ahmad Rasdan bin Ismail  
Engr. Prof. Mayda Dr Mohd. Saleh bin Jaafar  
Engr. Prof. Madya Dr Junaidah bt Ariffin  
Engr. Dr Muhammad Azmi bin Ayub  
Engr. Prof. Madya Dr Luqman Chuah bin Abdullah, Grad. IEM  
Engr. Dr Ramlee bin Karim  
Engr. Dr Nor Hayati bt Abdul Hamid, Grad. IEM  
Dr Raja Symsul Azmir bin Raja Abdullah

**INFORMASI DAN PENERBITAN**

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

**Pengerusi**

Engr. Prof. Madya Dr Luqman Chuah bin Abdullah Grad. IEM

**Naib Pengerusi**

Engr. Teoh Teik Seng

**Ahli-Ahli**

Engr. Dr Heng Hock Hwee  
Engr. Gregory Koay Feng Ling Grad. IEM

**INFORMASI DAN PENERBITAN**

**Jawatankuasa Kecil Projek Buku IEM**

(Sub Committee on IEM Book Project)

**Pengerusi**

Engr. Prof. Dr Ruslan bin Hassan

**Ahli-Ahli**

Engr. Chin Mee Poon  
Engr. Mah Soo  
Engr. Dr Zahrul Faizi bin Hussein  
Dato' Engr. Pang Leong Hoon  
Engr. Dr Gue See Sew  
Engr. Dr Ooi Teik Aun  
Engr. Rocky Wong Hon Thang  
Engr. Hj. Look Keman bin Sahari  
Engr. Mohd Khir bin Muhammad

**INFORMASI DAN PENERBITAN**

**Jawatankuasa Kecil Teknikal mengenai Buku  
Sejarah IEM dan Kejuruteraan**

(Working Committee on IEM Book Project)

**Pengerusi**

Engr. Prof. Dr Ruslan bin Hassan

**Ahli-Ahli**

Engr. Dr Ooi Teik Aun  
Engr. Chin Mee Poon  
Engr. Mah Soo  
Engr. Dr Zahrul Faizi bin Hussein  
Dato' Engr. Pang Leong Hoon

**AKTIVITI**

**Jawatankuasa Kecil Jamuan Makan Malam  
Dan Penganugerahan Tahunan 2008)**

(Sub on IEM Annual Dinner and Awards Night 2008)

**Pengerusi**

Engr. Gopal Narian Kutty

**Ahli-Ahli**

Engr. Luk Chau Beng  
Engr. Ng Yong Kong



**AKTIVITI**

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

**Pengerusi**

Engr. Gopal Narian Kuttly

**Penasihat**

Dato' Paduka Engr. Hj. Keizrul bin Abdullah  
Dato' Engr. Prof. Dr Chuah Hean Teik  
Engr. Oon Chee Kheng

**Ahli-Ahli**

Engr. Luk Chau Beng  
Engr. Ng Yong Kong  
Engr. Lum Youk Lee  
Sdr. Roland Ngeow Yen Wan

**AKTIVITI**

**Jawankuasa Kecil "Pertandingan Golf 2008"**  
(Sub Committee on Golf Competition 2008)

**Pengerusi**

Engr. Ng Yong Kong

**Penasihat**

Datuk Engr. Prof. Dr Ow Chee Sheng

**Ahli-Ahli**

Engr. Leong Siew Meng  
Engr. Yeo Boon Kah  
Dato' Engr. Muhammad Imran bin Baharuddin  
Engr. Gary Lim Eng Hwa  
Engr. Yim Hon Wa

**AMALAN PROFESIONAL**

**Jawatankuasa Kecil Mencegah Kebakaran**  
(Sub Committee on Fire Protection Services)

**Pengerusi**

Engr. Thin Choon Chai

**Ahli-Ahli**

Engr. Wong See Foong  
Engr. Chen Thiam Leong  
Engr. Yim Hon Wa  
Engr. Gary Lim Eng Hwa

**AMALAN PROFESIONAL**

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

**Koordinator**

Engr. Mun Kwai Peng

**Ahli-Ahli**

Engr. M.C. Hee  
Engr. Prof. Madya Dr Jeffrey Chiang Choong Luin

**Jawatankuasa Kecil Undang –Undang Kecil  
Bangunan Seragam**

(Sub Committee on "Street, Drainage And Building  
Act And UBBL)

**Pengerusi**

Engr. M.C. Hee

**Ahli-Ahli**

Engr. Chen Thiam Leong  
Engr. Wong See Foong  
Engr. Prof. Madya Dr Jeffrey Chiang Choong Luin  
Engr. Tu Yong Eng  
Engr. Ong Sang Woh  
Engr. David Chung Siew Kong

**AMALAN PROFESIONAL**

**Jawatankuasa Kecil Perlantikan Penimbangtaraan**  
(Sub Committee on Arbitration Nomination)

**Pengerusi**

Engr. P.E. Chong

**Ahli-Ahli**

Engr. Yim Hon Wa  
Engr. Lee Weng Onn

**AMALAN PROFESIONAL**

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

**Pengerusi**

Engr. Gunasagaran a/l Kristnan

**Ahli-Ahli**

Engr. Dr Ooi Teik Aun  
Engr. Thin Choon Chai  
Engr. Wong See Foong  
Engr. Ang Seah Heng  
Engr. Lim Eng Chong  
Engr. CMM Aboobucker  
Engr. Jeyapalan a/l Selvadurai  
Engr. Siew Yaw Jen  
Engr. Lai Sze Ching

**AMALAN PROFESIONAL**

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

**Pengerusi**

Engr. Rocky Wong HonThang

**Ahli-Ahli**

Engr. Yam Seng Lum  
Engr. Juares Rizal bin Abdul Hamid  
Dato' Engr. Johari bin Jaalam

**AMALAN PROFESIONAL**

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

**Pengerusi**

Engr. Dr Ooi Teik Aun

**Ahli-Ahli**

Engr. Gong Ngie Dee  
Engr. Khoo Choong Keow  
Engr. Zafrul bin Mahmood  
Engr. Jaginder Singh  
Engr. Lai Sze Ching  
Engr. Lim Kok Hing  
Engr. Leon Weng Seng



**AMLAN PROFESIONAL**

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

**Pengerusi**

Engr. Ms. Toh Ah Ching

**AMALAN PROFESIONAL**

**Jawatankuasa Kecil Pengiktirafan Sumbangan  
Jurutera & Pengkhususan Jurutera**  
(*Sub Committee on Hall of Fame for Engineers and  
Special Interest Personnel*)

**Pengerusi**

Dato' Engr. Pang Leong Hoon

**Ahli-Ahli**

Engr. Dr Ooi Teik Aun

**AMALAN PROFESIONAL**

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

**Pengerusi**

Engr. Yim Hon Wa

**Ahli-Ahli**

Engr. Tu Yong Eng  
Engr. Rocky Wong Hon Thang  
Engr. Hooi Kam Seng  
Engr. David Ng Shiu Yuen  
Engr. Muhammad Apandi bin Osman  
Engr. Luk Chau Beng  
Engr. Juares Rizal bin Abdul Hamid  
Engr. Zainal Abidin bin Othman  
Engr. Ng Yong Kong  
Engr. Dr Teoh Seng Giap  
Engr. P.E. Chong  
Engr. Vincent Chen Kim Kieong

**AMALAN PROFESIONAL**

**Jawatankuasa AdHoc Akta Pengukur Bangunan**  
(*AdHoc Committee on Building Surveyor Act*)

**Pengerusi**

Engr. Wong See Foong

**AMALAN PROFESIONAL**

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

**Pengerusi**

Engr. Yim Hon Wa

**AMALAN PROFESIONAL**

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

**Pengerusi**

Engr. Dr Ooi Teik Aun

**Ahli-Ahli**

Engr. Ms. Toh Ah Ching  
Engr. Dr Tan Yean Guan  
Engr. Chiam Teong Tee  
Engr. Assoc. Prof. Dr Chung Boon Kuan

**KEBAJIKAN DAN PERKHIDMATAN**

**Jawatankuasa Kecil “Minggu Kejuruteraan 2008/2009”**  
(*Sub Committee on Engineering Week 2008/2009*)

**Pengerusi**

Engr. Awangku Hidup bin Awangku Hosain

**KEBAJIKAN DAN PERKHIDMATAN**

**Jawatankuasa Kecil “Rumah Terbuka IEM”**  
(*Sub Committee on IEM Open House*)

**Pengerusi**

Engr. Awangku Hidup bin Awangku Hosain

**Ahli-Ahli**

Engr. Khor Hock Keat  
Engr. Siew Yaw Jen  
Engr. Gunasagaran a/l Kristnan  
Engr. Noor Hisham bin Yahaya  
Engr. Dr Cheong Thiam Fook  
Sdr. Roland Ngeow Yen Wan

**KEBAJIKAN DAN PERKHIDMATAN**

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

**Pengerusi**

Engr. Soo Tian Tiong

**Ahli-Ahli**

Engr. Dr Ooi Teik Aun  
En. Yeoh Tong Eng (*Sifu Senaman*)

**KEBAJIKAN DAN PERKHIDMATAN**

**Jawatankuasa Kecil Hal-Hal Insuran**  
(*Sub Committee on Insurance Matters*)

**Pengerusi**

Engr. Yim Hon Wa

**KEBAJIKAN DAN PERKHIDMATAN**

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

**Pengerusi**

Engr. Ms. Toh Ah Ching

**Timbalan Pengerusi**

Engr. Ms. Chin Lee Leng

**Setiausaha**

Engr. Kumari Nalini a/p P. Subramaniam

**Ahli-Ahli**

Engr. Ms. Lau Yuk Ma  
Engr. Ms. Magdalene Tan Lee  
Engr. Dr Maisarah bt Ali  
Engr. Dr Marlinda bt Abdul Malek



Engr. Prof. Madya Hayati bt Abdullah  
Engr. Raftah bt Mahfar  
Engr. Ms.Gowry Thambirajah, Grad. IEM  
Engr. Habibah @ Norehan bt Hj. Haron, Grad. IEM

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

**Pengerusi**  
Engr. Khor Hock Keat

**KEBAJIKAN DAN PERKHIDMATAN**  
**Jawatankuasa Kecil "Hal Ehwal Masyarakat"**  
*(Sub Committee on Community Services)*

**Pengerusi**  
Engr. Fong Tian Yong

**KEBAJIKAN DAN PERKHIDMATAN**  
**Jawatankuasa Kecil Jurutera Sementara/Juru'tara**  
*(Sub Committee on Term Ing")*

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

**KEBAJIKAN DAN PERKHIDMATAN**  
**Jawatankuasa Kecil Insuran Pampasan Profesional**  
*(Sub Committee on Professional Indemnity Insurance)*

**Pengerusi**  
Engr. Choo Kok Beng

**KEBAJIKAN DAN PERKHIDMATAN**  
**Jawatankuasa Kecil " Pencapaian Terbaik dalam STPM/SPM 2008**  
*(Sub Committee on Outstanding Performance in STPM/SPM 2008)*

**Pengerusi**  
Engr. Awangku Hidup bin Awangku Hosain

**KEBAJIKAN DAN PERKHIDMATAN**  
**Jawatankuasa Kecil Sosial dan Kebajikan Ahli**  
*(Sub Committee on Social and Welfare Members)*

**Pengerusi**  
Engr. Khor Hock Keat

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

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

**KEBAJIKAN DAN PERKHIDMATAN**  
**Jawatankuasa Kecil "Jurutera Wargamas"**  
*(Sub Committee on "Jurutera Wargamas")*

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

**HAL HAL KORPORAT/CORPORATE AFFAIRS**  
**Jawatankuasa Kecil Projek Khas**  
*(Sub Committee on Special Projects)*

**Pengerusi**  
Engr. Dr Ooi Teik Aun

**Ahli- Ahli**  
Engr. Rocky Wong Hon Thang  
Engr. Ong Ching Loon

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

**Pengerusi**  
Engr. Rocky Wong Hon Thang

**Ahli- Ahli**  
Engr. Cheong Chee Kwong  
Engr. Satha Anandam Maniam  
Engr. Choo Kok Beng

**HAL HAL KORPORAT/CORPORATE AFFAIRS**  
**Jawatankuasa Kecil Pehubungan Awam**  
*(Sub Committee on Rublic Relation Matters)*

**Pengerusi**  
Engr. Dr Tan Kuang Leong

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

**Wakil**  
Engr. Dr Gue See Sew

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

**Wakil**  
Engr. Dr Gue See Sew  
Dato' Engr. Hj. Abdul Rashid bin Maidin

**HAL HAL KORPORAT/CORPORATE AFFAIRS**  
**Wakil IEM ke Jawatankuasa Pengawalan Nasional APEC Untuk Badan Profesional**  
*(IEM Representatives on the APEC National Monitoring Committee for Professional Body)*

**Wakil**  
Dato' Engr. Prof. Dr Chuah Hean Teik  
Dato' Engr. Hj. Abdul Rashid bin Maidin



**HAL HAL KORPORAT/CORPORATE AFFAIRS**

**Jawatankuasa Pendaftaran bagi  
APEC/Profesional Antarabangsa  
(APEC/EMF Registration Committee)**

**Pengerusi**

Engr. Dr Gue See Sew

**Ahli-Ahli**

Engr. Cheong Chee Kwong  
Engr. Looi Hip Peu  
Engr. Mah Soo  
Engr. Dr Abu Bakar bin Mahat  
Engr. Dr Hj. Muhammad Fuad bin Abdullah  
Engr Ang Choon Hug  
Datuk Engr. Prof. Dr Ow Chee Sheng  
Engr. Dr Ahmad Fikri bin Hussein  
Dato' Engr. Prof. Dr Chuah Hean Teik  
Engr. Foong Choy Chye  
Engr. Manogaran a/l K. Raman

**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' Paduka Engr. Hj. Keizrul bin Abdullah

**Wakil**

Engr. Prof. Madya Dr Jeffrey Chiang Choong Luin  
Engr. Tan Yean Chin

**HAL HAL KORPORAT/CORPORATE AFFAIRS**

**Jawatankuasa Pengawasan dan Ko-ordinasi Hal-Hal AFEO  
(IEM – AFEO Local Co-ordinating Committee)**

**Yang Dipertua**

Dato' Paduka Engr. Hj. Keizrul bin Abdullah

**Wakil**

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

**HAL HAL KORPORAT/CORPORATE AFFAIRS**

**Jawatankuasa Pengawasan dan Ko-ordinasi Hal-Hal  
FEIAP  
(IEM – FEIAP Co-ordinating Committee)**

**Yang Dipertua**

Dato' Paduka Engr. Hj. Keizrul bin Abdullah

**Wakil**

Engr. Assoc. Prof. Dr Jeffrey Chiang Choong Luin  
Engr. Tan Yean Chin

**HAL HAL KORPORAT/CORPORATE AFFAIRS**

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

**Pengerusi**

Engr. Tan Yean Chin

**Ahli-Ahli**

Engr. Cheong Chee Kwong  
Engr. Rocky Wong Hon Thang  
Engr. Choo Kok Beng  
Engr. Gunasagaran a/l Kristnan

**HAL HAL KORPORAT/CORPORATE AFFAIRS**

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

**Pengerusi**

Engr. Tan Yean Chin

**Ahli-Ahli**

Engr. Cheong Chee Kwong  
Engr. Rocky Wong Hon Thang  
Engr. Choo Kok Beng  
Engr. Gunasagaran a/l Kristnan

**HAL HAL KORPORAT/CORPORATE AFFAIRS**

**Jawatankuasa Pendaftaran Jurutera ASEAN  
(ASEAN Engineers Register Executive Committee)**

**Pengerusi**

Engr. Rocky Wong Hon Thang

**Setiausaha/Bendahari**

Engr. Hj. Mohamed Ali bin Yusoff

**Ahli-Ahli**

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

**Setiausaha Am AFEO**

Engr. Tan Yean Chin

**Penasihat Kehormat AFEO**

Engr. Choo Kok Beng

**HAL HAL KORPORAT/CORPORATE AFFAIRS**

**Jawatankuasa Pengawasan Pendaftaran Nasional  
Jurutera ASEAN  
(ASEAN Engineers Register National Monitoring Committee)**

**Pengerusi**

Dato' Engr. Hj. Abdul Rashid bin Maidin

**Naib Pengerusi**

Engr. Choo Kok Beng

**Setiausaha/Bendahari/Pendaftar Negara**

Engr. Hj. Mohamed Ali bin Yusoff

**Ahli-Ahli**

Engr. Rocky Wong Hon Thang  
Engr. Dr Hj. Muhammad Fuad bin Abdullah  
Dato' Engr. (Dr) Andy Seo Kian Haw  
Engr. Cheong Chee Kwong  
Dato' Engr. Prof. Dr Chuah Hean Teik



**HAL HAL KORPORAT/CORPORATE AFFAIRS**

**Jawatankuasa Khas Pameran MSE**

*(Special Committee on Malaysian Services Exhibition)*

**Pengerusi**

Engr. Rocky Wong Hon Thang

**Ahli- Ahli**

Engr. Choo Kok Beng  
Engr. Ong Ching Loon  
Engr. Cheong Chee Kwong  
Engr. Satha Anandam Maniam

**HAL HAL KORPORAT/CORPORATE AFFAIRS**

**Jawatankuasa Tempatan Pengawasan dan Ko-ordinasi  
FEIC**

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

**Yang Dipertua**

Dato' Paduka Engr. Hj. Keizrul bin Abdullah

**Wakil**

Dato' Engr. Prof. Dr Chuah Hean Teik  
Engr. Prof. Madya Dr Jeffrey Chiang Choong Luin  
Engr. Tan Yean Chin

**HAL HAL KORPORAT/CORPORATE AFFAIRS**

**Jawatankuasa Khas “MOU/MOA”**

*(Special Committee to look into MOU/MOA)*

**Pengerusi**

Engr. Hj. Mohamed Ali bin Yusoff

**JAWATANKUASA ADHOC**

**Jawatankuasa “Liaison IEM/IES”**

*(IEM/IES Liaison Committee)*

**Pengerusi (Yang Dipertua)**

Dato' Paduka Engr. Hj. Keizrul bin Abdullah

**Naib Pengerusi (Timbalan Yang Dipertua)**

Dato' Engr. Prof. Dr Chuah Hean Teik

**Setiausaha (Setiausaha Kehormat)**

Engr. Prof. Madya Dr Jeffrey Chiang Choong Luin

**JAWATANKUASA ADHOC**

**Jawatankuasa Penganugerahan IEM**

*(AdHoc Committee on IEM Awards)*

**Pengerusi**

Dato' Paduka Engr. Hj. Keizrul bin Abdullah

**Naib Pengerusi**

Dato' Engr. Prof. Dr Chuah Hean Teik

**Ahli- Ahli**

Engr. Vincent Chen Kim Kieong  
Engr. Prof. Dr Ruslan bin Hassan  
Dato' Engr. Hj. Abdul Rashid bin Maidin  
Engr. Tan Yean Chin  
Engr. P.E. Chong  
Engr. Choo Kok Beng  
Engr. Oon Chee Kheng

**JAWATANKUASA ADHOC**

**Wakil IEM ke Lembaga Jurutera Malaysia**

*(IEM Representatives on the Board of Engineers Malaysia)*

**Pengerusi**

Dato' Engr. Prof. Dr Chuah Hean Teik

**Ahli-Ahli**

Engr. Vincent Chen Kim Kieong  
Engr. Prof. Dr Ruslan bin Hassan  
Engr. Tan Yean Chin  
Engr. P.E. Chong

**JAWATANKUASA KHAS**

**Jawatankuasa Pindaan Perlembagaan dan Undang-  
Undang Kecil IEM**

*(Special Committee on Amendments to the IEM Constitution  
And Bylaws)*

**Pengerusi**

Engr. Chiam Teong Tee

**Ahli-Ahli**

Dato' Engr. Pang Leong Hoon  
Engr. C.M.M. Aboobucker  
Engr. Dr Ooi Teik Aun

**JAWATANKUASA ADHOC**

**Wakil IEM ke AFEO**

*(IEM representation on AFEO)*

**Yang Dipertua**

Dato' Paduka Engr. Hj. Keizrul bin Abdullah

**Timbalan Yang Dipertua**

Dato' Engr. Prof. Dr Chuah Hean Teik  
*(alternate)*

**Setiausaha Kehormat**

Engr. Prof. Madya Dr Jeffrey Chiang Choong Luin

**Ahli-Ahli**

Engr. Tan Yean Chin *(Pengerusi, J/K Tetap Hal-hal Korporat)*  
Dato' Engr. Hj. Abdul Rashid bin Maidin *(Pengerusi NMC)*  
Engr. Rocky Wong Hon Thang *(Head Commissioner)*  
Engr. Hj. Mohamed Ali bin Yusoff *(Setiausaha/Bendahari AER)*

**JAWATANKUASA KHAS PROJEK DAN**

**KURSUS MEKANIKAL**

*(Organising Committee on Projects and Courses for  
Mechanical Engineering)*

**Pengerusi**

Engr. Lum Youk Lee

**Ahli-Ahli**

Engr. Gopal Narian Kutty  
Engr. Dr Ng See Seng  
Engr. Cheng Chee Song  
Engr. Chan Jian Wen, Grad. IEM  
Engr. Kannan S/o M. Munisamy, Grad.IEM



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

**Pengerusi**

Engr. Yee Yew Weng

**Timbalan Pengerusi**

Engr. Lee Eng Choy

**Setiausaha / Bendahari**

Engr. Liew Shaw Shong

**Penasihat**

Engr. Tan Yean Chin

**Ahli-Ahli**

Engr. Mun Kwai Peng

Engr. Dr Ooi Teik Aun

Engr. Dr Chan Sin Fatt

Engr. Kenny Yee Kwong Sing

Engr. Chushai Guan

Engr. Yee Thien Seng

Sdr Tan Ek Khai (*Co-opted*)

Engr. Chow Chee Meng (*Co-opted*)

Engr. Sofiana Blakhis bt. Dato' Mohd. Talha (*Co-opted*)

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

**Pengerusi**

Engr. Mah Soo

**Timbalan Pengerusi**

Engr. Lee Kok Chong

**Setiausaha / Bendahari**

Engr. Mac Yew Teik Kuan

**Penasihat**

Engr. Yusouf bin Ahmad

**Ahli-Ahli**

Engr. Faridon bin Talib

Engr. Lam Sing Yew

Engr. Satha Anandam Maniam

Engr. Mohd Redza bin Mahmood

Engr. Hj. Naina Mohamed bin Mohd. Khalid

Engr. Mohd. Azha bin Abu Samah

Engr. Chew Boon Kheng (*Co-opted*)

Engr. Goon Kid Seng (*Co-opted*)

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

**Pengerusi**

Engr. Dr Ramlee bin Karim

**Timbalan Pengerusi**

Engr. Hj. Tunai Shamsidi bin Ahmad

**Setiausaha/Bendahari**

Engr. Dr. Chan Tuck Leong

**Penasihat**

Engr. Juares Rizal bin Abdul Hamid

**Ahli-Ahli**

Engr. Dr Abdul Aziz bin Abdul Raman

Engr. Tan Kwok Hui

Engr. Mohamad Fadzil bin Adnan @ Nan

Engr. Dr Thomas Choong Shean Yaw

Engr. Prof Madya Dr Law Chung Lim, Grad. IEM

Engr. Chew Gim Cheng (*Co-opted*)

Engr. Dr Dominic Foo Chwan Yee, Grad. IEM (*Co-opted*)

Engr. Jeyanthi Ramasamy, Grad. IEM (*Co-opted*)

Engr. Thayananthan Balakrishnan Grad. IEM (*Co-opted*)

**BAHAGIAN TEKNIK KEJURUTERAAN PERTANIAN  
DAN MAKANAN**

(*Agricultural and Food Engineering Technical Division*)

**Pengerusi**

Engr. Dr Lee Teang Shui

**Timbalan Pengerusi**

Engr. S. Kumar a/l S. Subramaniam

**Setiausaha / Bendahari**

Engr. Ayob bin Sukra

**Penasihat**

Engr. Ooi Ho Seng

**Ahli-Ahli**

Engr. Yong Hong Liang

Engr. Tang Hee Teik

Engr. Dr Chin Nyuk Ling

Engr. Dr Rezuwan bin Kamaruddin

Engr. Vasan a/l Muriappan, Grad. IEM

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

**Pengerusi**

Engr. Dr Aminuddin bin Mohd. Baki

**Timbalan Pengerusi**

Engr. Chong Sun Fatt

**Setiausaha / Bendahari**

Engr. Dr Marlinda bt. Abdul Malek

**Penasihat**

Engr. Liam We Lin

**Ahli-Ahli**

Engr. Dr Heng Hock Hwee

Engr. Kok Choo Mei

Engr. Ellias bin Saidin

Engr. Nor Hisham bin Mohd. Ghazali

Engr. Dr Teoh Seng Giap

Engr. Zaki bin Zainudin, Grad. IEM

Engr. Zainal Abidin bin Othman (*Co-opted*)

Engr. Prof. Madya Dr Hj. Othman bin Abdul Karim (*Co-opted*)

Engr. Dr. Wong Wai Sam (*Co-opted*)

Engr. Cik Nik Nabeelah bt Nik Ibrahim Grad. IEM (*Co-opted*)

**BAHAGIAN TEKNIK KEJURUTERAAN PEMBUATAN**  
(*Manufacturing Engineering Technical Division*)

**Pengerusi**

Engr. Jagathisen s/o Siva Perumal

**Timbalan Pengerusi**

Engr. Lai Ah Ying

**Setiausaha / Bendahari**

Engr. William Chai Peng Mun

**Penasihat**

Dato' Engr. (Dr) Andy Seo Kian Haw

**Ahli-Ahli**

Engr. Tang Chee Yong

Engr. Woo Mun Meng

Engr. Ma Meng Fook

Engr. Lim Beng Hean

Engr. Alan Poh Tze Miang, Grad. IEM

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

**Pengerusi**

Engr. Lum Youk Lee



**Timbalan Pengerusi**  
Engr. Cheong Thiam Fook

**Setiausaha / Bendahari**  
Engr. Noor Hisham bin Yahaya

**Penasihat**  
Engr. Luk Chau Beng

**Ahli-Ahli**  
Engr. Gopal Narian Kutty  
Engr. Dr Philip Tan Ah Kow  
Engr. Hsiung Teck Pin  
Engr. Fam Yew Hin  
Engr. Loo Chee Kin  
Engr. Kannan a/l M Munisamy  
Engr. Ms. Susie Wong Choon Yoong  
Engr. Dr Chong Chien Fatt (Co-opted)  
Engr. Ong Hoo Teong (Co-opted)  
Engr. Soong Peng Soon (Co-opted)  
Engr. Chan Jian Wen, Grad. IEM (Co-opted)

**KUMPULAN KECENDERUNGAN KHAS TEKNOLOGI  
MAKLUMAT**  
(Information Technology Special Interest Group)

**Pengerusi**  
Engr. Abdul Fattah bin Mohamed Yatim

**Timbalan Pengerusi**  
Engr. Tejinder Singh

**Setiausaha / Bendahari**  
Engr. Foo Jong Wee

**Penasihat**  
Engr. Tan Seng Khoon

**Ahli-Ahli**  
Engr. Lim Ee Chui  
Engr. Abdul Karim bin Mohamed Yunus  
Engr. Phillip Wong  
Engr. Amir Husseain bin Jaafar  
Engr. Chin Kok You  
Engr. Loo Kin Leong  
Engr. Warren Soh Kay Hoh (Co-opted)  
Engr. Dr Hoh See Min, Grad. IEM (Co-opted)

**BAHAGIAN TEKNIK KEJURUTERAAN KHIDMAT  
BANGUNAN**  
(Building Services Technical Division)

**Pengerusi**  
Engr. Gary Lim Eng Hwa

**Timbalan Pengerusi**  
Engr. Phang Chen Faut

**Setiausaha / Bendahari**  
Engr. Lam Kim Seong

**Penasihat**  
Engr. Ong Ching Loon

**Ahli-Ahli**  
Engr. Cha Hoong Kum  
Engr. Wong Chu Loong  
Engr. Syed Arifin bin Syed Hussian Alhabshee  
Engr. Tay Teck Beng  
Engr. Lim Chean Fung  
Engr. Wong Win Heng, Grad. IEM  
Engr. Amir Soffian bin Abdul Razak (Co-opted)  
Engr. Ng Yong Kong (Co-opted)  
Engr. Ung Ah Hock (Co-opted)  
Engr. Tan Chioo Bin (Co-opted)  
Engr. Daniel Lim Kim Chuan (Co-opted)

**BAHAGIAN TEKNIK KEJURUTERAAN LEBUHRAYA  
DAN PENGANGKUTAN**  
(Highway and Transportation Engineering Technical Division)

**Pengerusi**  
Engr. Prof. Madya Adnan bin Zulkiple

**Timbalan Pengerusi**  
Engr. Gunasagaran a/l Kristnan

**Penasihat**  
Engr. Chin Kar Keong

**Ahli-Ahli**  
Engr. Hj. Che Mohd Hashim bin Che Daud  
Engr. Rosli bin Idrus  
Engr. Richard Wong Chuen Fun  
Engr. Christina Ju Mukhtar, Grad. IEM  
Engr. Chong Chooi Kong @ Chong Kee (Co-opted)  
Engr. Somasuntharam a/l Chinniah (Co-opted)  
Engr. Nah Teik Ong (Co-opted)  
Engr. Shuhairy bin Norhisham, Grad. IEM (Co-opted)

**BAHAGIAN TEKNIK KEJURUTERAAN AWAM DAN STRUKTUR**  
(Civil and Structural Engineering Technical Division)

**Pengerusi**  
Engr. Tu Yong Eng

**Timbalan Pengerusi**  
Engr. Teoh Teik Seng

**Setiausaha / Bendahari**  
Engr. Ong Sang Woh

**Penasihat**  
Engr. Prof. Madya Dr Jeffrey Chiang Choong Luin

**Ahli-Ahli**  
Engr. M.C. Hee  
Engr. Boone Lim Boon Chye  
Engr. Dr Wesley Wong Yew Wei  
Engr. Murthi a/l Silvarajin, Grad. IEM  
Engr. Suresh a/l Yegambaram, Grad. IEM  
Engr. Hooi Wing Chuen (Co-opted)  
Engr. Lum Peng Fatt (Co-opted)  
Engr. Prof. Dr Mohd. Zamin bin Jumaat (Co-opted)  
Engr. David Ng Shiu Yuen (Co-opted)  
Engr. Prof. Mayda Dr Mohd. Saleh bin Jaafar (Co-opted)  
(sehingga 21.1.09)

**BAHAGIAN TEKNIK KEJURUTERAAN ALAM SEKITAR**  
(Environmental Engineering Technical Division)

**Pengerusi**  
Engr. Khew Swee Lian

**Timbalan Pengerusi**  
Engr. Prof. Dr Ruslan bin Hassan

**Setiausaha / Bendahari**  
Engr. Fan Hong Poh

**Penasihat**  
Engr. Prof. Dr Suhaimi bin Abdul Talib

**Ahli-Ahli**  
Engr. Tan Boon Heng  
Engr. Santha Kumaran a/l Erusan @ Krishnan  
Engr. Yeoh Chin Seng  
Engr. Lim Tian Lu  
Engr. Tan Chee Seng  
Engr. Choo Chee Ming (sehingga 12.12.08)  
Engr. Dr. Yin Chun Yang, Grad. IEM  
Engr. Hooi Kam Seng (Co-opted)  
Engr. Lee Heng Keng (Co-opted)  
Engr. Hussein bin Rahmat (Co-opted)



**BAHAGIAN TEKNIK KEJURUTERAAN PENDIDIKAN  
KEJURUTERAAN**

*(Engineering Education Technical Division)*

**Pengerusi**

Engr. Prof. Madya Dr Lariyah bt Mohd. Sidek

**Timbalan Pengerusi**

Engr. Prof. Madya Dr Zainab bt Mohamed

**Setiausaha**

Engr. Jayaseelan a/l Nadarajah

**Penasihat**

Engr. Hj. Mohd Rasid bin Osman

**Ahli-Ahli**

Engr. Soon Woi Kheng  
Engr. William Chai Peng Mun  
Engr. Prof. Madya Hj. Megat Johari bin Megat Mohd Noor  
Engr. Dr Faris Tarlochan, Grad. IEM  
Engr. Abdul Ghani Liew bin Abdullah Grad. IEM  
Engr. Ismail bin Ibrahim Grad. IEM (Co-opted)  
Engr. Balamuralithara a/l Balakrishnan Grad. IEM (Co-opted)

**BAHAGIAN TEKNIK PENGURUSAN PROJEK**

*(Project Management Technical Division)*

**Pengerusi**

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

**Timbalan Pengerusi**

Engr. Lee Boon Chong

**Setiausaha / Bendahari**

Engr. Hjh Endok Sempo bt Hj M Tahir

**Penasihat**

Engr. Frankie Chong Kwet Hin

**Ahli-Ahli**

Engr. Mustafa bin Tek  
Engr. Khew Swee Lian  
Engr. Capt. Annuar bin Murad Grad. IEM  
Engr. Faizal bin Abdullah Sanusi  
Engr. Dr Ahmad Anuar bin Othman  
Engr. Tan Ban Loong  
Engr. Yam Teong Sian (Co-opted)  
Engr. Kanagasingam a/l Kanapathy Pillai Grad. IEM (Co-opted)  
Dato Engr. Kazal Sinha a/l A.C. (Co-opted)

**BAHAGIAN TEKNIK KEJURUTERAAN MINYAK, GAS  
DAN GALIAN**

*(Oil, Gas and Mining Technical Division)*

**Pengerusi**

Engr. Muhammad Apandi bin Osman

**Timbalan Pengerusi**

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2	BEM - Application Committee	Engr. Bahardin Baharom	0/0	Excomm
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4	BEM – Engineers Act	Engr. Yim Hon Wa	1/1 28.11.08	Excomm
5	BEM – Jawatankuasa Amalan Ikhtisas (Professional Practice)	Engr. Lee Weng Onn	0/0	Professional Practice Post appointment Chairman and Vice Chairman PPC
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10	BEM – WG Classification of Engineering Consultancy Practices (ECPs)	Engr. Dr. Tan Yean Guan	1/1 15.01.08	Professional Practice
11	BEM – WG Proposed Geologist Act	Engr. Dr Ooi Teik Aun	0/0	Professional Practice
12	BIM - Adhoc Professional Services Day Committee	Y. Bhg Datuk Engr. Rosaline Ganendra	0/0	Welfare (Mizi)
13	BIM – Board of Management (BOM)	Dato' Engr. Abdul Rashid Maidin Engr. Choo Kok Beng Engr. Rocky Wong Hon Thang Engr. S. Kukanesan (Alt)	3/3 5.3.08 26.7.08 17.12.08	Excomm
14	BIM – Corporate Affair Committee (CAC)	Dato' Engr. Abdul Rashid Maidin Engr. Rocky Wong Hon Thang	2/2 14.4.2008 18/6/08	Appointment not by IEM
15	BIM – Executive Committee (EXCO)	Dato' Engr. Abdul Rashid Maidin Engr. Choo Kok Beng	3/4 9.1.2008 20.6.08 5.11.08 7.1.09	Appointment not by IEM – selected from BIM Board of Management
16	BIM - Training and Education Fund Committee (TEFC)	Engr. Choo Kok Beng	1/1 19.11.08	Appointment not by IEM
17	CIDB – (OSH) Safety and Health Assessment System in Construction (SHASSIC)	Engr. K. Gunasagaran	1/1 21.7.2008	Professional Practice
18	CIDB - "Jawatankuasa Pembangunan Integriti Dalam Industri Pembinaan"	Engr. Rocky Wong Hon Thang	2/2 14.2.2008 22.8.2008	Corporate Affairs
19	CIDB – Ahli Jawatankuasa Garispanduan Sistem Pengurusan Alam Sekitar Untuk Industri Pembinaan.	Engr. Hussien Rahmat	1/1 16.4.2008	Professional Practice
20	CIDB – Ahli Jawatankuasa Teknikal Amalan Pemulihan Alam Sekitar Dalam Industri Pembinaan.	Engr. Prof. Dr Ruslan Hassan	1/1 19.3.2008	Professional Practice
21	CIDB – Fokus Perkhidmatan Pembinaan (Focus Group Construction Services).	Engr. Dr. Gue See Sew	0/0	Professional Practice
22	CIDB - J/K Teknikal Bagi Construction Practice untuk Penyediaan Standard Malaysia	Engr. Tu Yong Eng	1/1 24.10.2008	Civil & Structural



NO	COMMITTEES	REPRESENTATIVES	ATTEND	STD. COMM
23	CIDB - Jawatankuasa Pemandu Bagi "Industrialised Building Systems" Session 2007-2010	Engr. Ong Chin Loong Engr. Gary Lim Eng Hwa	0/0	Professional Practice
24	CIDB - Penubuhan J/K Pembangunan Pelan Penguatkuasaan (Enforcement) Standard Malaysia ke atas bahan Binaan	Engr. Boone Lim Engr. Tu Yong Eng	0/0	Civil & Structural
25	CIDB - The Proposed Construction Industry Payment and Adjudication Act.	Engr. Engr. PE Chong Engr. Lee Weng Onn (alt)	1/1 2.4.2008	Professional Practice
26	CIDB – WG6: Waste Minimisation and Recycling Potential of Construction Materials.	Engr. Dr. Suhaimi Abdul Talib	0/0	Environmental
27	CIDB (CIMP) - ST 3:SWG:3 ST3: Strive for Highest Level Quality, OHS and Environmental Practices for the period 2008-2010	Engr. Khew Swee Lian Engr. Lim Tiam Lu	1/1	Environmental
28	CIDB (CIMP) - ST 4:SWG:1 Promote and enforce the use of skilled labour (building capacity)	Engr. Hasnida binti Abd Manan	1/1	Education Engineering
29	CIDB- CIMP Working Committee 3 (WC 3)	Engr. Khew Swee Lian Engr. Lim Tiam Lu	0/0	Environmental
30	CREAM – Board of Trustees	Engr. Prof Dr Ruslan Hassan	1/1 29.1.2008	EXCOMM
31	CREAM – Panel Penilai Teknikal bagi Permohonan Peruntukan Penyelidikan di bawah CIDB	Engr. Prof Dr Ruslan Hassan	0/0	EXCOMM
32	Dewan Bandar Raya Kuala Lumpur- Taklimat Mengenai Pusat Setempat (OSC), Dewan Bandar Raya Kuala Lumpur.	Engr. P.E Chong	1/1 11.7.2008	EXCOMM
33	Jabatan Alam Sekitar Mesyuarat Bagi Membincangkan Program Pengawasan "Indoor Air Quality".	Engr. Khew Swee Lian	1/1 22.01.2008	Direct appointment by JAS
34	Jabatan Peguam Negara- Isu-isu Akta Timbangtara 2005 (AKTA 646)	Engr. Dr. Ooi Teik Aun Engr. Lai Sze Ching	2/2 26/5/08 24.7.2008	Dispute Resolution
35	Jabatan Perancangan Bandar & Desa Semenanjung Malaysia - Mesyuarat J/K Penyelarasan Asas Rujukan Bagi Penyediaan Garis Panduan Pembangunan Papan tanda dan Papan Iklan	Engr. Dr. Safri Kamal Hj Ahmad	0/0	Highway & Transport
36	Jabatan Perancangan Bandar dan Desa Semenanjung Malaysia - J/K Pakar Bagi Garis Panduan Pengenalpastian dan Pembangunan Semula Kawasan Brownfield	Engr. Lai Sze Ching	0/0	Professional Practice
37	Jawatankuasa Penasihat Politeknik Sultan Azlan Shah Behrang Perak	Engr. William Chai Peng Mun	0/0	Electrical
38	JKR - J/Kpenetapan Kehendak Keselamatan dan Kesihatan Pekerjaan Dalam Tawaran dan Kontrak Binaan.	Engr. Noorhisham bin Yahaya	0/0	Mechanical
39	JPS – Jawatankuasa Teknikal Penyediaan Standard Manual Saliran Mesra Alam (MSMA)	Engr. Liam We Lin Engr. Chong Sun Fatt	0/0	Professional Practice
40	JSM/DSM/MOSTI - Jawatankuasa Akreditasi Kebangsaan (National Accreditation Committee [NAC])	Engr. Mohd. Rasid Osman Engr. Prof. Madya Megat Johari Megat Mohd Noor (alt)	0/0	Professional Practice
41	JSM/DSM/MOSTI – Jawatankuasa Kebangsaan Standard (JKS) (National Standard Committee) (MyNSC)	Engr. Choo Kok Beng	2/2 11.3.2008 24/6/08	Professional Practice
42	JSM/DSM/MOSTI - Malaysian Electrotechnical National Committee [MyENC]	Engr. V. Jeewa Engr. Mah Soo (Alt)	1/2 26/6/08 14/8/08	Electrical
43	JSM/DSM/MOSTI – Technical WG for Specific Criteria (SC) under Skim Akreditasi Makmal Malaysia (SAMM)	Engr. Mohd Azha Abu Samah	0/1 19/11/08	Electrical
44	KPKT – Jawatankuasa Teknikal Sistem Pembentungan Untuk Ulangkaji MS 1228: 1991	Engr. G. R. Dhanagunan	0/0	Professional Practice



NO	COMMITTEES	REPRESENTATIVES	ATTEND	STD. COMM
45	KPKT – Kumpulan Kerja Teknikal Penambahbaikan Sistem Pengumpulan dan Penggunaan Semula Air Hujan (SPAH)	Engr. Liam We Lin Engr. Prof Dr Ruslan Hassan Engr. Prof Dr Aminuddin Baki (alt)	1/1 28.01.2008	Water Resources
46	KPKT – Penyediaan Garis Panduan Bagi Akta Bangunan Dan Harta Bersama (Akta 663) Building and Common Property Act 2006 (Maintenance and Management)	Engr. Ong Ching Loon	0/0	Building Service
47	KPKT- Mesyuarat Jawatankuasa Pengelolaan Roadshow Kempen Tandas Seluruh Negara	Engr. Khew Swee Lian	0/0	Environmental
48	KTAK- Mesyuarat Jawatankuasa Panel Penilai Pengiktirafan Kursus/ Latihan Bagi Sektor Pembentugan (JPPPL)	Engr. Hooi Kam Seng Engr. Reita Kanagarajah	0/0	Environmental
49	KTAKM – Project Malaysia Building Integrated Photovoltaic Technology Application (MBIPV)	Engr. TL Chen Engr. Wong See Foong	2/2 18.1.2008 1.12.08	Professional Practice
50	Lembaga Lebuhraya Malaysia	Datuk Engr. Chua Soon Poh Engr. Chin Kar Keong	0/0	Highway & Transportation
51	Malaysian Timber Industry Board - Sub-Committee on Timber Structure	Engr. Lai Sze Ching	1/1 20/11/08	Professional Practice
52	MATRADE – Meeting to Discuss on Services Sector Liberalization	Engr. Rocky Wong Hon Thang	1/1 19.01.2009	Corporate Affairs
53	MATRADE – National Professional Services Export Council (NAPSEC).	Engr. Rocky Wong Hon Thang (Lead) Dato Engr. Rosaline Ganendra.	1/3 28/02/08 01/07/08 25/9/08 5/12/08	Corporate Affairs
54	Mesyuarat Jawatankuasa Antara Agensi-Agensi Mengenai Pengurusan Risiko Gempa Bumi dan Tsunami	Engr. Liew Shaw Shong	2/2 8/9/08 1/12/08 8/1/09	Geotechnical
55	MICC Malaysian International Chamber of Commerce and Industry - Coalition of Services Industries Malaysia Meeting	Engr. Rocky Wong Hon Thang	0/0	Corporate Affairs
56	MICCI - Coalition of Services Industries Malaysia (CSIM)	Engr. Rocky Wong Hon Thang Engr. Choo Kok Beng	0/0 14.01.09	Corporate Affairs
57	MMU Advisory Panel for Mechanical Engineering	Engr. Lt Col Assoc Prof Mohd Hazani Hj Shafie	0/0	Qualification & Admission
58	MOSTI – Mesyuarat Penilai Negara	Engr. Rocky Wong Hon Thang Dato' Engr. Abdul Rashid Maidin	0/0	Corporate Affairs
59	MPKSN – Majlis Penyelidikan dan Kemajuan Sains Negara (MPKSN)	Dato' Paduka Hj Keizrul Abdullah Dato Engr. Prof Dr Chuah Hean Teik	0/0	Corporate Affairs
60	PSDC - Consultative Panel (Panel Perunding) by Minister of Works	Engr. Rocky Wong Hon Thang Engr. Frankie Chong (Alt) Engr. Satha A. Maniam	2/2 19.12.08	Professional Practice
61	PSDC - Institutions Jointly held Capacity Development Programs.	Engr. Rocky Wong Hon Tang Engr Frankie Chong Kwet Hin	0/0	Corporate Affairs
62	PSDC – Working Towards MRAs for Architecture Engineering and Surveying for ASEAN – Development	Engr. Choo Kok Beng	0/0	Corporate Affairs
63	SIRIM – Technical Committee on Clean Agent Fire Extinguishing Systems	Dato' Engr. Mohammad Imran Baharuddin	0/0	Corporate Affairs
64	SIRIM – Industry Standards Committee on Environmental Management (ISC Z)	Engr. Khew Swee Lian	1/1 26/11/08 4/12/08	Environmental
65	SIRIM – ISO/TC11 Technical Committee on Boiler & Pressure Vessels.	Engr. Luk Chau Beng	4/4	Mechanical
66	SIRIM – J/kuasa Teknikal “Hot-Rolled Steel”.	Engr. David Ng Shiu Yuen	0/0	Civil & Structural



NO	COMMITTEES	REPRESENTATIVES	ATTEND	STD. COMM
67	SIRIM – Jawatankuasa Standard Perindustrian Mengenai Quality Management & Quality Assurance dan Mesyuarat Delegasi	Engr. Hussein Rahmat	0/0	Professional Practice
68	SIRIM – Jawatankuasa Standard Industri Bagi Teknologi Maklumat, Telekomunikasi & Multimedia	Engr. K. K. Aw	0/0	Professional Practice
69	SIRIM – Jawatankuasa Standard Perindustrian (JSP) Bagi Bangunan, Pembinaan dan Kejuruteraan Civil (ISC D).	Ir. M.C. Hee Engr. Li Thang Fai (alt) Engr. Mun Kwai Peng (SWO)	0/0	Civil & Structural
70	SIRIM – Jawatankuasa Standard Perindustrian Bagi Kejuruteraan Mekanikal (ISC F).	Engr. Lum Youk Lee Engr. Dr Ng See Seng (alt)	1/1	Mechanical
71	SIRIM – Jawatankuasa Standard Perindustrian Bagi Pencegahan dan Keselamatan Kebakaran	Engr. Wong See Foong	0/0	Professional Practice
72	SIRIM – Jawatankuasa Standard Perindustrian Bagi Petroleum Dan Gas (ISC H).	Engr. Runny Poh	0/0	Oil, Gas & Mining
73	SIRIM – Jawatankuasa Standard Perindustrian Bagi Plastik dan Barangan Plastik (ISC J)	Engr. Prof. Dr. Ruslan Hassan	0/0	Professional Practice
74	SIRIM – Jawatankuasa Teknik “Bitumen & Bituminous Products”.	Engr. Prof. Madya Dr Ammiruddin Ismail Engr. Adnan Zulkiple (alt)	0/0	Highway & Transportation
75	SIRIM – Jawatankuasa Teknik Untuk Penyediaan Standard Malaysia (SWO)	Engr. Li Thang Fai Engr. David Ng Shiu Yuen	0/0	Professional Practice
76	SIRIM – Jawatankuasa Teknikal “Continuous, Milled Rolled Flat Products and Coated Products”- TC2 on testing, Sampling and Terminology of Iron and Steel.	Engr. David Ng Shiu Yuen Engr. Tan Teck Eng (alt)	0/0	Civil & Structural
77	SIRIM – Jawatankuasa Teknikal bagi “Building Design”.	Engr. David Ng Shiu Yuen	2/2 17/1/2008 23.10.2008	Professional Practice
78	SIRIM – Jawatankuasa Teknikal Bagi “Concrete & Concrete Products”.	Engr. Soo Thong Phor Engr. Boone Lim (alt)	0/0	Civil & Structural
79	SIRIM – Jawatankuasa Teknikal Bagi “Plastics PVC-C Pipes and Fittings”.	Engr. Ahmad Nordeen Mohd Salleh Engr. Chen Yew Seong (alt)	2/2 17.1.2008 9.5.2008	Professional Practice (Appointed after the 1st meeting)
80	SIRIM - Jawatankuasa Teknikal Bagi “Steel Bars, Wire Rods, and Wire Products” (ISC P).	Engr. Li Thang Fai	3/3 18.3.08 17.7.08 16.12.08	Civil & Structural
81	SIRIM – Jawatankuasa Teknikal Untuk “Statistical Methods”.	Engr. Mohd. Rasid Osman Engr. Tan Chee Fai (alt)	0/0	Professional Practice
82	SIRIM – Kumpulan Kerja bagi “Environmental	Engr. Hussein Rahmat	0/0	Environmental
83	SIRIM – Kumpulan Kerja bagi “Odour Control and Treatment Systems” untuk Penyediaan Standard Malaysia	Engr. Khew Swee Lin Engr. Yin Chun Yang (alt)	0/0	Environmental
84	SIRIM – Kumpulan Kerja Bagi “Sanitary System”	Engr. G.R. Dhanagunan Engr. Khew Swee Lian	0/0	Environmental
85	SIRIM – Kumpulan Kerja bagi Air Pollution Control and Measurements.	Engr. Abdul Talib Din	0/0	Environmental
86	SIRIM - Kumpulan Kerja untuk Penyediaan Standard Malaysia Bagi WG on Security Office Sales	Engr. Luk Chau Beng	1/1	Mechanical
87	SIRIM – Machinery and Engineering Component.	Engr. Luk Chau Beng	1/1	Mechanical
88	SIRIM - Municipal Solid Waste.	Engr. Dr. Suhaimi Abd Talib Engr. Hooi Kam Seng	0/0	Environmental
89	SIRIM – Natural Gas – Calculation of Compression Factor.	Engr. Juares Rizal	0/1 26.2.2008	Oil, Gas & Mining



NO	COMMITTEES	REPRESENTATIVES	ATTEND	STD. COMM
90	SIRIM – Organisational Management.	Engr. Frankie Chong Kwet Hin Engr. Lee Boon Chong	0/0 19.12.08	Manufacturing
91	SIRIM - Scheduled Waste.	Engr. Yin Chun Yang Engr. Khoo Boon Keat	2/2 25.3.2008 15.5.2008	Environmental
92	SIRIM - Site Remediation	Engr. Choo Chee Ming Engr. Dr. Zainab Mohd	0/0	Environmental
93	SIRIM – Standard Perindustrian bagi Keselamatan Pekerjaan dan Kesihatan (ISC W).	Engr. Noor Hisham Yahaya	0/0	Mechanical
94	SIRIM – Sub Committee on Dry Systems.	Engr. Thin Choon Chai Engr. Tan Yiing Yee (alt)	0/0	Professional Practice
95	SIRIM – Sub Committee on Portable Fire Extinguishers	Engr. Cha Hoong Kum	0/0	Building Service
96	SIRIM – Sub Committee on Wet Systems	Engr. Thin Choon Chai Engr. Tan Yiing Yee (alt)	0/0	Professional Practice
97	SIRIM – TC High Voltage Transmission	Engr. Mah Soo Engr. Goon Kid Seng (Alt)		Electrical
98	SIRIM – TC on Electromagnetic Field (TC EMF).	Engr. Satha A Maniam Engr. Hj. Naim Mohamed bin Mohd Khalid (Alt)	0/0	Electrical
99	SIRIM – TC on EMC	Engr. Hj. Mohamed. Ali Yusoff	0/0	Professional Practice
100	SIRIM – TC on Fasteners and Screw Threads	Engr Lai Ah Ying	0/0	Manufacturing
101	SIRIM – TC on Generation, Conversion, Transformation and Storage of Electrical Energy.	Engr. Mac Yew Teik Kuan Engr. Goon Kid Seng	1/2 21/1/08 1/8/08	Electrical
102	SIRIM – TC on Industry Standards Committee (ISC)	Engr. Faridon Talib Engr. Wong Choon Onn (Alt)	0/0	Electrical
103	SIRIM - TC on Organisation of Information About Construction Works (ISC D)	Engr. Teoh Teik Seng Engr. Ong Sang Wah	0/0	Civil & Structural
104	SIRIM – TC on Planning and Designing of Urban Stormwater Management System (ISC Z).	Engr. Liam We Lin	0/0	Water Resources
105	SIRIM – TC on Power Quality (TCPQ)	Engr. Mah Soo Engr. Lam Sing Yew	3/3 28.7.08 3.11.08 22.12.08	Electrical
106	SIRIM – TC on Steel for Structural Purposes	Engr. Tu Yong Eng Engr. Teoh Teik Seng	0/1 12/12/08	Civil & Structural
107	SIRIM - TC on Terms and Definition on Environment	Engr. Dr. Suhaimi Abd Talib Engr. Khew Swee Lian	2/2 18.1.2008 4.12.2008	Environmental
108	SIRIM - TC2 on Quality Systems.	Engr. Hussein Rahmat	0/0	Professional Practice
109	SIRIM – Technical Committee on Air Quality	Engr. Khew Swee Lian	2/2 16.5.08 24.9.08 22.01.09	Environmental
110	SIRIM – Technical Committee on Ceramic Materials.	Engr. Boone Lim Engr. Teoh Teik Seng (alt)	0/0	Civil & Structural
111	SIRIM – Technical Committee on Design Life.	Engr. Boone Lim	0/0	Professional Practice
112	SIRIM – Technical Committee On Ergonomics	Engr. Lim Beng Hian	1/1 15.4.2008	Building Service
113	SIRIM – Technical Committee on F Quality	Engr. Mah Soo Engr. Lee Kok Chong	0/0	Professional Practice



NO	COMMITTEES	REPRESENTATIVES	ATTEND	STD. COMM
114	SIRIM – Technical Committee on Lifting Devices	Engr. Raghieb Fasih Azmi	0/0	Mechanical
115	SIRIM – Technical Committee on MS1314 – PC Piles.	Engr. Soo Thong Phor	0/0	Activities
116	SIRIM – Technical Committee on Passive Fire Protection System	Engr. Thin Choon Chai	0/0	Professional Practice
117	SIRIM – Technical Committee on Welding And Allied Processes.	Engr. Mohd. Rasid Osman	0/0	Manufacturing
118	SIRIM – W/G on Risk Management.	Engr. Luk Chau Beng (P) Engr. Lum Youk Lee (alt)	2/2 16/12/08	Mechanical
119	SIRIM – WG on ABS Pipes and Fittings	Engr. Roger Tiew Guan Hoe Engr. Yeo Boon Kah (alt)	0/0	Building Services
120	SIRIM - WG on Ambient Atmosphere and Meteorology	Engr. Khew Swee Lian	0/0	Environmental
121	SIRIM - WG on Data Exchange on Architectural Engineering Drawing	Engr. David Ng Shiu Yuen	0/0 16/12/08	Civil & Structural
122	SIRIM – WG on Electrical Measuring Instruments and Their Accessories.	Engr. Mohd Azha Abu Samah Engr. Mohd Redza	1/2 29/4/08 30/7/08	Electrical
123	SIRIM - WG On Equipment Explosive Atmospheres.	Engr. Faridon Talib Engr. Wong Choong Onn (alt)	0/0	Electrical
124	SIRIM – WG on Energy Efficiency and Conservation in Electrical Equipment	Engr. Mah Soo Engr. Lan Sing Yew (Alt)	0/0	Electrical
125	SIRIM – WG on Functional Safety of Electrical/ Electronic Safety-Related Systems	Engr. Mah Soo	0/0 16.12.08	Electrical
126	SIRIM – WG on High Voltage Switchgear, Control Gear and Assemblies (HVSCA)	Engr. Mah Soo Engr. Goon Kid Seng (Alt)	2/2 3.9.08 18.12.08	Electrical SIRIM on 6th Jan 09 informed the WG will be put on recess.
127	SIRIM - WG on Material Specification Nanotechnologies	Engr. Cheong Thiam Fook	-	Mechanical
128	SIRIM – WG on RC Square Piles.	Engr. Dr Jeffrey Chiang	0/0	Civil & Structural
129	SIRIM – WG on Road Lightning	Engr. S. Satkunanathan	0/2 25/6/08 27/8/08	Electrical
130	SIRIM – WG on Rotating Machinery.	Engr. Cheng Chee Song	0/0	Mechanical
131	SIRIM – WG on Thermal Installation of Building Materials.	Engr. Dr Jeffrey Chiang	0/0	Civil & Structural
132	SIRIM – WG on Tube Scaffolding.	Engr. Noor Hisham bin Yahya Engr. Lau Chau Beng (alt)	0/0	Mechanical
133	SIRIM – WG on Welding Equipment.	Engr. Gopal Narian Kutty Engr. Noor Hisham Yahaya (alt)	0/0	Mechanical
134	SIRIM - WG on Workplace Atmosphere & Indoor Air Quality.	Engr. Khew Swee Lian	2/2 11/9/08 20/10/08 17/12/08	Environmental
135	SIRIM - Working Group "Offshore Pipelines Transportation of Hazardous Fluids".	Engr. Mohd. Suradi Yasin	0/0	Oil, Gas & Mining
136	SIRIM – Working Group 2 On Precast Concrete Piles, Part 6: Small Reinforced Concrete Square Piles – Small Piles RCS-1 and RCS-2.	Engr. Neoh Cheng Aik Engr. Lee Eng Choy (alt)	0/0	Geotechnical
137	SIRIM – Working Group 5 On Precast Concrete Piles.	Engr. Kenny Yee Kwong Sing	3/3 13.6.2008 1.7.2008 11.7.2008 15.9.2008	Geotechnical



NO	COMMITTEES	REPRESENTATIVES	ATTEND	STD. COMM
138	SIRIM - Working Group On Clay Bricks.	Engr. Ng. Kok Peng	0/0	Civil & Structural
139	SIRIM - Working group on Fixed Aerosol Fire Extinguishing System	Engr. Cha Hoong Kum Engr. Amir Soffian Abd Razak (Alt)	0/0	Building Service
140	SIRIM – Working Group on Interior Lighting	Engr. Lee Kok Chong	0/0	Electrical
142	SIRIM - Working Group on Public Toilets.	Engr. Hussein Rahmat	0/0	Professional Practice
143	SIRIM – Working Group on Standardisation of Environmental Classes for Electro Technical Facilities.	Engr. Hussein Rahmat	0/0	Environmental
144	SIRIM - Working Group on Thermal Insulation.	Engr. Ong Hoo Teong Engr. Cheong Thiam Fook	0/0	Mechanical
145	SIRIM – Working Group On V-Industrial Belt	Engr. Tan Chee Fai Engr. Wong Oon Oon (alt)	0/0	Manufacturing
146	SIRIM – Working Group on Work on Tunneling.	Engr. Neo Boon Kheng	1/1 3.7.2008	Tunnelling
147	SIRIM- J/K Standard Perindustrian Bagi IT Telekomunikasi dan Multimedia (ISC G)	Engr. Abdul Fattah Mohamed Yatim Engr. Tejinder Singh	0/0	Information Technology
148	SIRIM –Kumpulan Teknikal Bagi “Safety of Machinery”.	Engr. Alan Poh Tze Miang Engr. AY Lai	2/2 23.5.08 21.11.08	Manufacturing
149	SIRIM QAS – Certification Advisory Committee (CAC).	Engr. Hj Mohd Mazlan Hj Mohd Ismail Merican Engr. K. Gunasagaran (alt)	1/1 26.5.2008	Professional Practice
150	SIRIM- TC on Technical Drawing	Engr. S Jagathisan Engr. Mohd Rasid Osman Engr. Teoh Teik Seng (As requested by SIRIM to nominate one C&S Rep from IEM)	2/2 15.7.2008 22.10.2008	Manufacturing Civil & Structural
151	Suruhanjaya Tenaga – Panel Perunding Tenaga	Engr. Faridon Talib Engr. Mah Soo Engr. Yusouf Ahmad (alt)	1/1 13.5.2008	Electrical

## ANNUAL EVENTS

NO	COMMITTEES	REPRESENTATIVES	ATTEND	STD. COMM
1	EAROPH Malaysia – Annual General Meeting	Dato' Paduka Engr. Hj Keizrul Abdullah Dato' Engr. Prof Dr Chuah Hean Teik (Alt)	1/1 1/7/2007 31.7.2008	EXCOMM President/ Deputy President
2	Earoph – Malaysia Council	Dato' Paduka Engr. Hj Keizrul Abdullah Dato' Prof Dr Engr. Chuah Hean Teik	1/1 18/6/08 19.12.08	Excomm
3	AFEO Engr. Dr. Jeffrey Chiang Board Meeting	Dato' Paduka Engr. Hj Keizrul Abdullah	2/2 5-6/6/08 25/12/2008	Excomm
4	BIPC – Building Industry Presidents' Council	Dato' Paduka Engr. Hj Keizrul Abdullah Dato' Engr. Rosaline Ganendra	2/2 25/6/08 5/12/08	Excomm
5	COSTAM – COSTAM Council	Engr. Dr. Ruslan Hassan Engr. Bahardin Baharom	0/0	Excomm
6	CREAM – 4th Annual General Meeting	Engr. Prof Dr Ruslan Hassan	1/1 18/6/08	Excomm
7	MITI Dialogue 2008	Engr. Rocky Wong Hon Thang Engr. Ong Chin Loon	5/5 7-11.8.2008	Corporate Affairs

## ANNUAL EVENTS



NO	COMMITTEES	REPRESENTATIVES	ATTEND	STD. COMM
8	MOHE (MITI): Academia – Industry Consultative Council	Engr. Rocky Wong Hon Thang Engr. Ong Chin Loon	1/1 12.8.2008	Corporate Affairs
9	MOSTI – Dialogue	Engr. Rocky Wong Hon Thang Dato' Engr. Abdul Rashid Maidin	1/1	Corporate Affairs
10	MOF: Treasury Dialogue (Yearly Budget Consultation)	Dato' Paduka Engr. Hj Keizrul Abdullah Dato Engr. Abu Hashim Abd Ghani Engr. Tan Yean Chin	1/1	Corporate Affairs
11	CIDB – Mesyuarat Penganjuran Malaysian IBS International Exhibition 2009 (MIIE 2009)	Engr. K. Gunasagaran	2/3 16.1.08 23.6.08 26.11.08 16.12.08	Professional Practice
12	CIDB - Mesyuarat Penganjuran Malaysian IBS International Exhibition 2009 (MIIE 2009) Jawatankuasa Pameran	Engr. K. Gunasagaran	0/1 18.6.08 17.12.08	Professional Practice
13	MITI - Mesyuarat Persediaan Perjanjian Perdagangan Bebas M'sia- America (MUSFTA)	Engr. Choo Kok Beng	1/1 11.1.2008	Corporate Affairs
14	JKR - Mesyuarat International Conference on Slope Malaysia 2008	Engr. Yew Yee Weng	1/1 11.1.2008	Geotechnical

## CONFERENCES, SEMINARS, ADHOC COMMITTEE AND SPECIAL MEETING

NO	COMMITTEES	REPRESENTATIVES	ATTEND	STD. COMM
1	Academy of Sciences – Seismic and Tsunami and Risks in Malaysia Forum	Engr. Dr. Ooi Teik Aun	1/1 15.07.08	Geotechnical
2	Academy of Sciences – Seminar on Seismic Vulnerability Assessment of Selected Infrastructure	Engr. Tan Yean Guan	1/1 15.5.2008	Geotechnical
3	ACEM Engineering Awards Competition 2008	Engr. Yim Hon Wa	1/1 14.04.08	Excomm
4	CIDB – Bengkel Penggubalan Soalan bagu Ujian Akreditasi Personel Binaan (Precast Concrete)	Engr. Yim Hon Wa	1/1 3-7.07.08	Civil & Structural
5	CIDB – Half Day Seminar on Improvising Qlassic Towards Continual Improvement in Construction	Engr. Boone Lim	2/2 14.4.2008 11.7.2008	Civil & Structural
6	CIDB – Seminar Malaysian IBS International Exhibition 2009 (MIIE 2009)	Engr. K. Gunasagaran	21-23 Jan 09	Excomm
7	Concrete Society Malaysia (CSM) – Malaysia Concrete Week 2008	Engr. MC Hee Engr. Dr. Jeffrey Chiang	1/1 16.06.08	Civil & Structural
8	Costam – Malaysian Science and Technology Congress 2008 (MSTC 2008)	Engr. Bahardin Baharom	1/1 17/01/08	Excomm
9	DBKL – Taklimat Mengenai Pusat Setempat (OSC)	Engr. PE Chong	1/1 11.7.08	Excomm
10	IKRAM QA Certification Advisory Committee (CAC)	Engr. Lai Sze Ching	1/1 1.8.08	Professional Practice
11	International Consortium on Landslides	Engr. Dr Gue See Sew	1/1 18-21 Nov 08	Geotechnical
12	JAS - Mesyuarat Jawatankuasa Teknikal Bagi Kajian " A Study on Criteria and Standard for Managing and Restoring Contaminated Land in Malaysia	Engr. Dr. Lee Teang Shui Engr. Choo Chee Ming Engr. Khew Swee Lian (Alt)	1/3 17.7.08 6.8.08 15.12.08	Environmental

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



NO	COMMITTEES	REPRESENTATIVES	ATTEND	STD. COMM
13	JKR – JK Kumpulan Kerja Tanah Runtuh Di Bukit Antarabangsa Selangor	Engr. Yee Yew Weng	3/3 11.12.08 17.12.08 05.01.09	Geotechnical
14	JKR – Meeting with the Minister of Works	Dato' Paduka Engr. Hj Keizrul Abdullah Engr. PE Chong Dato' Engr. Abdul Rashid Maidin Engr. Choo Kok Beng Engr. Dr. Jeffrey Chiang Luin	1/1 2/5/08	Excomm
15	JPS – Certified Professional In Erosion and Sediment Control (CPESC)	Engr. Chong Sun Fatt Engr. Wong Wai Sum	2/2 13.3.08 16.4.08 16.12.08	Water Resources
16	KPKT – BOMBA and Fire	Engr. Thin Choon Chai Engr. Wong See Foong (Alt)	1/1	UBBL Sub Com
17	KPKT – Mesyuarat Membincangkan Penyelarasan Semakan Semula Ke Atas Undang-undang Kecil Bangunan Seragam 1984 (UKBS 1984)	Engr. MC Hee Engr. Chung Siew Kong	1/1 4.12.08	Professional Practice
18	KPKT – Pengemukaan Permohonan Kebenaran Merancang (KM) Oleh Orang Yang Berkelayakan	Engr. PE Chong	1/1 11.12.08	Welfare
19	KPM - Mesyuarat Meja Bulat Transformasi Kurikulum Prasekolah Dan Sekolah Rendah, Dan Sistem Pentaksiran Pendidikan Kebangsaan	Engr. Dr. Faris Tarlochan	1/1 12.12.08	Engineering Education
20	MARDI – National Conference on Agricultural and Food Mechanization 2009	Engr. Ooi Ho Seng Engr. Ayob Sukra	2/2	Agriculture
21	MICCI – First Networking Evening for 2009 (sponsored by Bukit Kiara Properties Berhad)	Engr. Choo Kok Beng	1/1 20.02.09	Welfare
22	Persatuan Pengurusan Kompleks (PPK) Malaysia – Council of Asian Shopping Centres (CASC) Conference 2008 Asian Shopping Centres Challenges Ahead	Engr. Lum Youk Lee	1/1 30.10.08	Mechanical
23	Persatuan Pengurusan Kompleks (PPK) Malaysia – FIABCI Malaysia PPK Malaysia Seminar 2008	Engr. Lum Youk Lee	1/1 25.11.08	Mechanical
24	SIRIM – Forum Mengenai ISO/CD 17021-2.2, Conformity Assessment – Requirements For Third-Party Certification Auditing of Management Systems	Engr. Khew Swee Lian	1/1 14.01.09	Project Management
25	SPAN – Bengkel Merancang untuk Menampung Permintaan Bekalan Air bg Negeri Selangor, Wilayah Persekutuan Kuala Lumpur dan Putrajaya Bg Jangka Masa Pendek 2009 – 2014		1/1 19.01.09	Professional Practice
26	SPAN – Jawatankuasa Kecil Pengiktirafan Orang Yang Berkelayakan (Qualified Person)	Engr. Lai Sze Ching	1/1 14.01.09	Professional Practice
27	SPAN – Kaedah Bekalan Air yg Baru dan Peraturan Baru Fi dan Caj	Engr. Lai Sze Ching	1/1 24-25.11.08 20.01.09	Professional Practice
28	VAEA Joint Action Group – Matters pertaining to the Valuer's Act	Engr. Lee Weng Onn Engr. PE Chong (Alt)	1/1 19.3.08	Excomm



**PAST RECIPIENTS**

**Year Recipients and Projects**

- 
- 1985** Jabatan Telekom Malaysia  
Bagi Kabel Dasar-Laut: Projek Kuantan-Kuching  
(For the Kuantan-Kuching Submarine Cable System)
- 
- 1985** Jabatan Parit dan Taliair Malaysia  
Bagi Projek Pengairan Muda  
(For the Muda Irrigation Project)
- 
- 1986** Lembaga Letrik Negara Tanah Melayu  
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** Petrolia 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 Project 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**

<b>1999</b>	Kuala Lumpur International Airport Berhad Atas Projek Lapangan Terbang Antarabangsa Kuala Lumpur di Sepang (For the Construction of the Kuala Lumpur International Airport, Sepang)
<b>2000</b>	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)
<b>2001</b>	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)
<b>2003</b>	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)
<b>2004</b>	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)
<b>2005</b>	MEI Consultants Sdn Bhd Di Atas Kejayaannya Menyiapkan dan Merekabentuk Peralatan Stevian Biotechnology di Enstek, Negeri Sembilan (On The Successful Design and Completion of Stevian Biotechnology Facilities in Enstek, Negeri Sembilan)
<b>2006</b>	Zelan Construction Sdn Bhd 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)
<b>2007</b>	Multimedia University Malaysia 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)
<b>2008</b>	T & T Konsult Sdn Bhd Di Atas Rekabetuk, Pembinaan dan Operasi Tapak bagi Projek Pelupusan Sisa Pepejal Sanitary Bukit Tagar (On the Design, Construction and Operation of Bukit Tagar Sanitary Landfill Project)

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

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

**PAST RECIPIENTS**

**Year Recipients and Projects**

<b>1989</b>	Y.Bhg. Tan Sri Dato' Engr. (Dr.) Shamsudin bin Abdul Kadir Executive Chairman, Sapura Holdings Sdn. Bhd
<b>1990</b>	Engr. Hong Lee Pee Director and Chief Executive, Pilecon Engineering Bhd.
<b>1993</b>	Y.Bhg. Dato' Engr. Prof. Dr. Muhammad Ridzuan bin Hj. Salleh Vice Chancellor, Universiti Teknologi Malaysia (UTM)
<b>1994</b>	Y.Bhg. Tan Sri Dato' Engr. (Dr.) Wan Abdul Rahman bin Yaacob President, Board of Engineers, Malaysia concurrently Director-General of Public Works Department, Malaysia (JKR)
<b>1995</b>	Y.Bhg. Tan Sri Dato' Engr. Hj. Shahrizaila bin Abdullah Director-General, Department of Irrigation and Drainage (JPS)



**PAST RECIPIENTS**

**Year Recipients and Projects**

- 
- 1996** Y.Bhg. Dato' Dr. Engr. Ahmad Tajuddin bin Ali  
Director-General, Standards and Industrial Research Institute of Malaysia (SIRIM)
- 
- 1997** Y.Bhg. Dato' Engr. 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' Engr. Omar bin Ibrahim  
President, Board of Engineers Malaysia concurrently Director-General of Public Works Department (JKR)
- 
- 2000** YAB Tengku Datuk Engr. Dr Mohd Azzman Shariffadeen bin Tengku Ibrahim  
President and Chief Executive Officer of MIMOS Berhad
- 
- 2002** Y.Bhg. Datuk Engr. Hj Keizrul bin Abdullah  
Director-General, Department of Irrigation and Drainage (JPS)
- 
- 2003** Y.Bhg. Tan Sri Dato' Engr. Hj Zaini bin Omar  
Director-General, Public Works Department (JKR)
- 
- 2005** Y. Bhg Tan Sri Dato' Engr. Muhammad Radzi bin Hj Mansor  
Chairman, Telekom Malaysia Berhad (TM)
- 
- 2006** Y.Bhg. Academician Dato' Engr. Lee Yee Cheong  
President of WFEO and Past President, IEM
- 
- 2007** Y.Bhg Dato' Engr. Dr. Wahid bin Omar  
President of BEM and concurrently Director- General of Public Works Department (JKR)
- 

**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 Engr. Keizrul bin Abdullah  
Y.Bhg Dato' Engr. Batumalai a/l Ramasamy  
Engr. Mohd Azhari bin Ghazali

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**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]  
For 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' Engr. (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]  
On the Construction of the SEGARI Power Station  
- awarded in Malacca, Malaysia
- 
- 1997** Jabatan Kerja Raja (*Organiser – The Engineering Institute of Thailand*)[EIT]  
On the 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]  
On Its 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]  
For 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]  
For the Construction of the Light Rail Transit System 2  
- awarded in Hanoi, Vietnam
- 
- 2001** Y.Bhg Tan Sri Dato' Haji Engr. Zaini bin Omar (*Organiser – Pertubuhan Ukur, Jurutera an Arkitek*)[PUJA]  
- awarded in Bandar Seri Begawan, Brunei Darussalam
- 
- 2001** Y. Bhg. Academician Dato' Engr. Lee Yee Cheong (*Organiser – Pertubuhan Ukur, Jurutera dan Arkitek*)[PUJA]  
- awarded in Bandar Seri Begawan, Brunei Darussalam
- 
- 2002** Y.Bhg. Datuk Paduka Engr. 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** Engr. Dr Gue See Sew (*Organiser – The Philippines Technological Council*)[PTC]  
For his contribution to ASEAN Engineers Register (AER) and Aseam 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**

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**1991** Dato' Engr. Prof. Dr Chuah Hean Teik

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**1995** Engr. Prof. Dr Marzuki bin Khalid

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**2004** Engr. Koo Voot Chet – *Industry award*

---

**2004** Engr. Dr Ramesh Singh – *Academic award*

---

**2006** Dr Luqman Chuah bin Abdullah (Chuah Teong Guan) – *Academic award*

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**2006** Dr Goh Swee Por – *Industry award*

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**2008** Engr. Prof. Madya Dr Law Chung Lim – *Academic award*

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

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

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**PAST RECIPIENTS**

**Year Recipients**

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

---

**2006** Engr. Miss Ong Kik Hong

---

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

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**2009** Datuk Engr. Rosaline Ganendra

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**MINUTES OF 49TH ANNUAL GENERAL MEETING OF THE INSTITUTION OF ENGINEERS,  
MALAYSIA HELD ON 19 APRIL 2008 AT IEM CONFERENCE HALL, BANGUNAN INGENIEUR,  
PETALING JAYA AT 9.00 AM**

**MEMBERS PRESENT – AS PER APPENDIX A**

**1.0 OPENING ADDRESS BY THE PRESIDENT**

- 1.1 The President, Y.Bhg. Dato' Engr. Hj Keizrul bin Abdullah welcomed members present and called the 49th Annual General Meeting to order at 9:00 am. The President informed that the Annual General Meeting had to be held in Bangunan Ingenieur with the use of videoconferencing in three rooms as Dewan Tan Sri Mahfuz was not available. Dato' President informed members that there were Secretariat staff stationed in each of the rooms in the event any member wished to pose questions.
- 1.2 Before proceeding further with the Annual General Meeting, Dato' President requested members to observe one minute of silence as a mark of respect for the late Academician Tan Sri Engr. (Dr) JG Daniel who passed away on 16 September 2007.

**2.0 CONFIRMATION OF MINUTES OF 48TH ANNUAL GENERAL MEETING HELD ON 20 APRIL 2007**

- 2.1 Dato' President then went through the minutes which was included in pages 42 to 48 of the Annual Report inviting members to point out whether there were any mistakes in the recording. He also thanked Engr. Dr. Muhammad Fuad bin 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.
- 2.2 There being no amendments raised, Engr. Chong Chin Meow (M02641) proposed that the minutes of the 48th Annual General Meeting held on 20 April 2007 be confirmed. The motion was seconded by Engr. Jagathisen s/o Siva Perumal (F05107) and was unanimously adopted by members present.

**3.0 MATTERS ARISING**

The Chairman then responded to the outstanding items raised at the 48th AGM and recorded in the minutes as published in the Annual Report from pages 42 to 48. The items were as follows:

**3.1 Washington Accord**

Page 45 and 45, item 6.2

The Annual General Meeting was informed that IEM had been proposing to the Board of Engineers, Malaysia that as the only professional body in the Engineering Accreditation Council (EAC), IEM should be the organisation to sign the Washington Accord on behalf of Malaysia. However, the Ministry of Works had preferred that the BEM should be the signatory.

**4.0 ANNUAL REPORT FOR SESSION 2007/2008**

The Chairman proceeded to invite the Hon Secretary to present the 49th Annual Report from pages 65 to 106. The Hon Secretary, Engr. Oon Chee Kheng informed members that IEM had a very active year in 2007 and listed out the latest developments as follows:

**4.1 Council and Excomm**

The Annual General Meeting was informed that for the session 2007/2008, both the Council and Excomm had more meetings than normal to deal with the affairs of the Institution in particular the purchase of the new building. A special note of appreciation was extended to YBhg Datuk Engr. Hj Ahmad Zaidee bin Laidin on behalf of the Ad Hoc Committee which he chaired that was instrumental in IEM's successful bid for the building.

**4.2 Purchase of New Building**

The Hon Secretary added that the building across the road from the existing Bangunan Ingenieur was purchased for RM13.5 million. IEM paid the initial 10% using its own funds while the balance of RM12.15million was paid via a bank loan from Alliance Bank Berhad.

He further informed the meeting that a Fund Raising Committee under the Chairmanship of Hon Treasurer, YBhg Dato' Engr Abu Hashim bin Abdul Ghani was formed in the year 2007 to solicit donations to settle the bank loan early so as not to burden future generations of members.

A note of appreciation was recorded to IEM members as well as private organisations that had donated towards the IEM Building Fund which stood at RM305,000.00.



#### 4.3 Membership

Page 65 and 66 :

The AGM noted the membership record as follows:-

Membership Number as of 1.1 2007	16,789
Corporate members	8,434
Graduate members	5,849
Student members	2,457
Other grades	49

The breakdown of the membership strength by the various disciplines was also noted.

The AGM was informed that during the session, membership drive activities were held and with the concerted effort of Committee Members as well as members who served as speakers and counsellors, the increase in membership was the highest since year 2000. Student Membership achieved a record 58.2% increase compared to the previous session.

Members were also informed that in an effort to simplify the admission process, a new set of application forms was introduced for the various grades which could be downloaded from the IEM website. A major change could be found in the application forms for MIEM where the number of Seconders was reduced from three to one.

#### 4.4 Latest Developments

- 4.4.1 A new curriculum and syllabus had been drafted for the localised examination which was expected to be implemented from May 2009.

The new curriculum took into consideration the global trend of Outcome Based Education with emphasis on programme and subject outcomes. A structured Industrial Training would also be introduced into the examination with emphasis on soft skills where candidates would be required to write and present reports on project works undertaken.

- 4.4.2 IEM was appointed by the Board to conduct the Professional Assessment Examination by the Board with effect from 1 January 2007.

- 4.4.3 In addition, the Standing Committee on Examinations and Training would also be conducting a survey on the quality of recent Graduate Engineers in an attempt to ascertain whether the quality had in fact deteriorated.

- 4.4.4 Two major conferences were held in 2007 as follows :

**3rd World Engineering Congress (WEC) - 5th – 9th August 2007 at Gurney Hotel and Resort, Penang**  
475 participants attended the conference.

**Southeast Asian Geotechnical Conference (SEAGC) - 8th -11th May 2007 at Sheraton Hotel, Subang Jaya**  
498 participants attended the conference.

- 4.4.5 The Hon Secretary also informed the AGM that all the sixteen Technical Divisions representing the various disciplines had put in great effort to plan or organise more activities in order to assist members to accumulate CPD hours to satisfy the requirement of the BEM.

#### 4.4.6 Visitors from Overseas

The AGM was informed that during the session, IEM played hosts to visitors from:

The Institution of Structural Engineers, UK  
Comsoc, IEEE  
American Society on Heating, Refrigeration and Air-conditioning Engineers, USA  
Chinese Institute of Engineers (Chinese Taipei)

#### 4.4.7 IEM in the International Arena

The AGM was further informed that IEM was once again appointed as Secretariat of the ASEAN Federation of Engineering Organisations (AFEO), a position held since 1998. IEM's appointment as Secretariat of the ASEAN Engineer Register was also extended. Engr. Tan Yean Chin was appointed as Secretary General of AFEO while Engr. Rocky HT Wong was appointed as Head Commissioner for the ASEAN Engineer Register (AER).

IEM was also appointed as the permanent Secretariat of Federation of Engineering Institutions in Southeast Asia and the Pacific (FEISEAP) in 2007.

IEM Past President, Engr. Dr. Gue See Sew was also appointed as Chairman of the APEC/EMF International Engineer Registers.



IEM also headed the Brand Malaysia ETI (Engineering Technology and Innovation) Services cluster at the exhibition organised by MATRADE in Sharjah, UAE. IEM led a delegation of 23 exhibitors in the categories of:

- Facilities & Asset Management
- Systems Integration
- Environmental Engineering & Services
- Water & Wastewater Treatment
- Green Energy and New Energy

#### 4.4.8 Engineering Hall of Fame

The AGM was further informed that the Guidelines had been finalised and published in the IEM Bulletin and posted on IEM website. Announcements had also been made in the Bulletin and website to invite nominations. Till date, a total of 6 nominations had been received and would be studied by the Awards Committee.

#### 4.4.9 Certificate of Completion and Compliance (The Uniform Building Bylaw 1984)

BEM had appointed IEM and its Branches as the sales office for the Form F / F1. Conditions of sales are as follows:

- Must be a registered PE (Civil & Structural)
- Only a maximum of 10 copies can be purchased at any one time
- Purchase Form must be complete with PE stamp and signature.
- Each set of form is priced at RM30.00

#### 4.4.10 Enhancing the One Stop Centre (OSC) Decisions

IEM forwarded a Memorandum to the Government to consider appointing a representative from IEM as one of the OSC Committee Members at each Local Authority in Peninsular Malaysia.

4.5 The President then invited comments or questions from members.

4.5.1 Engr. Sivalingam a/l Velupillai (M09546) commented that with the introduction of the requirement for Continuing Professional Development (CPD), IEM via its Technical Divisions had been very supportive by actively organising a lot of technical talks which were very useful and beneficial to members. He had however voiced his dissatisfaction on the imposition of the RM10.00 compulsory donation to the Building Fund for attendance at those talks. He pointed out that he was not against the idea of charging RM10.00 but felt that it should not have been made mandatory.

Dato' President voiced his consensus on the issue and apologised for the way the message had been put across to members. He further explained that the rationale for imposing the charge was to defray some of the administrative costs incurred by IEM to organise the activities and any surplus after deducting the administrative expenses would be channelled to the IEM Building Fund.

Engr. Jagathisen s/o Siva Perumal (F05107) commented that prior to the implementation of the CPD, not many members attended the talks or visits arranged by IEM. He felt that the improved attendance would serve as a great encouragement to speakers.

IEM Honorary Treasurer YBhg, Dato' Engr. (Dr.) Abu Hashim bin Abd Ghani further clarified that he had been assigned to look into ways and means to raise funds for the new building and the RM10.00 charge was his idea to defray some of the expenses incurred by IEM.

Engr. Santha Kumaran a/l Erusan @ Krishnan (M18975) felt that if IEM really needed @ charge the members to sustain the activities, then it should proceed.

Engr. Tham Kum Weng (F01513) felt that if IEM was really burdened with the expenses incurred to organise those activities, then steps should be taken to reduce the costs such as not serving refreshments. He agreed with the explanation that IEM needed to impose the RM10.00 charge to defray the costs incurred as IEM should not require other members not attending the activities to subsidise those who attend regularly. Nevertheless, he felt that if some members genuinely cannot afford to pay, then they should be exempted.

Engr. Looi Hip Peu (F02625) pointed out that if the activities were provided for members without any charges, many would not appreciate the work done to make those activities available to them.

Dato' President summed up the comments by suggestion that the IEM Council relook at the policy. If there was a need to impose a charge, then the portion that was needed to defray the costs could be made compulsory while the balance would be donated to the Building Fund but made non-compulsory for members to pay.

4.5.2 Engr. Awangku Hidup Awangku Hosain (F03053) commented that by having 20 meetings in the last session, the Executive Committee must have been working very hard. Nevertheless, he felt that there was a need to ensure that there was good attendance for the meetings where solid decisions were made.



- 4.5.3 Engr. Tham Kum Weng (F01513) pointed out that the Honorary Secretary did not mention the IEM representatives to outside bodies in his report and he had noticed that 30% of those meetings indicated attendance of 0/0. He enquired whether those Committees were still in existence. Dato' President concurred with the comment and indicated that Secretariat would be requested to check whether the Committees were still active at the start of each session. If no longer active, it should be removed from the report.
- 4.5.4 Engr. A W Shaik (M08587) pointed out that there had been numerous comments put forth on the shortage of engineers and the need to have more engineers and yet in the IEM Bulletin, there were advertisements/announcements about migrating to Australia. He added that there was a need to enhance or improve the image of engineers indicating that the image of engineers was very low. He pointed out that there was a need to spend some funds to upgrade the image of engineers citing the example that in some countries, engineers were considered the pillars of the nation.
- Engr. Tan Hoe Tim (F00692) commented that he had been in practise for 40 years and he found that there was a dire need to promote the value of engineers rather than concentrating on the CPD. One good example cited was the low salary scale for engineers.
- 4.5.5 Engr. CMM Aboobucker (M13942) noted that the report indicated a high number of new Student Members being recruited and thanked the Committee for the good work done. However, he pointed out that IEM had been very slow in processing and cited the example of his son's application where there was no news from IEM for six months. Dato' Engr. Abdul Rashid bin Maidin informed the AGM that the Standing Committee on Qualifications and Admissions had been putting in place procedures to expedite processing and applications. He further informed that the new process aimed to ensure that processing would be complete and applicants notified within one week.
- 4.5.6 Engr. Ponimin bin Tayat (M06430) highlighted that IEM should write to the government to request for government jobs to be on open tender or at least 70% of it. He also pointed out that engineers were undercutting each other and proposed that IEM and BEM should ensure that engineers adhere to the BEM Scale of Fees.
- 4.5.7 Engr. Sivalingam a/l Veluppillai (M09546) commended the IEM Council for the good job done in the video conferencing in the Boardroom and ISM room citing that the previous attempt was not as good as some members were at the penthouse which was on another floor.
- 4.5.8 Engr. Looi Hip Peu (F02625) voiced his concern on the bank loan of RM12.15 million for the new building when the contribution received till date was only RM300,000.00. He enquired on the IEM plans on how to continuously sustain the repayment. Dato' President informed the AGM that an Action Plan had been prepared and fund raising activities would be organised to settle the loan as early as possible.
- 4.5.9 Engr. Khew Swee Lian (M22716) pointed out some errors in the Annual Report such as:
- The title was not correct on the content page of the electronic version – The covershould read as ANNUAL REPORT and not ANNUAN REPORT.
  - There were repetitions on page 25.
  - The translation on page 26 was also not correct. Pasukan Bertindak “Isu-isu Berkaitan Dengan Perlupusan Sampah” is not the correct translation for Position Paper Committee on “Issues related to the Use of Incinerators”

He commented that IEM being a professional body would need to ensure that the report produced was of good quality. Dato' President thanked Engr. Khew for his comments and agreed that there was a need to ensure no errors in the IEM Annual Report in future.

- 4.6 Engr. Sivalingam a/l Veluppillai (M09546) proposed that the AGM receive the report and the motion was seconded by Engr. CMM Aboobucker (M13942).

## **5.0 ACCOUNTS FOR THE YEAR ENDED 31 DECEMBER 2007**

- 5.1 The President then invited the Hon. Treasurer, YBhg., Dato' Engr. (Dr.) Abu Hashim bin Abd Ghani to present the Statement of Accounts for The Institution of Engineers, Malaysia for the period 1 January 2007 to 31 December 2007.
- 5.2 YBhg. Dato' Engr. Abu Hashim bin Abd Ghani reported that for year 2007, the Institution made a surplus of RM445,914.00 compared to RM153,237.00 in year 2006.

The main contributors towards the surplus were :

Income from seminars and conferences	RM 172,126
Income from Secretariat services	RM 42,168
Income from Technical Division's activities	RM 314,940
Income from Credit Cards	RM 112,047
Income from rentals	RM 340,940

- 5.3 The total income for year 2007 was recorded at RM3,380,243.00 of which approximately 65% was derived from subscriptions and the remainder from other sources.
- 5.4 There had been an increase in income generated of approximately RM733,605.00 in 2007 as compared to 2006. It was mainly due to an increase in activities from the Technical Divisions as well as subscriptions. Expenditure in year 2007 amounted to RM 2,852,561.00 of which 47% was for personnel emoluments, 33% for administration expenses while the balance was utilised other expenses including subsidies for Branches.

The expenditure for 2006 was RM 2,451,321.00.



- 5.5 The AGM was also informed that the new building was purchase with IEM paying 10% for its own funds and the balance of RM12.15 million via a bank loan from Alliance Bank Berhad to be repayable over a 15-year period at the following annual repayment rates:

First year	RM 91,402.00
Second year	RM 106,429.00
Third year onwards	RM 111,032.00

- 5.6 The Hon Treasurer also informed the AGM that approximately 85% of the new building was currently rented to the International College of Health Sciences at a monthly rental of RM85,000.00. The balance of approximately 15% would be retained by IEM for its own use.

The AGM also noted that the tenant had indicated their intention to vacate the building by the middle of May 2008 but another new tenant had been secured under the same terms and conditions.

- 5.7 After Y.Bhg. Dato' Engr. (Dr.) Abu Hashim bin Abd Ghani's presentation, the Chairman invited questions from the floor.
- 5.7.1 Engr. Sivalingam a/l Veluppillai (M09546) pointed out that there was not much expenses incurred on office facilities. He felt that IEM should spend on upgrading office facilities to provide a better and more efficient working environment for the staff. Y.Bhg. Dato' Engr. (Dr.) Abu Hashim bin Abd Ghani informed that he would be looking into this area.
- 5.7.2 Engr. Vivekananda a/l Murugesu (M05808) enquired on the renovation costs that would be incurred by the new tenant and he was reassured by Y.Bhg. Dato' Engr. (Dr.) Abu Hashim bin Abd Ghani that the new tenant would be responsible for their renovation. He also mentioned that the new tenant had a similar structure as the previous tenant, therefore renovations required may not be too extensive.
- 5.7.3 Engr. Wong Chee Fui (M20903) enquired on the performance of IEM Training Centre Sdn Bhd commenting that there was a need to include the accounts into the Annual Report. He also enquired on the need on the Training Centre's accounts to be consolidated into IEM. Dato' President informed that IEM Training Centre Sdn Bhd is a private company registered with the CCM. Nevertheless, it was agreed that consideration be made whether the accounts should be posted on the IEM website for information of members.
- 5.7.4 There being no further queries, Engr. Tan Seong Lim (M14398) proposed that the accounts be adopted. The motion was seconded by Engr. Sivalingam a/l Veluppillai (M09546) and the AGM therefore adopted the financial statements for the year ended 31 December 2007.
- 5.8 Y.Bhg. Dato' Engr. Abu Hashim bin Abd Ghani then proceeded to present the Statements of Accounts for the IEM Education Fund for the year ended 31 December 2007.

The AGM was informed that the surplus of RM53,800.00 was mainly from the interest generated from Fixed Deposits. It was further noted that the funds in the IEM Education Fund was also from surpluses generated from previous donations.

There being no queries or questions raised, Engr. Dr. Ahmad Anuar bin Othman (M13148) proposed that the Education Fund accounts be adopted. The motion was seconded by Engr. Jagathisen s/o Siva Perumal (F05107). The AGM unanimously adopted the accounts as presented.

## 6.0 ANY OTHER BUSINESS (AOB)

### 6.1 IEM Bulletin Publication

Dato' President informed the AGM that there were two requests made by a member on the issue. One was from Engr. Tham Kum Weng (F01513) who had enquired on the standard procedure, criteria, manner and timing of acceptance of articles, letters, papers and comments in the IEM Bulletin.

Dato' President informed that IEM would be writing to the members with IEM's response on those issues. Dato' President also informed that Engr. Tham's letter as well as IEM's response would be published in the Bulletin for information of other members.

### 6.2 Poor Quality of Engineers

The second request was a letter from Engr. Shyam Laksamanan (M19096) with regard to an article in the Star on poor quality of engineers. Dato' President informed that IEM would be writing to the Star as the article implied that all engineers were of poor quality and IEM needed to correct that impression.

## 7.0 ANNOUNCEMENT OF THE ELECTION RESULTS FOR COUNCIL 2008/2009 SESSION

- 7.1 As there were no other issues raised by members, Dato' President invited the Election Officer, Y. Bhg. Dato' Engr. Pang Leong Hoon to announce the results of the election for the 2008/2009 session.
- 7.2 Y. Bhg. Dato' Engr. Pang Leong Hoon thanked the chair and proceeded with the presentation of the election results added that it was the first time that he would be presenting the results via powerpoint thanking Ms B. E. Ooi and Mr Loo Weng Soon for their assistance in putting up the powerpoint. He also informed that he had conducted the election process according to the procedure laid down by the Council. Accordingly, notice inviting members to submit their nominations was posted on the IEM website.



7.3 Y. Bhg. Dato' Engr. Pang Leong Hoon then reported that with the completion of the nomination of candidates, measures were taken to get the ballot papers printed for the offices which required balloting i.e. Vice Presidents, Hon Secretary and Hon Treasurer. For all other positions, the candidates were duly elected to the post unopposed.

**7.4 Vice President (3 vacancies for 2 sessions 2008/2009 and 2009/2010)**

There were eight (8) nominees contesting for the three (3) vacancies. After the votes were counted, the following three candidates with the highest number of votes were duly elected to the office of Vice President for sessions 2008/2009 and 2009/2010:

1. **Engr. PE Chong**
2. **Engr. Choo Kok Beng**
3. **Engr. Oon Chee Kheng**

**7.5 Honorary Secretary (1 vacancy for session 2008/2009)**

There were two (2) nominations for the one (1) vacancy and the candidate **Engr. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin** with the higher number of votes was duly elected to the office of Honorary Secretary for the session 2008/2009.

**7.6 Honorary Treasurer (1 vacancy for session 2008/2009)**

There was only one nomination received. **YBhg Dato' Engr. (Dr) Abu Hashim bin Abdul Ghani** was returned unopposed to the office of Honorary Treasurer for the session 2008/2009.

**7.7 Council Member – Civil Representative (1 vacancy for 3 sessions 2008/2009, 2009/2010 and 2010/2011)**

There was no nomination received. The Council did not propose any candidate to fill the vacancy.

**7.8 Council Member – Mechanical Representative (1 vacancy for 3 sessions 2008/2009, 2009/2010 and 2010/2011)**

There was only one nomination received. **Engr. Dr. Philip Tan Ah Kow** was returned unopposed to the office of Council Member – Mechanical Representative for the sessions 2008/2009, 2009/2010 and 2010/2011.

**7.9 Council Member – Electrical Representative (1 vacancy for 3 sessions 2008/2009, 2009/2010 and 2010/2011)**

There was only one nomination received. **Engr. Yusouf bin Ahmad** was returned unopposed to the office of Council Member – Electrical Representative for the sessions 2008/2009, 2009/2010 and 2010/2011.

**7.10 Council Member – Structural Representative (1 vacancy for 3 sessions 2008/2009, 2009/2010 and 2010/2011)**

There was only one nomination received. **Engr. Tu Yong Eng** was returned unopposed to the office of Council Member – Structural Representative for the sessions 2008/2009, 2009/2010 and 2010/2011.

**7.7 Council Member – Ordinary Representative (7 vacancies for 3 sessions 2008/2009, 2009/2010 and 2010/2011)**

Six (6) nominations were received for the seven (7) vacancies. The Council has not propose any candidate to fill the remaining one vacancy. All the six (6) candidates were returned unopposed for the office of Council Member - Ordinary Representative for three (3) sessions - 2008/2009, 2009/2010 and 2010/2011. The members duly elected were:

1. **Engr. Kukanesan a/l Sakthiveil**
2. **Engr. Lai Sze Ching**
3. **Engr. Dr. Lee Teang Shui**
4. **Engr. Li Thang Fai**
5. **Engr. Manogaran s/o Raman**
6. **Engr. Assoc. Prof. Mohd Saleh bin Jaafar**

7.10 The entire election exercise covered a period of about three (3) months and incurred a total cost of RM 13,462.10 (documents and postage) excluding IEM staff cost. The total number of voting papers mailed out to members this year was 8,175. There was a small increase in the returns but the result still showed that some 80% of the membership failed to exercise their rights to vote for the candidates nominated to represent their interests in the Council.

7.11 Appreciation was recorded to the Scrutineers, Engr. Mohd Aman bin Hj Idris, Engr. Prof. Madya Dr. Siti Hawa bte Hamzah and Engr. K. Gunasagaran for their valuable assistance. The Election Officer also thanked the IEM Secretariat staff for their full support.

**8.0 PAST PRESIDENTS TO SERVE THE COUNCIL**

8.1 The Chairman informed the AGM that invitations to serve the Council had been extended to Past Presidents. The following Past Presidents had been invited and had accepted the invitation:

1. **Y. Bhg. Dato' Engr. Pang Leong Hoon**
2. **Y. Bhg Academician Engr. Dato' Lee Yee Cheong**
3. **Engr. PE Chong**
4. **Y. Bhg. Datuk Engr. (Dr) Hj Ahmad Zaidee bin Laidin**
5. **Engr. Dr Gue See Sew**



**9.0 PRESENTATION OF MEMENTOS TO RETIRING COUNCIL MEMBERS**

9.1 Dato' President thanked Council Members who were retiring from office for the 2007/2008 session and invited them to receive tokens of appreciation. The Hon. Secretary, Engr. 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 AWARDS TO STAFF**

10.1 Dato' President then presented the Long Service Award to Mr Loo Weng Soon who had served the Institution for 10 years.  
The staff received a cheque and a certificate of appreciation.

**11.0 AMENDMENTS TO IEM CONSTITUTION ARTICLE 2.9, 3.1 AND 6.3**

Dato' President informed members present at the AGM that some amendments were made to the wordings in the articles of the Constitution as follows:

To separate Article 2.9 from Articles 2.10, 2.11, 2.12, 2.13, 2.14, 2.15 and 2.16 by adding a title to the latter as follows:

**Admission/Election/Transfer to other Grades**

2.10 **Fellow:** There shall be no direct admission to this grade. Admission shall only be by transfer from the grade of Member. To be eligible for transfer to the grade of Fellow, a Member shall have satisfied the Council that he is worthy of transfer to this grade in accordance with the relevant Bylaws and Regulations.

Article 3.1

Applicants shall be admitted, elected or transferred to the appropriate grade of membership in The Institution **by the Council.**

Article 6.3

The Council **or a Branch (where authorised by the Council)** may purchase any property movable or immovable and to take, accept and hold any such property which may become vested in it by virtue of such purchase, or by any exchange, grant, donation, lease, testamentary disposition or otherwise; provided that the Council may not sell, mortgage, exchange or otherwise dispose of any such immovable property, without the confirmation by votes of Corporate Members.

The AGM approved the proposed amendments to be sent to all Corporate Members for approval via postal ballot.

**12.0 ELECTION OF HONORARY INTERNAL AUDITOR**

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 2008/2009 session.

<b>Member</b>	<b>Proposer</b>	<b>Seconder</b>
Engr. Mah Soo Engr. Awangku Hidup bin Awangku Hosain	Engr. Yusouf bin Ahmad Engr. Oon Chee Kheng	Engr. Khew Swee Lian Dato' Engr. Abdul Rashid bin Maidin

**13.0 APPOINTMENT OF EXTERNAL AUDITORS**

13.1 Dato' President informed the AGM that the Council had recommended the re-appointment of Messrs KPMG as the External Auditors. The AGM unanimously approved the Council's recommendation and confirmed the re-appointment of Messrs KPMG as the External Auditors.

**14.0 PRESIDENTIAL ADDRESS 2008/2009**

14.1 Dato' President was then invited to present the Presidential Address 2008 entitled "From Nation Builders to Nation Movers".

**15.0 ADJOURNMENT OF 49th ANNUAL GENERAL MEETING 2008**

15.1 The President declared the 48th Annual General Meeting adjourned at 11:30 am. The President reminded members that the Annual Dinner would be held at Sheraton Subang Hotel, Subang Jaya.

Y.Bhg. Dato' Paduka Engr. Hj Keizrul bin Abdullah FIEM, PEng  
President

Engr. Assoc. Prof. Dr Jeffrey Chiang Choong Luin MIEM, PEng  
Hon Secretary



NO	NAME	MEMBERSHIP NO		
			75. Engr. Yusoff Md Nasir	F08713
			76. Engr. Yusouff Ahmad	F05627
<b>HONORARY FELLOW</b>				
1.	Y. Bhg Dato' Engr. Pang Leong Hoon	Hon.F00015		
<b>HONORARY FELLOW</b>				
2.	Engr. Abd. Rahim Othman	F08617		
3.	Dato' Engr. Abdul Rahman Dahan	F12530		
4.	YBhg Dato' Engr. Hj Abdul Rashid Maidin	F05131		
5.	Engr. Prof. Madya Dr. Ahmad Suhaimi Abd Rahim	F12235		
6.	YBhg Dato' Engr. Ahmad Zaidee Laidin	F01019		
7.	Engr. Dr. Aminuddin Mohd Baki	F15137		
8.	Engr. Azli Mokhtar	F13224		
9.	Engr. Badrul Hisham Mohd Ali	F12035		
10.	Engr. Chen Wai Peng	F03498		
11.	Engr. Chen Kim Kieong, Vincent	F05128		
12.	Engr. Chiew Kee Lin	F03168		
13.	Engr. Chong Boo Choo	F01936		
14.	Engr. Chong Pick Eng	F01214		
15.	Engr. Choo Kok Beng	F02828		
16.	YBhg Dato' Engr. Prof. Dr. Chuah Hean Teik	F09157		
17.	Engr. Faridon Talib	F09346		
18.	Engr. Foong Choy Chye	F03799		
19.	Engr. Goh Kar Bung	F08013		
20.	Engr. Goh Wu Tiew, Eric	F07768		
21.	Engr. Gong Ngie Dee	F02397		
22.	Engr. Dr. Gue See Sew	F03975		
23.	Engr. Hamdan bin Mohd Uda	F03590		
24.	Engr. Heng Aik Sin	F13042		
25.	Engr. Hoo Choon Sean	F02312		
26.	Engr. Ishak Abdul Rahman	F02106		
27.	Engr. Dr. Jong Nyon Tchan, Edwin	F18877		
28.	YBhg Dato' Paduka Engr. Hj Keizrul Abdullah	F01691		
29.	Engr. Kukanesan s/o Sakthivel	F02461		
30.	Engr. Lee Chong Kiow	F04785		
31.	Engr. Dr. Lee Teang Shui	F03848		
32.	Engr. Li Thang Fai	F15803		
33.	Engr. Lim Ah Hang	F06061		
34.	Engr. Lim Kim Sing	F05731		
35.	Engr. Lim Thiam Chai	F03026		
36.	Engr. Looi Hip Peu	F02625		
37.	Engr. Look Keman Sahari	F07295		
38.	Engr. Luk Chau Beng	F11389		
39.	Engr. Ma Meng Fook	F13496		
40.	Engr. Mah Huey Fong	F04475		
41.	Engr. Mah Soo	F11102		
42.	Engr. Mohamed Ali Yusoff	F01974		
43.	Engr. Mohd Aman Hj Idris	F02176		
44.	Engr. Mohd Hashim Daud	F10215		
45.	Engr. Mohd Isa Hj Sarman	F02875		
46.	Engr. Mohd Khir Muhammad	F18791		
47.	Engr. Mohd Ridzuan Kulub Othman	F09978		
48.	Engr. Assoc. Prof. Dr. Mohd Saleh Jaafar	F13477		
49.	Engr. Ng Kok Peng	F03745		
50.	Engr. Dr. Ng See Seng	F01298		
51.	Engr. Ng Shiu Yuen, David	F15247		
52.	Engr. Dr. Ooi Teik Aun	F01249		
53.	Engr. Oon Chee Kheng	F08530		
54.	YBhg Datuk Engr. Prof. Dr. Ow Chee Sheng	F05738		
55.	Engr. Ponimin Tayat	F06430		
56.	Engr. Qua Hock Chye	F01966		
57.	Engr. Rajinder Raj	F05916		
58.	Engr. Dr. Ramlee Karim	F04761		
59.	Engr. Prof Dr. Ruslan Hassan	F03541		
60.	Engr. Samsuddin Ismail	F06923		
61.	Engr. Shamuri Amat Waridi	F02581		
62.	Engr. Siri Pathamanathan Sathasivam	F06184		
63.	Engr. Sivalingam Velluppillai	F09546		
64.	Engr. Tan Hoe Tim	F00692		
65.	Engr. Tan Keng Hong	F02699		
66.	Engr. Tan Lee, Magdelene	F02102		
67.	Engr. Tan Yean Chin	F11712		
68.	Engr. Teoh Jee Lang	F13801		
69.	Engr. Tham Kum Weng	F01513		
70.	Engr. Wong Fook Keong	F08477		
71.	Engr. Wong Hon Thang, Rocky	F01330		
72.	Engr. Wong Yii Heng	F07039		
73.	Engr. Yee Tet Shun	F02870		
74.	Engr. Yim Hon Wa	F08247		
<b>CORPORATE MEMBER</b>				
77.	Engr. Abdul Aziz Othman			M10900
78.	Engr. Abdul Aziz Salim			M24886
79.	Engr. Abdul Fattah Yatim			M04667
80.	Engr. Abdul Manap Hanafi			M18512
81.	Engr. Abdul Mutti Shafain			M12309
82.	Engr. Abdullah Ismail			M07446
83.	Engr. Abdullah Othman			M11026
84.	Engr. Abd Kalthani Abd Ghani			M05204
85.	Engr. Abu Fatah Sanusi			M12195
86.	Engr. Dato Engr. (Dr.) Abu Hashim Abd Ghani			M02908
87.	Engr. Adib Ab Rahman			M06574
88.	Engr. Dr. Ahmad Annuar Othman			M13148
89.	Engr. Maj (R) Ahmad Mazlan Othman			M10137
90.	Engr. Ahmad Rafidi Mohayiddin			M22228
91.	Engr. Ahmad Ramli			M24708
92.	Engr. Ahmad Razmi Abd Ghaffar			M09937
93.	Engr. Ali R Ebad			M13440
94.	Engr. Al-Khairi Mohd Daud			M14670
95.	Engr. Ang Boh Kheng			M02886
96.	Engr. Ang Mei Yu			M06981
97.	Engr. Arjunaidi Md Yunus			M12870
98.	Engr. Awangku Hidup Awangku Hosain			M03053
99.	Engr. Aziz Safri			M10054
100.	Engr. Basheer Ahmad Md Idris			M06682
101.	Engr. Beh Kim Boon			M16294
102.	Engr. Boon Chuan Kok			M16788
103.	Engr. Butt Hon Bong			M13706
104.	Engr. Cader Mohideen Mohamed Aboobucker			M13942
105.	Engr. Chai Peng Mun, William			M17977
106.	Engr. Chan Fook Wah			M04112
107.	Engr. Chan Sin Sang			M04750
108.	Engr. Chan Soo Chai			M15647
109.	Engr. Chan Zhi Han			M29706
110.	Engr. Chang Chen Leong			M15783
111.	Engr. Cheah Seuk Poh			M03534
112.	Engr. Cheah Tat Seong			M2577
113.	Engr. Chee Kwee Poey			M23412
114.	Engr. Chee Lai Kong			M04876
115.	Engr. Chee Peng Choy			M08090
116.	Engr. Chee Shi Tong, John			M16035
117.	Engr. Chen Khar Ye			M16552
118.	Engr. Cheng Chee Song			M09774
119.	Engr. Cheng Chin Chuan			M21201
120.	Engr. Cheong Chi Sum			M12157
121.	Engr. Cheong Choong Fiee			M08370
122.	Engr. Chew Cheng Way			M08870
123.	Engr. Chew Leak Yan			M16406
124.	Engr. Chia Teck Koon			M02684
125.	Engr. Assoc. Prof. Dr. Chiang Choong Luin, Jeffrey			M20286
126.	Engr. Chin Cheong Shyan			M18602
127.	Engr. Chin Gan Oon, Peter			M00910
128.	Engr. Chin Hui Seng			M18563
129.	Engr. Chin Shyi Her			M24341
130.	Engr. Chin Sze Yuan			M20748
131.	Engr. Chin Wei Choong			M03728
132.	Engr. Chin Yit Khuan			M13399
133.	Engr. Chock Kek Ling			M02949
134.	Engr. Choi Yet You			M20385
135.	Engr. Chong Chi Koong			M18794
136.	Engr. Chong Chin Meow			M02641
137.	Engr. Chong Fook Chow			M03956
138.	Engr. Chong Gat Choong			M04438
139.	Engr. Chong Swee Choon			M08637
140.	Engr. Chong Tzih Sen			M07859
141.	Engr. Choo Ah Min			M24219
142.	Engr. Choo Chee Ming			M23927
143.	Engr. Choo Eng Hong			M13094
144.	Engr. Choo Teck Hin			M14540
145.	Engr. Chooi How Leong			M01823
146.	Engr. Chooi Chin Swee			M03458
147.	Engr. Chook Chan Seng			M13015
148.	Engr. Chow Kam Phoon			M01704
149.	Engr. Chu Kum Yuan			M02761
150.	Engr. Chua Lee Boon			M03650
151.	Engr. Chuah Seong Joo, Harry			M02033



152. Engr. Chung Boon Kuan	M16910	229. Engr. Lee Mun Poh	M08600
153. Engr. Chung Siew Kong	M25389	230. Engr. Lee Seng Fong	M14893
154. Engr. Chwa Kim Guan	M19634	231. Engr. Lee Seong Lian	M18359
155. Engr. Daud Ismail	M09313	232. Engr. Lee Weng Onn	M08103
156. Engr. Endok Sempo Mohd Tahir	M28367	233. Engr. Leong Chee Tuck	M02996
157. Engr. Fadzli Ali	M15630	234. Engr. Leong Kong Heng	M05483
158. Engr. Faisal Abdullah	M02824	235. Engr. Leong Mun Yew	M17730
159. Engr. Fakharazi Wahijan	M11226	236. Engr. Leong Soon Kong	M03193
160. Engr. Fan Chun Yee	M18703	237. Engr. Leow Kay Pin	M02859
161. Engr. Ferng Meow Chong	M00682	238. Engr. Lew Wing Kwong	M02760
162. Engr. Foo Kai Jaan	M22304	239. Engr. Liao Chi Kuang	M03755
163. Engr. Foo Siang Tong	M02242	240. Engr. Lieng Wei Ming	M17372
164. Engr. Foong Mun Yan	M02993	241. Engr. Liew Khee Leong	M14505
165. Engr. Fred Devakumar Stephen Navaratnam	M04758	242. Engr. Lim Beng Hian	M18592
166. Engr. Gan Kok Seong	M11523	243. Engr. Lim Boon Chye, Boone	M10490
167. Engr. Gan Wah Bin	M08973	244. Engr. Lim Chee Peng	M04530
168. Engr. Goh Boon Sai	M04517	245. Engr. Lim Cheng Poh	M15805
169. Engr. Goh Gin Han	M00945	246. Engr. Lim Ching Soon	M07013
170. Engr. Goh Hong Ping	M22223	247. Engr. Lim Choh Teck	M03787
171. Engr. Goh King Kiong	M27602	248. Engr. Lim Choon Lin	M05785
172. Engr. Gunasagaran Kristnan	M08216	249. Engr. Lim Chor Pin	M08818
173. Engr. Han King Guan	M07866	250. Engr. Lim Gu Woon	M05864
174. Engr. Hazman Muhammad	M28252	251. Engr. Lim Kay Beng	M02947
175. Engr. Hee Meng Chor	M13947	252. Engr. Lim Kim Ten	M24468
176. Engr. Heng Aik Chau	M12603	253. Engr. Lim Lik	M06752
177. Engr. Ho Chiu Peng	M01908	254. Engr. Lim Poo Lee	M05448
178. Engr. Hooi Wing Chuen	M19934	255. Engr. Lim Teck Huat	M13209
179. Engr. How Fow Swee	M06932	256. Engr. Lim Tian Lu	M12278
180. Engr. Hui Hin Yee	M13450	257. Engr. Dr. Lim Wai Tat	M18059
181. Engr. Ishak Mohd Ibrahim	M04655	258. Engr. Lit Moon Chew	M04688
182. YBhg. Datuk Wira Engr. Ismail Samion	M06772	259. Engr. Lit Moon Kai	M10235
183. Engr. Jaafar Ahmad	M05225	260. Engr. Loi Tuck Chow	M18933
184. Engr. Jagathisen Siva Perumal	M05107	261. Engr. Lok Boon Cheng	M09756
185. Engr. Jagjeet Singh Sidhu	M07146	262. Engr. Lok Wong Yip	M24055
186. Engr. Jamaludin Hussain	M15293	263. Engr. Loo Chee Kin	M15863
187. Engr. Jasvinder Singh	M12812	264. Engr. Loo Moon Whai	M02274
188. Engr. Jayaseelan Nadarajah	M14445	265. Engr. Looi Kin Leong	M22575
189. Engr. Jeyarajan T. Mathiaramanam	M22498	266. Engr. Lum Siew Cheong, Jeffrey	M26453
190. Engr. Joel K Rasiah	M15492	267. Engr. Mah Peng Cheah	M13724
191. Engr. Jong Nyuk Nang, Andrew	M07631	268. Engr. Man Abisuffian Ahmad	M04959
192. Engr. Juares Rizal Abd Hamid	M04562	269. Engr. Mansur Abd Shukor	M11280
193. Engr. Dr. Junaidah Ariffin	M08265	270. Engr. Mat Ali A Latiff	M08619
194. Engr. Kamarudin Abd Karim	M12533	271. Engr. Mat Nasir Kari	M06288
195. Engr. Kamarudin Ahmad	M03309	272. Engr. Megat Mukhtar Megat Nasir	M03568
196. Engr. Kasman @ Ab Rahman Rardi	M03440	273. Engr. Prof. Dr. Mohamad Nor Berhan	M08251
197. Engr. Kassim Omar	M04504	274. Engr. Mohamad Rashid Navi Bax	M11830
198. Engr. Khew Swee Lian	M22716	275. Engr. Mohamad Rosli Che Abdullah	M23897
199. Engr. Khoo Kwan Kok	M09056	276. Engr. Mohamad Shahril Yope@ Yahya	M14960
200. Engr. Khoo Nee Keong	M10982	277. Engr. Mohamad Shukri Idris	M15902
201. Engr. Khor Hock Keat	M03670	278. Engr. Mohamed Abdul Aziz	M11111
202. Engr. Khor Kong Chong	M12533	279. Engr. Mohammed Noor Abu Hassan	M12586
203. Engr. Khor Kong Kee	M01129	280. Engr. Mohd Adlin Mad Nordin	M19714
204. Engr. Koay Cheoh Theam	M13451	281. Engr. Mohd Ali Yusoff	M22152
205. Engr. Koh Fong Chong	M16620	282. Engr. Mohd Azha Abu Samah	M16254
206. Engr. Koh Wei Sang	M16432	283. Engr. Mohd Azmi Mohd Zain	M07274
207. Engr. Kon Chau Hwa	M05026	284. Engr. Mohd Hazli Hashim	M10299
208. Engr. Koay Koon Hin	M02326	285. Engr. Mohd Hisham Ibrahim	M18891
209. Engr. Kor Fong Yong	M03877	286. Engr. Mohd Isa Ibrahim	M11222
210. Engr. Kuan Yen Ping	M16629	287. Engr. Mohd Jaaffar Mohd Daud	M04905
211. Engr. Kuek Fook Hui	M17188	288. Engr. Mohd Khairuddin Shafie	M27646
212. Engr. Kumar KPK Shanmugam	M20267	289. Engr. Mohd Mazni Abd Aziz	M05403
213. Engr. Lai Jee Yih	M14869	290. Engr. Mohd Nordzi Mohd Rafdzi	M11967
214. Engr. Lai Joo Seng	M13290	291. Engr. Mohd Rosdee Yaacob	M20750
215. Engr. Lai Seak Chin	M23172	292. Engr. Mohd Sabri Abdullah	M12809
216. Engr. Lam Yoon Cheong	M08816	293. Engr. Mohd Safarin Samingan	M20741
217. Engr. Lau Chee Khin	M02162	294. Engr. Mohd Saiful Mustafa	M29074
218. Engr. Lau Chee Wai	M05468	295. Engr. Mohd Saifuzzaman Hoesni	M12915
219. Engr. Lau Lee Yang	M07826	296. Engr. Mohd Salleh Othman	M17878
220. Engr. Lau Siang Ee	M19053	297. Engr. Mohd Shahrom Ahmad Saman	M29075
221. Engr. Lau Yen Chang	M08976	298. Engr. Manogaran s/o K Raman	M08218
222. Engr. Lee Boon Chong	M08092	299. Engr. Muhammad Pauzi Abdul Ghani	M15316
223. Engr. Lee Chow Khweng	M06025	300. Engr. Muhammad Ghazi Haji Hassan	M11245
224. Engr. Lee Eng Choy	M08979	301. Engr. Narayanasamy Krishnasamy	M07989
225. Engr. Leow Kay Pin	M02859	302. Engr. Nazri Harun	M16339
226. Engr. Lee Kong Fan	M08271	303. Engr. Ng Ah Book, Andrew	M20282
227. Engr. Lee Loi Kong	M26909	304. Engr. Ng Ah Chung	M15445
228. Engr. Lee Man Chong	M16640	305. Engr. Ng Buan Hook	M20565
		306. Engr. Ng Jin Seng	M15807



307. Engr. Ng Kam Weng	M03684	385. Engr. Ten Pang Sin	M19972
308. Engr. Ng Keng Bing	M21594	386. Engr. Teoh Boon Pin	M17685
309. Engr. Ng Kian Lai	M06331	387. Engr. Tham King Swee	M14468
310. Engr. Ng Kien An	M16214	388. Engr. Tham Kwai Heng	M07931
311. Engr. Ng Peng Yuen	M11963	389. Engr. Thavarajan Muthiah Pillai	M11730
312. Engr. Ng Seh Theng	M04166	390. Engr. Thum Yeok Seng	M02457
313. Engr. Ng Soon Poh	M16414	391. Engr. Ti Lian Tong	M19670
314. Engr. Ng Teik Poh	M13463	392. Engr. Tiah Oon Han	M19227
315. Engr. Ng Wen Yeh	M18163	393. Engr. Toh Ai Ching	M03187
316. Engr. Ng Yek Kan	M03559	394. Engr. Toh Seng Loo	M02808
317. Engr. Nor Azlan Yusoff	M26366	395. Engr. Tu Yong Eng	M15448
318. Engr. Ng Yong Kong	M05043	396. Engr. Voon Yik Kin	M04952
319. Engr. Robert Ng	M01655	397. Engr. Wan Ismail Awang	M05810
320. Engr. Oh Yew Khoon	M16577	398. Engr. Wan Nazari Wan Jusoh	M19071
321. Engr. Ong Boo Soon	M21880	499. Engr. Wan Ting Sze	M05844
322. Engr. Ong Chin Loon	M11938	400. Engr. Wong Chee Fui	M20903
323. Engr. Ong Guan Hock	M03317	401. Engr. Wong Choon Meng	M03206
324. Engr. Ong Sang Woh	M06634	402. Engr. Wong Heng Kuen	M19237
325. Engr. Ong Tang Kook	M14229	403. Engr. Wong Hoong Kheong	M06423
326. Engr. Ong Ye Poo	M12282	404. Engr. Wong Huan Yong	M12895
327. Engr. Ooi Hock Lye	M15897	405. Engr. Wong Kim Yen	M01450
328. Engr. Oon Kee Huan	M04516	406. Engr. Wong Loo Min	M08237
329. Engr. Prof. Dr. Othman A Karim	M10247	407. Engr. Wong Mok Far	M12051
330. Engr. Padmanathan A Subramaniam	M07782	408. Engr. Wong Rory Kim	M06424
331. Engr. Pang Kia Kim	M22014	409. Engr. Wong Sai Yong	M16359
332. Engr. Pang San Moh	M14936	410. Engr. Wong Swee On	M03830
333. Engr. Phua Jee Chin	M06955	411. Engr. Phillip Wong	M13736
334. Engr. Poh Boon chaw	M03195	412. Engr. Wong Tuck Seng	M15321
335. Engr. Rajakumar s/o Raja Sundram	M02389	413. Engr. Wong Tuck Woh	M03489
336. Engr. Sabri Yusof	M19198	414. Engr. Wong Tuck Yoon	M12228
337. Engr. Santha Kumaran Ervsan@Krishnan	M18975	415. Engr. Woo Mun Meng	M03215
338. Engr. Sathamoorthy Ponnudurai	M19439	416. Engr. Woo Soo Ming	M13493
339. Engr. Selva Gunalan Selliah	M16630	417. Engr. Wu Swee Weng	M06661
340. Engr. Selva Kumar Rasiah	M02749	418. Engr. Yam Teong Sian	M05613
341. Engr. Sew Shuh Tyng	M11409	419. Engr. Yap Sin Chong	M05515
342. Engr. Shahril Abd Aziz	M28249	420. Engr. Yap Wai Hoong	M09433
343. Engr. Shan Suleiman	M10045	421. Engr. Yap Wooi Kien	M18600
344. Engr. Kapt. Shukhen Dutt	M15781	422. Engr. Yau Chau Fong	M20215
345. Engr. Shum Keng Yan	M14287	423. Engr. Yazid Hassan	M10085
346. Engr. Sim Lim Char	M05246	424. Engr. Yeap Swee Cheong	M24349
347. Engr. Sio Kee Seng, David	M07830	425. Engr. Yee Cheze Kwang, Felix	M19672
348. Engr. Siow Koi Tan	M06610	426. Engr. Yee Thien Seng	M03177
349. Engr. Somasuntharam Chinniah	M04896	427. Engr. Yeo Joo Kun	M03561
350. Engr. Soon Kong Wang	M18749	428. Engr. Yeoh Sik Ching	M06707
351. Engr. Soon Woi Kheng	M09046	429. Engr. Yeoh Teng Tatt	M04089
352. Engr. Soong Peng Soon	M06460	430. Engr. Yeong Chin Chow	M18660
353. Engr. Soong Sow Meng	M04565	431. Engr. Yew Teik Kuan	M17212
354. Engr. Spencer Klumai	M21475	432. Engr. Yip Sow Har	M03476
355. Engr. Suhaimi Shamsuddin	M13431	433. Engr. Yong Eng Chieh	M26595
356. Engr. Kpt. Sukhdev Singh	M11344	434. Engr. Yong Hong Liang	M21589
357. Engr. Tajudin Ibrahim	M06407	435. Engr. Yong Woo Chuan	M11895
358. Engr. Dr. Tajul Arus Noh	M01111	436. Engr. Yu Suen Keat	M29772
359. Engr. Tan Ah Kow, Philip	M12562	437. Engr. Zainal Ariffin Osman	M16177
360. Engr. Tan Beng Hua	M02487	438. Engr. Zawawi Embong	M07396
361. Engr. Tan Chee Kien	M06438		
362. Engr. Tan Chee Seng	M08821	<b>GRADUATE</b>	
363. Engr. Tan Cheng Chuan	M04988	439. Engr. Asiah Ahmad Waridi	G18941
364. Engr. Tan Cheng Peng	M21134	440. Engr. Ahmad Shahidan Said	G14164
365. Engr. Tan Chuan Hock	M11137	441. Engr. Caroline Mariadas Rasiah	G24435
366. Engr. Tan Hua Chun	M21296	442. Engr. Chong Fatt Yee	G25814
367. Engr. Tan Kim Tiang	M12274	443. Engr. Khairur Rijal Jamaludin	G15408
368. Engr. Dr. Tan Kuang Leong	M13221	444. Engr. Lee Woei Nen	G29219
369. Engr. Tan Lay Oi	M16354	445. Engr. Lim Meng Choo	G28974
370. Engr. Tan Leong Choon	M02232	446. Engr. Mohd Khairolden Ghani	G26964
371. Engr. Tan Lip Jin	M16493	447. Engr. Mohd Rezal Mohamed	G28826
372. Engr. Tan Loo Shyang	M14648	448. Engr. Muhammad Faidzal Zainal	G24494
373. Engr. Tan See Kok	M02152	449. Engr. Ng Chan Sinn	G19500
374. Engr. Tan Seong Lim	M14398	450. Engr. Rizal Abu Bakar	G21150
375. Engr. Tan Wah Sing	M06421	451. Engr. Sek Fook Meng	G13965
376. Engr. Tan Whai Kee	M08634	452. Engr. Suffian Slammat	G32627
377. Engr. Tang Chee Yong	M11694	453. Engr. Shuhaili Mohamad	G25108
378. Engr. Tang Chin Chua	M14282	454. Engr. Shuhairy Norisham	G32614
379. Engr. Tang Keng Lock	M03784	455. Engr. Vijayakumar Somasundaram	G16606
380. Engr. Tee Kok Ching	M15525	456. Engr. Vivekananda Murugesu	G05808
381. Engr. Tee Teow Yong	M09292	457. Engr. Wong Chee Hong	G24522
382. Engr. Teh Lai San	M16848		
383. Engr. Teh Piaw Ngı	M05327	<b>NON IEM MEMBER</b>	
384. Engr. Teh See Tee	M08139	458. Cik Norhayati Abdul Hamid	



**MINIT MESYUARAT AGUNG TAHUNAN KE-49 INSTITUSI JURUTERA MALAYSIA (IEM)  
YANG DIADAKAN PADA 19 APRIL 2008 DI DEWAN PERSIDANGAN IEM, BANGUNAN INGENIEUR,  
PETALING JAYA PADA PUKUL 9.00 PAGI**

**KEHADIRAN – SILA RUJUK LAMPIRAN A**

**1.0 UCAPAN ALUAN OLEH YANG DIPERTUA**

- 1.1 Yang Dipertua IEM, Y.Bhg. Dato' Engr. Hj Keizrul bin Abdullah mengalu-alukan kesemua ahli yang hadir dan memulakan Mesyuarat Agung Tahunan (MAT) kali ke-49 pada jam 9.00 pagi. Dato' Yang Dipertua memaklumkan MAT kali ini terpaksa diadakan di Bangunan Ingenieur dengan menggunakan sidang video tiga bilik disebabkan Dewan Tan Sri Mahfuz tidak dapat digunakan. Dato' Yang Dipertua juga memaklumkan kepada semua ahli bahawa beberapa kakitangan Sekretariat telah ditempatkan dalam setiap bilik bagi memudahkan ahli mengemukakan soalan.
- 1.2 Sebelum meneruskan agenda MAT, Dato' Yang Dipertua meminta semua ahli yang hadir untuk bertafakur selama satu minit sebagai tanda hormat kepada mendiang Ahli Akademik Tan Sri Engr. (Dr) JG Daniel yang telah meninggal dunia pada 16 September 2007.

**2.0 PENGESAHAN MINIT MESYUARAT AGUNG TAHUNAN KE-48 YANG BERLANGSUNG PADA 20 APRIL 2007**

- 2.1 Dato' Yang Dipertua kemudian merujuk kepada minit yang disertakan di dalam mukasurat 42 hingga 48 Laporan Tahunan dan mempelawa ahli untuk mengajukan apa-apa kesilapan di dalam catatan. Beliau juga mengucapkan terima kasih kepada Engr. Dr. Muhamad Fuad bin Abdullah kerana kesudian beliau membantu menterjemahkan minit mesyuarat ke Bahasa Malaysia. Versi Bahasa Malaysia minit tersebut dimasukkan ke dalam Laporan Tahunan dari mukasurat 52 hingga 58.
- 2.2 Memandangkan tiada sebarang pindaan, Engr. Chong Chin Meow (M02641) mencadangkan minit Mesyuarat Agung Tahunan ke-48 yang diadakan pada 20 April 2007 diterima. Cadangan tersebut disokong oleh Engr. Jagathisen s/o Siva Perumal (F05107) dan diterima sebulat suara oleh semua ahli yang hadir.

**3.0 PERKARA BERBANGKIT**

Datuk Pengerusi yang merupakan Yang Dipertua IEM telah memberikan respons kepada perkara-perkara yang telah dibangkitkan dalam MAT yang ke-48 seperti yang tercatat dalam minit dan terdapat dalam Laporan Tahunan dari muka 42 hingga 48. Perkara-perkara tersebut adalah seperti berikut:

**3.1 Washington Accord**

Mukasurat 45 dan 45, perkara 6.2

Sidang MAT diberitahu bahawa pihak IEM telah membuat usul kepada Lembaga Jurutera Malaysia (BEM) bahawa IEM, sebagai satu-satunya badan profesional di dalam Majlis Akreditasi Kejuruteraan (EAC), sepatutnya menjadi organisasi yang menandatangani Washington Accord bagi pihak Malaysia. Namun begitu, Kementerian Kerja Raya telah memilih BEM untuk menandatangani.

**4.0 LAPORAN MAJLIS BAGI SESI 2007/2008**

Datuk Pengerusi meneruskan majlis dengan menjemput Setiausaha Kehormat untuk membentangkan Laporan Tahunan ke-49 dari mukasurat 65 hingga 106. Setiausaha Kehormat, Engr. Oon Chee Kheng telah memaklumkan bahawa tahun 2007 merupakan tahun yang aktif bagi IEM dan beliau menyenaraikan perkembangan terkini seperti berikut:

**4.1 Majlis dan Jawatankuasa Eksekutif**

MAT dimaklumkan bahawa untuk sesi 2007/2008, kedua-dua Majlis dan Jawatankuasa Eksekutif telah mengadakan lebih banyak mesyuarat dari biasa untuk mengendalikan urusan Institusi terutamanya dalam hal pembelian bangunan baru. Kata-kata penghargaan telah diberikan kepada YBhg Datuk Engr. Hj Ahmad Zaidée bin Laidin sebagai pengerusi Jawatankuasa Ad Hoc yang berperanan besar dalam kejayaan IEM membida bangunan berkenaan.

**4.2 Pembelian Bangunan Baru**

Setiausaha Kehormat menambah bahawa bangunan yang terletak di seberang jalan di mana terletaknya Bangunan Ingenieur sekarang telah dibeli dengan harga RM13.5 juta. IEM telah membayar jumlah pendahuluan sebanyak 10% dengan menggunakan dananya sendiri dan selebihnya sebanyak RM12.15 juta telah dibayar melalui pinjaman dari Alliance Bank Berhad.

Seterusnya beliau memberitahu MAT bahawa sebuah Jawatankuasa Tabung Dana yang dipengerusikan oleh Bendahari Kehormat, Y.Bhg. Dato' Engr. Abu Hashim bin Abdul Ghani telah ditubuhkan dalam tahun 2007 untuk mengumpul derma bagi melunaskan pinjaman bank awal agar tidak membebankan ahli-ahli generasi akan datang.

Ucapan penghargaan telah dicatatkan kepada ahli-ahli IEM dan juga organisasi persendirian yang telah memberi sumbangan kepada Dana Bangunan IEM yang kini berjumlah RM305,000.00.

**4.3 Keahlian**

Mukasurat 65 dan 66.



MAT mengambil maklum rekod keahlian seperti berikut:-

Bilangan keahlian pada 1.1 2007	16,789
Ahli Korporat	8,434
Ahli Graduan	5,849
Ahli Pelajar	2,457
Lain-lain Gred	49

Pembahagian keahlian mengikut disiplin juga telah diambil maklum.

MAT dimaklumkan bahawa sepanjang sesi ini, aktiviti-aktiviti bertujuan menambah bilangan keahlian telah dijalankan. Dengan adanya usaha bersepadu di kalangan Ahli Jawatankuasa serta ahli-ahli yang bertindak sebagai penceramah dan kaunselor, peningkatan keahlian adalah yang paling tinggi sejak tahun 2000. Keahlian Pelajar juga menunjukkan peningkatan mendadak sebanyak 58.2% berbanding sesi sebelumnya.

Ahli-ahli dimaklumkan bahawa dalam usaha untuk meringkaskan proses kemasukan, set borang keahlian baru telah diperkenalkan bagi gred-gred berkenaan yang mana boleh dimuat-turun dari laman web IEM. Perubahan paling ketara boleh didapati di dalam borang permohonan MIEM di mana bilangan Penyokong ("Secondar") telah dikurangkan dari tiga kepada satu.

#### 4.4 Perkembangan Terkini

- 4.4.1 Kurikulum dan sukatan pelajaran baru telah dirangka untuk peperiksaan setempat IEM/BEM yang dijangka akan dilaksanakan dari Mei 2009.

Kurikulum baru tersebut mengambil kira trend global Pendidikan Berteraskan Hasil dengan penekanan ke atas hasil program dan subjek. Latihan Perindustrian Berstruktur juga akan diperkenalkan dalam peperiksaan tersebut dengan penekanan terhadap kemahiran insaniah di mana calon-calon diwajibkan menulis dan membentangkan laporan kerja-kerja projek yang dilaksanakan.

- 4.4.2 IEM telah dilantik oleh Lembaga untuk mengendalikan Peperiksaan Penilaian Professional berkuatkuasa dari 1 Januari 2007.
- 4.4.3 Di samping itu, Jawatankuasa Tetap Peperiksaan dan Latihan akan menjalankan soalselidik ke atas kualiti graduan kejuruteraan terkini bagi memastikan samada kualiti mereka benar telah merosot.
- 4.4.4 Dua persidangan utama telah diadakan pada tahun 2007 seperti berikut:

**Kongres Kejuruteraan Sedunia Ke-3 (WEC)  
- 5 – 9 Ogos 2007 di Gurney Hotel dan Resort, Pulau Pinang**

475 peserta telah menghadiri persidangan tersebut.

**Persidangan Geo-Teknikal Asia Tenggara (SEAGC)  
- 8 -11 Mei 2007 di Sheraton Hotel, Subang Jaya**

498 peserta telah menghadiri persidangan tersebut.

- 4.4.5 Setiausaha Kehormat telah memaklumkan MAT bahawa kesemua enam belas Bahagian Teknikal yang mewakili berbagai disiplin telah bertungkus lumus merancang dan menjalankan lebih banyak aktiviti untuk membantu ahli mengumpulkan jam CPD bagi memenuhi syarat yang ditetapkan oleh BEM.

#### 4.4.6 Pelawat dari Luar Negara

MAT dimaklumkan bahawa sepanjang sesi, IEM telah menjadi hos kepada pelawat-pelawat dari:

Institusi Jurutera Struktur, UK  
Comsoc, IEEE  
American Society of Heating, Refrigeration and Air-Conditioning Engineers (Malaysian Chapter), USA  
Institusi Jurutera China (China Taipei)

#### 4.4.7 IEM di Arena Antarabangsa

MAT dimaklumkan bahawa IEM telah sekali lagi dilantik sebagai Sekretariat Persekutuan Pertubuhan Kejuruteraan ASEAN (AFEO), satu jawatan yang dipegang sejak tahun 1998. Pelantikan IEM sebagai Sekretariat Daftar Jurutera ASEAN juga telah dilanjutkan. Engr. Tan Yean Chin telah dilantik sebagai Setiausaha Agung AFEO manakala Engr. Rocky HT Wong telah dilantik sebagai Ketua Pesuruhjaya Daftar Jurutera ASEAN

IEM juga dilantik sebagai Sekretariat tetap FEISEAP (Persekutuan Institusi Kejuruteraan Asia Tenggara dan Pasifik) pada tahun 2007.

Mantan Presiden IEM, Engr. Dr. Gue See Sew telah dilantik sebagai Yang Dipertua Daftar Jurutera APEC/Jurutera Antarabangsa EMF.

IEM juga mengetuai gugusan Perkhidmatan ETI Jenama Malaysia (Teknologi Kejuruteraan dan Inovasi) di pameran kelolaan MATRADE di Sharjah, UAE. IEM telah mengetuai seramai 23 delegasi dalam kategori berikut:

- Pengurusan Kemudahan dan Aset
- Integrasi Sistem



- Kejuruteraan Sekitaran dan Perkhidmatan
- Rawatan Air & Air Kumbahan
- Tenaga Hijau dan Tenaga Baru

#### 4.4.8 Dewan Tokoh Kejuruteraan

MAT telah dimaklumkan bahawa garis panduan berkenaan telah dimuktamadkan serta telah diterbitkan di dalam Buletin IEM dan disiarkan di laman web IEM.

Pengumuman juga telah dibuat di dalam Buletin dan laman web untuk menjemput pencalonan. Sehingga kini, sejumlah 6 pencalonan telah diterima dan akan dikaji oleh Jawatankuasa Anugerah.

#### 4.4.9 Sijil Kesiapan dan Kematuhan (Undang-undang Kecil Bangunan Seragam 1984)

BEM telah melantik IEM dan cawangan-cawangannya sebagai pejabat jualan bagi Borang F/F1. Syarat-syarat jualan adalah seperti berikut:

- Mestilah PE yang berdaftar (Sivil & Struktur)
- Jumlah maksimum 10 keping borang dibenarkan dibeli pada satu-satu masa
- Borang yang dibeli mesti dilengkapi dengan cop dan tandatangan PE.
- Setiap set borang berharga RM30.00

#### 4.4.10 Mempertingkatkan Keputusan Yang dibuat oleh Pusat Sehati (OSC)

IEM telah menyerahkan sebuah Memorandum kepada pihak Kerajaan untuk menimbang pelantikan seorang wakil dari IEM sebagai ahli Jawatankuasa OSC di setiap Pihak Berkuasa Tempatan Semenanjung Malaysia.

#### 4.5 Dato' Yang Dipertua kemudiannya menjemput ahli-ahli untuk mengemukakan komen atau soalan.

- 4.5.1 Engr. Sivalingam a/l Velupillai (M09546) memberi komen bahawa setelah diperkenalkan keperluan bagi Pembangunan Profesional Berterusan (CPD) IEM menerusi Bahagian-bahagian Teknikal telah berperanan aktif dengan menganjurkan ceramah teknikal yang amat berguna dan berfaedah kepada ahli-ahli. Namun begitu beliau menyuarakan rasa tidak puas hati di atas derma wajib sebanyak RM10.00 untuk Tabung Bangunan yang dikenakan ke atas ahli yang menghadiri ceramah tersebut. Beliau memberitahu, beliau tidak membantah bayaran RM10.00 tersebut tetapi berpendapat ia tidak sepatutnya diwajibkan.

Dato' Yang Dipertua menyuarakan persetujuan terhadap isu tersebut dan meminta maaf di atas cara mesej tersebut diberitahu kepada ahli. Beliau menerangkan bahawa rasional mengenakan bayaran adalah untuk membiayai sebahagian daripada kos pentadbiran yang terpaksa ditanggung oleh IEM untuk menganjurkan aktiviti dan selebihnya akan disalurkan kepada Tabung Bangunan IEM setelah ditolak perbelanjaan pentadbiran.

Engr. Jagathisen s/o Siva Perumal (F05107) memberi komen bahawa sebelum pelaksanaan CPD, tidak ramai ahli yang menghadiri ceramah atau lawatan yang dianjurkan oleh IEM. Beliau menyatakan peningkatan jumlah kehadiran seharusnya menjadi sesuatu yang menggalakkan kepada para penceramah.

Bendahari Kehormat IEM, Y.Bhg. Dato' Engr. (Dr.) Abu Hashim Abd Ghani seterusnya menerangkan bahawa beliau telah ditugaskan untuk mencari jalan dan cara bagi mengumpul dana bagi bangunan baru tersebut dan bayaran sebanyak RM10.00 tersebut merupakan cadangan beliau bagi membiayai sebahagian daripada perbelanjaan yang ditanggung oleh IEM.

Engr. Santha Kumaran a/l Erusan @ Krishnan (M18975) berpendapat, jika IEM betul-betul perlu untuk mengenakan bayaran kepada ahli untuk membiayai aktiviti yang dijalankan, ianya patut diteruskan.

Engr. Tham Kum Weng (F01513) berpendapat, jika IEM betul-betul dibebani dengan perbelanjaan yang ditanggung untuk menganjurkan aktiviti tersebut, langkah perlu diambil untuk mengurangkan kos seperti tidak menyajikan hidangan ringan. Beliau bersetuju dengan penerangan yang IEM perlu mengenakan bayaran RM10.00 untuk membiayai kos kerana dengan itu IEM tidak membebani ahli yang tidak menghadiri aktiviti untuk memberi subsidi kepada ahli yang sering menghadiri aktiviti. Namun begitu, beliau berpendapat ahli yang memang tidak berkemampuan patut dikecualikan daripada membayar.

Engr. Looi Hip Peu (F02625) menyatakan bahawa jika aktiviti yang disediakan untuk ahli-ahli tidak dikenakan sebarang bayaran, ramai yang tidak menghargai usaha yang dijalankan untuk menyediakan aktiviti tersebut kepada mereka.

Dato' Yang Dipertua membuat kesimpulan ke atas kesemua komen yang diberikan dengan mengesyorkan Majlis IEM untuk mengkaji semula polisi tersebut. Jika bayaran perlu dikenakan, bahagian yang diperlukan untuk membiayai kos wajib dikenakan, manakala selebihnya yang akan didermakan kepada Tabung Bangunan tidak diwajibkan.

- 4.5.2 Engr. Awangku Hidup Awangku Hosain (F03053) memberikan komen bahawa dengan mengadakan 20 mesyuarat dalam sesi yang terakhir, Jawatankuasa Eksekutif tentunya telah berkerja keras. Namun beliau berpendapat adalah perlu untuk memastikan kadar kehadiran yang baik bagi mesyuarat di mana keputusan-keputusan yang kukuh dibuat.

- 4.5.3 Engr. Tham Kum Weng (F01513) memberitahu bahawa Setiausaha Kehormat tidak menyebut berkenaan wakil IEM kepada badan-badan luaran di dalam laporannya dan di dalam pengamatan beliau, 30% daripada mesyuarat tersebut menunjukkan kehadiran 0/0. Beliau bertanya samada Jawatankuasa-jawatankuasa tersebut masih wujud. Dato' Yang Dipertua sependapat dengan komen tersebut dan menyatakan bahawa Sekretariat akan diminta menyemak samada Jawatankuasa-jawatankuasa tersebut masih aktif pada permulaan setiap sesi. Jika ianya tidak lagi aktif, ia sepatutnya dikeluarkan dari laporan.



4.5.4 Engr. A W Sheik (M08587) menyatakan ada berbagai komen yang telah diberikan tentang kekurangan jurutera dan keperluan bagi mendapatkan lebih ramai jurutera, namun di dalam Buletin IEM, terdapat berbagai iklan dan pengumuman tentang penghijrahan ke Australia. Beliau menambah tentang perlunya meningkatkan atau memperbaiki imej jurutera yang menurut beliau adalah sangat rendah buat masa ini. Menurut beliau, adalah perlu untuk membelanjakan sedikit dana untuk menaikkan imej jurutera seperti yang berlaku di negara lain di mana jurutera dianggap sebagai tanggung negara.

Engr. Tan Hoe Tim (F00692) menyatakan beliau telah bekerja selama 40 tahun dan mendapati ada keperluan yang mendesak untuk meningkatkan nilai jurutera berbanding dengan penumpuan ke atas CPD. Satu contoh yang diberikan adalah skala gaji yang rendah untuk jurutera.

4.5.5 Engr. CMM Aboobucker (M13942) mendapati laporan menunjukkan bilangan kemasukan Ahli Pelajar yang tinggi dan mengucapkan terima kasih kepada Jawatankuasa di atas usaha yang dilakukan. Bagaimanapun, beliau menyatakan bahawa proses kemasukan IEM adalah lambat dan memberi contoh di mana permohonan anaknya tidak menerima apa-apa berita dari IEM untuk tempoh enam bulan. Y.Bhg. Dato' Engr. Abdul Rashid Maidin memaklumkan bahawa Jawatankuasa Tetap Kelayakan dan Kemasukan telah menyiapkan prosedur untuk mempercepatkan proses permohonan. Beliau seterusnya memberitahu prosedur baru itu adalah untuk memastikan proses permohonan dapat dilaksanakan serta pemohon diberi maklum dalam masa satu minggu.

4.5.6 Engr. Ponimin bin Tayat (M06430) menekankan bahawa IEM sepatutnya memohon kepada kerajaan supaya kerja-kerja bagi pihak kerajaan dapat diperolehi melalui tender terbuka atau sekurang-kurangnya 70% daripadanya. Beliau juga menekankan bahawa para jurutera berlumba-lumba menurunkan harga bagi bersaing sesama mereka dan mengesyorkan supaya IEM dan BEM memastikan para jurutera mematuhi Skala Yuran BEM.

4.5.7 Engr. Sivalingam a/l Velupillai (M09546) memuji Majlis IEM di atas usaha baik yang telah dijalankan menerusi sidang video di Bilik Lembaga dan bilik ISM sambil mengulas bahawa percubaan yang lalu tidak begitu berjaya kerana sebahagian ahli berada di aras emper yang terletak di tingkat yang berlainan.

4.5.8 Engr. Looi Hip Peu (F02625) menyatakan kebimbangannya di atas pinjaman bank sebanyak RM12.15 juta bagi membeli bangunan baru sedangkan sumbangan yang diterima setakat ini hanya RM300,000.00. Beliau bertanya bagaimana caranya IEM bercadang untuk terus membayar pinjaman tersebut. Dato' Yang Dipertua memberitahu MAT bahawa satu Pelan Tindakan sedang disiapkan dan aktiviti mengumpul dana akan dijalankan bagi melangsaikan pinjaman secepat mungkin.

4.5.9 Engr. Khew Swee Lian (M22716) menekankan beberapa kesilapan di dalam Laporan Tahunan seperti:

- Tajuk tidak betul di dalam mukasurat isi kandungan iaitu sepatutnya "cover Annual Report" dan bukannya "cover ANNUAN REPORT".
- Terdapat ulangan dalam muka surat 25.
- Penterjemahan di muka surat 26 juga tidak betul. Pasukan Bertindak "Isu-isu Berkaitan Dengan Perlupusan Sampah" bukanlah terjemahan yang betul "Position Paper Committee on Issues related to the use of Incinerators"

Beliau memberi komen bahawa IEM selaku badan profesional mestilah memastikan laporan yang diterbitkan berkualiti baik. Dato' Yang Dipertua mengucapkan terima kasih Engr. Khew di atas komen-komennya dan bersetuju perlunya memastikan tiada kesilapan di dalam Laporan Tahunan IEM di masa-masa akan datang.

4.6 Engr. Sivalingam a/l Velupillai (M09546) mencadangkan MAT menerima laporan tersebut dan disokong oleh Engr. CMM Aboobucker (M13942).

## **5.0 AKAUN BAGI TAHUN BERAKHIR 31 DISEMBER 2007**

5.1 Dato' Yang Dipertua kemudian menjemput Bendahari Kehormat, Y. Bhg. Dato' Engr. (Dr.) Abu Hashim bin Abd Ghani untuk membentangkan Penyata Kewangan Institusi Jurutera Malaysia bagi tempoh 1 Januari 2007 hingga 31 Disember 2007.

5.2 Y.Bhg. Dato' Engr. Abu Hashim memaklumkan bahawa untuk tahun 2007, Institusi telah membuat lebih sebanyak RM445,914.00 berbanding RM153,237.00 pada tahun 2006.

Sebab utama penyumbangan kepada lebih adalah seperti berikut:

Pendapatan daripada seminar dan persidangan	RM 172,126
Pendapatan daripada khidmat sekretariat	RM 42,168
Pendapatan daripada aktiviti Bahagian Teknikal	RM 314,940
Pendapatan daripada kad kredit	RM 112,047
Pendapatan daripada sewa	RM 340,940

5.3 Jumlah pendapatan bagi tahun 2007 adalah sebanyak RM3,380,243.00 yang mana lebih kurang 65% adalah daripada yuran tahunan dan selebihnya dari punca pendapatan lain.

5.4 Terdapat pertambahan pendapatan sekitar RM733,605.00 pada tahun 2007 berbanding dengan tahun 2006. Ini adalah disebabkan oleh pertambahan pendapatan dari aktiviti anjuran Bahagian Teknikal dan juga yuran. Perbelanjaan pada tahun 2007 berjumlah RM 2,852,561.00 di mana 47% adalah untuk penggajian staf, 33% untuk perbelanjaan pentadbiran dan selebihnya adalah untuk perbelanjaan lain termasuk subsidi untuk Cawangan.

Perbelanjaan bagi tahun 2006 adalah RM 2,451,321.00.



- 5.5 MAT juga dimaklumkan bangunan baru telah dibeli dengan IEM membayar 10% dari dananya sendiri dan selebihnya sebanyak RM12.15 juta melalui pinjaman dari Alliance Bank Berhad dengan pembayaran balik dalam tempoh 15 tahun pada kadar pembayaran semula tahunan seperti berikut:

Tahun pertama	RM 91,402.00
Tahun kedua	RM 106,429.00
Tahun ketiga dan seterusnya	RM 111,032.00

- 5.6 Bendahari Kehormat juga memberitahu MAT bahawa semasa kini, lebih kurang 85% bangunan baru tersebut disewakan kepada The International College of Health Sciences dengan sewa bulanan sebanyak RM85,000.00. Selebihnya sebanyak 15% dikekalkan untuk kegunaan IEM sendiri.

MAT juga diberitahu penyewa telah menyatakan hasrat untuk mengosongkan bangunan pada pertengahan Mei 2008 tetapi penyewa baru telah didapati dengan terma dan syarat sewaan yang sama.

- 5.7 Selepas pembentangan dari Y.Bhg. Dato' Engr. (Dr.) Abu Hashim, Yang Dipertua mempelawa pertanyaan daripada para hadirin.
- 5.7.1 Engr. Sivalingam a/l Velupillai (M09546) memberitahu tidak banyak perbelanjaan dikeluarkan untuk kelengkapan pejabat. Beliau berpendapat IEM patut berbelanja untuk mempertingkatkan kelengkapan pejabat bagi menyediakan persekitaran yang lebih efisien untuk kakitangan. Y.Bhg. Dato' Engr. Abu Hashim memberitahu bahawa beliau akan menyusuli perkara tersebut.
- 5.7.2 Engr. Vivekananda a/l Murugesu (M05808) bertanya berkenaan kos pengubahsuaian yang perlu dengan kemasukan penyewa baru, namun beliau diberi jaminan oleh Y.Bhg. Dato' Engr. (Dr.) Abu Hashim bahawa pihak penyewa adalah bertanggungjawab terhadap kos kerja pengubahsuaian yang mereka laksanakan. Beliau juga menyebut bahawa penyewa baru tersebut mempunyai struktur operasi yang sama dengan penyewa sebelumnya, oleh itu pengubahsuaian adalah dijangka minimum.
- 5.7.3 Engr. Wong Chee Fui (M20903) bertanya mengenai prestasi IEM Training Centre Sdn Bhd dan memberi komen tentang perlunya memasukkan akaun berkenaan ke dalam Laporan Tahunan. Beliau juga bertanya tentang perlunya menggabungkan akaun IEM Training Centre Sdn Bhd ke dalam akaun IEM. Yang Dipertua memaklumkan bahawa IEM Training Centre Sdn Bhd merupakan syarikat sendiri berhad yang didaftarkan dengan SSM. Namun begitu, MAT bersetuju untuk mempertimbangkan samada akaun patut dipaparkan di laman web IEM untuk makluman ahli.
- 5.7.4 Memandangkan tiada lagi soalan daripada ahli yang hadir, Engr. Tan Seong Lim (M14398) mencadangkan Penyata Kewangan Tahunan bagi Institusi diluluskan. Cadangan tersebut disokong oleh Engr. Sivalingam a/l Velupillai (M09546) dan MAT meluluskan Penyata Kewangan bagi tahun berakhir 31 Disember 2007.
- 5.8 Y.Bhg. Dato' Engr. (Dr.) Abu Hashim bin Abd Ghani kemudian telah membentangkan Penyata Kewangan Tabung Pendidikan IEM bagi tahun berakhir 31 Disember 2007.

MAT dimaklumkan bahawa lebih sebanyak RM53,800.00 adalah hasil faedah Deposit Tetap. Dimaklumkan juga, dana di dalam Tabung Pendidikan IEM juga merupakan lebih hasil dari derma yang lalu.

Memandangkan tiada soalan atau pertanyaan, Engr. Dr. Ahmad Anuar bin Othman (M13148) mencadangkan Penyata Kewangan Tabung Pendidikan IEM diluluskan. Cadangan itu telah disokong oleh Engr. Jagathisen s/o Siva Perumal (F05107). MAT sebulat suara meluluskan Penyata Kewangan seperti dibentangkan.

## 6.0 HAL-HAL LAIN

### 6.1 Penerbitan Buletin IEM

Dato' Yang Dipertua memaklumkan MAT bahawa terdapat dua permintaan dibuat oleh ahli mengenai isu ini. Pertama adalah daripada Engr. Tham Kum Weng (F01513) yang bertanya berkenaan prosedur lazim, kriteria, cara dan tempoh masa bagi penerimaan artikel, surat, kertas dan komen di dalam Buletin IEM

Dato' Yang Dipertua memaklumkan bahawa IEM akan menulis respons kepada ahli-ahli mengenai isu-isu tersebut. Dato' Yang Dipertua juga memaklumkan bahawa surat Engr. Tham dan juga respons IEM akan diterbitkan di dalam Buletin bagi makluman ahli lain.

### 6.2 Kualiti Jurutera yang Rendah

Permintaan kedua adalah daripada Engr. Shyam Laksamanan (M19096) berkaitan artikel di dalam akbar the Star tentang kualiti jurutera yang rendah. Dato' Yang Dipertua memaklumkan bahawa IEM akan menulis kepada the Star bagi memberitahu yang aktifel tersebut menggambarkan seolah-olah semua jurutera adalah berkualiti rendah dan IEM hendaklah memperbetulkan tanggapan tersebut.

## 7.0 PENGUMUMAN KEPUTUSAN PEMILIHAN BAGI SESI 2007/2008

- 7.1 Memandangkan tiada lagi isu yang berbangkit, Dato' Yang Dipertua menjemput Pegawai Pemilihan, Y. Bhg. Dato' Engr. Pang Leong Hoon untuk mengumumkan keputusan pemilihan bagi sesi 2008/2009.
- 7.2 Y. Bhg. Dato' Engr. Pang Leong Hoon mengucapkan terima kasih kepada Pengerusi dan meneruskan pembentangan keputusan pemilihan seraya menambah bahawa ia adalah kali pertama beliau membentangkan keputusan dengan menggunakan powerpoint hasil bantuan Cik B.E. Ooi dan Encik Loo Weng Soon yang beliau amat berterima kasih. Beliau mengesahkan bahawa proses pemilihan telah dilaksanakan seperti prosedur yang ditetapkan oleh Majlis. Dengan demikian, notis untuk menjemput pencalonan telah diletakkan dalam laman web IEM.



- 7.3 Y. Bhg. Dato' Engr. Pang Leong Hoon seterusnya melaporkan bahawa dengan penyempurnaan proses pencalonan, langkah-langkah telah diambil bagi mencetak kertas undian bagi jawatan yang dipertandingkan iaitu Timbalan Yang Dipertua, Naib-naib Yang Dipertua, Setiausaha Kehormat dan Bendahari Kehormat. Bagi jawatan-jawatan lain, calon-calon telah menang tanpa bertanding.
- 7.4 **Naib Yang Dipertua (3 kekosongan bagi 2 sesi 2008/2009 dan 2009/2010)**
- Terdapat lapan (8) calon bagi (3) kekosongan. Selepas pengundian dikira, berikut adalah tiga calon dengan undian tertinggi dan seterusnya telah dipilih untuk mengisi jawatan Naib Yang Dipertua bagi sesi 2008/2009 dan 2009/2010:
1. **Engr. PE Chong**
  2. **Engr. Choo Kok Beng**
  3. **Engr. Oon Chee Kheng**
- 7.5 **Setiausaha Kehormat (1 kekosongan bagi sesi 2008/2009)**
- Terdapat dua (2) pencalonan bagi satu (1) kekosongan dan setelah pengundian **Engr. Prof. Madya Dr. Jeffrey Chiang Choong Luin** mendapat undian tertinggi dan seterusnya dipilih mengisi jawatan Setiausaha Kehormat untuk Sesi 2008/2009.
- 7.6 **Bendahari Kehormat (1 kekosongan bagi sesi 2008/2009)**
- Terdapat hanya satu pencalonan yang diterima. **YBhg Dato' Engr. (Dr) Abu Hashim bin Abdul Ghani** telah menang tanpa bertanding untuk jawatan Bendahari Kehormat bagi sesi 2008/2009.
- 7.7 **Ahli Majlis – Wakil Awam (1 kekosongan bagi 3 sesi 2008/2009, 2009/2010 dan 2010/2011)**
- Tiada pencalonan diterima. Majlis tidak mencadangkan mana-mana calon untuk mengisi kekosongan jawatan tersebut.
- 7.8 **Ahli Majlis – Wakil Mekanikal (1 kekosongan bagi 3 sesi 2008/2009, 2009/2010 dan 2010/2011)**
- Hanya satu pencalonan telah diterima. **Engr. Dr. Philip Tan Ah Kow** telah menang tanpa bertanding untuk jawatan Ahli Majlis – Wakil Mekanikal bagi sesi 2008/2009, 2009/2010 dan 2010/2011.
- 7.9 **Ahli Majlis – Wakil Elektrikal (1 kekosongan bagi 3 sesi 2008/2009, 2009/2010 dan 2010/2011)**
- Hanya satu pencalonan telah diterima. **Engr. Yusouf bin Ahmad** telah menang tanpa bertanding untuk jawatan Ahli Majlis – Wakil Elektrikal bagi sesi 2008/2009, 2009/2010 dan 2010/2011.
- 7.10 **Ahli Majlis – Wakil Struktur (1 kekosongan bagi 3 sesi 2008/2009, 2009/2010 dan 2010/2011)**
- Hanya satu pencalonan telah diterima. **Engr. Tu Yong Eng** telah menang tanpa bertanding untuk jawatan Ahli Majlis – Wakil Struktur bagi sesi 2008/2009, 2009/2010 dan 2010/2011.
- 7.7 **Ahli Majlis – Wakil Biasa (7 kekosongan bagi 3 sesi 2008/2009, 2009/2010 dan 2010/2011)**
- Enam (6) pencalonan telah diterima bagi tujuh (7) kekosongan. Majlis tidak mencadangkan mana-mana calon untuk mengisi kekosongan. Kesemua enam (6) calon telah menang tanpa bertanding bagi jawatan Ahli Majlis – Wakil Biasa badi 3 sesi 2008/2009, 2009/2010 dan 2010/2011). Ahli-ahli yang telah dipilih adalah:
1. **Engr. Kukanesan a/l Sakthiveil**
  2. **Engr. Lai Sze Ching**
  3. **Engr. Dr. Lee Teang Shui**
  4. **Engr. Li Thang Fai**
  5. **Engr. Manogaran s/o Raman**
  6. **Engr. Assoc. Prof. Mohd Saleh bin Jaafar**
- 7.10 Keseluruhan proses pemilihan mengambil masa selama tiga (3) bulan dan melibatkan kos sebanyak RM 13,462.10 (kos kertas undian pos) tidak termasuk kos kakitangan IEM. Jumlah kertas undian yang diposkan kepada ahli bagi tahun ini adalah sebanyak 8,175. Walaupun terdapat sedikit pertambahan kecil dalam jumlah ahli yang mengundi, masih terdapat 80% ahli yang tidak mengundi bagi menentukan wakil mereka dalam Majlis.
- 7.11 Penghargaan telah dirakamkan bagi "Scrutineers", Engr. Mohd Aman Hj Idris, Engr. Prof. Madya Dr. Siti Hawa Hamzah dan Engr. K. Gunasagaran atas bantuan mereka. Pegawai Pemilihan juga mengucapkan terima kasih kepada Sekretariat IEM di atas bantuan dan sokongan mereka.
- 8.0 **BEKAS YANG DIPERTUA YANG BERKHIDMAT DALAM MAJLIS**
- 8.1 Pengerusi memberitahu MAT bahawa jemputan untuk berkhidmat dalam Majlis telah dibuat kepada Bekas-Bekas Yang Dipertua dan mereka telah menerima jemputan tersebut seperti berikut:
1. **Y. Bhg. Dato' Engr. Pang Leong Hoon**
  2. **Y. Bhg Academician Engr. Dato' Lee Yee Cheong**
  3. **Engr. PE Chong**
  4. **Y. Bhg. Datuk Engr. (Dr) Hj Ahmad Zaidee bin Laidin**
  5. **Engr. Dr Gue See Sew**



**9.0 PENYERAHAN CENDERAHATI KEPADA AHLI MAJLIS YANG TELAH BERSARA**

9.1 Dato' Yang Dipertua mengucapkan terima kasih kepada Ahli Majlis yang akan bersara daripada jawatan sesi 2007/2008 dan menjemput mereka untuk menerima cenderahati tanda penghargaan. Setiausaha Kehormat Engr. Dr. Jeffrey Chiang Choong Luin telah membacakan nama Ahli yang akan bersara dan Dato' Yang Dipertua telah menyampaikan cenderahati kepada mereka.

**10.0 ANUGERAH STAF KHIDMAT LAMA**

10.1 Dato' Yang Dipertua kemudian menyampaikan Anugerah Perkhidmatan Lama kepada Encik Loo Weng Soon yang telah berkhidmat 10 tahun di IEM. Beliau telah menerima cek dan sijil penghargaan.

**11.0 PINDAAN PERLEMBAGAAN IEM ARTIKEL 2.9, 3.1 DAN 6.3**

Dato' Yang Dipertua memaklumkan ahli-ahli yang hadir bahawa terdapat beberapa pindaan yang dibuat kepada susunan kata di dalam Perlembagaan seperti berikut:

Untuk memisahkan Artikel 2.9 daripada Artikel 2.10, 2.11, 2.12, 2.13, 2.14, 2.15 dan 2.16 dengan menambah tajuk kepada Artikel 2.16 seperti berikut:

**Kemasukan/Pemilihan /Pemindahan ke Gred Lain**

2.10 **Fellow:** Kemasukan secara terus ke dalam gred ini tidak dibenarkan. Kemasukan hanya boleh dilakukan secara pemindahan dari gred Ahli. Bagi melayakkan diri untuk dipindahkan ke gred Fellow, seseorang Ahli mestilah memuaskan Majlis yang beliau wajar dipindahkan ke gred tersebut sejajar dengan Undang-undang kecil dan Peraturan yang berkenaan.

Artikel 3.1

Pemohon akan dimasukkan, dipilih atau dipindahkan ke gred keahlian yang berkenaan di dalam Institusi **oleh pihak Majlis.**

Artikel 6.3

Majlis **ataupun sesuatu Cawangan (yang diberi kuasa oleh Majlis)** boleh membeli harta alih atau tidak alih dan mengambil, menerima, dan memegang harta tersebut yang hakmilik diperolehi melalui pembelian, penukaran, pemberian, derma, sewaan, pelupusan menurut wasiat atau sebaliknya; dengan syarat Majlis tidak menjual, menggadai, menukar atau melupuskan harta tak alih tersebut tanpa pengesahan melalui undi oleh Ahli-ahli Korporat.

MAT meluluskan cadangan pindaan untuk dihantar kepada semua Ahli Korporat bagi kelulusan melalui undi pos.

**12.0 PEMILIHAN JURUAUDIT DALAM KEHORMAT**

Dato' Yang Dipertua seterusnya memulakan proses pencalonan untuk jawatan Juruaudit Dalam Kehormat. MAT dengan sebulat suara memilih ahli-ahli berikut sebagai Juruaudit Dalam Kehormat bagi sesi 2008/2009.

**Ahli**  
Engr. Mah Soo  
Engr. Awangku Hidup Awangku Hosain

**Pencadang**  
Engr. Yusouf Ahmad  
Engr. Oon Chee Kheng

**Penyokong**  
Engr. Khew Swee Lian  
Y.Bhg. Dato' Engr. Abdul Rashid Maidin

**13.0 PERLANTIKAN JURUAUDIT LUAR**

13.1 Dato' Yang Dipertua memaklumkan MAT bahawa Majlis telah mengesyorkan pelantikan semula Tetuan KPMG sebagai Juruaudit Luar. MAT dengan sebulat suara meluluskan pengesyorkan Majlis dan mengesahkan pelantikan semula Tetuan KPMG sebagai Juruaudit Luar.

**14.0 UCAPAN YANG DIPERTUA 2008/2009**

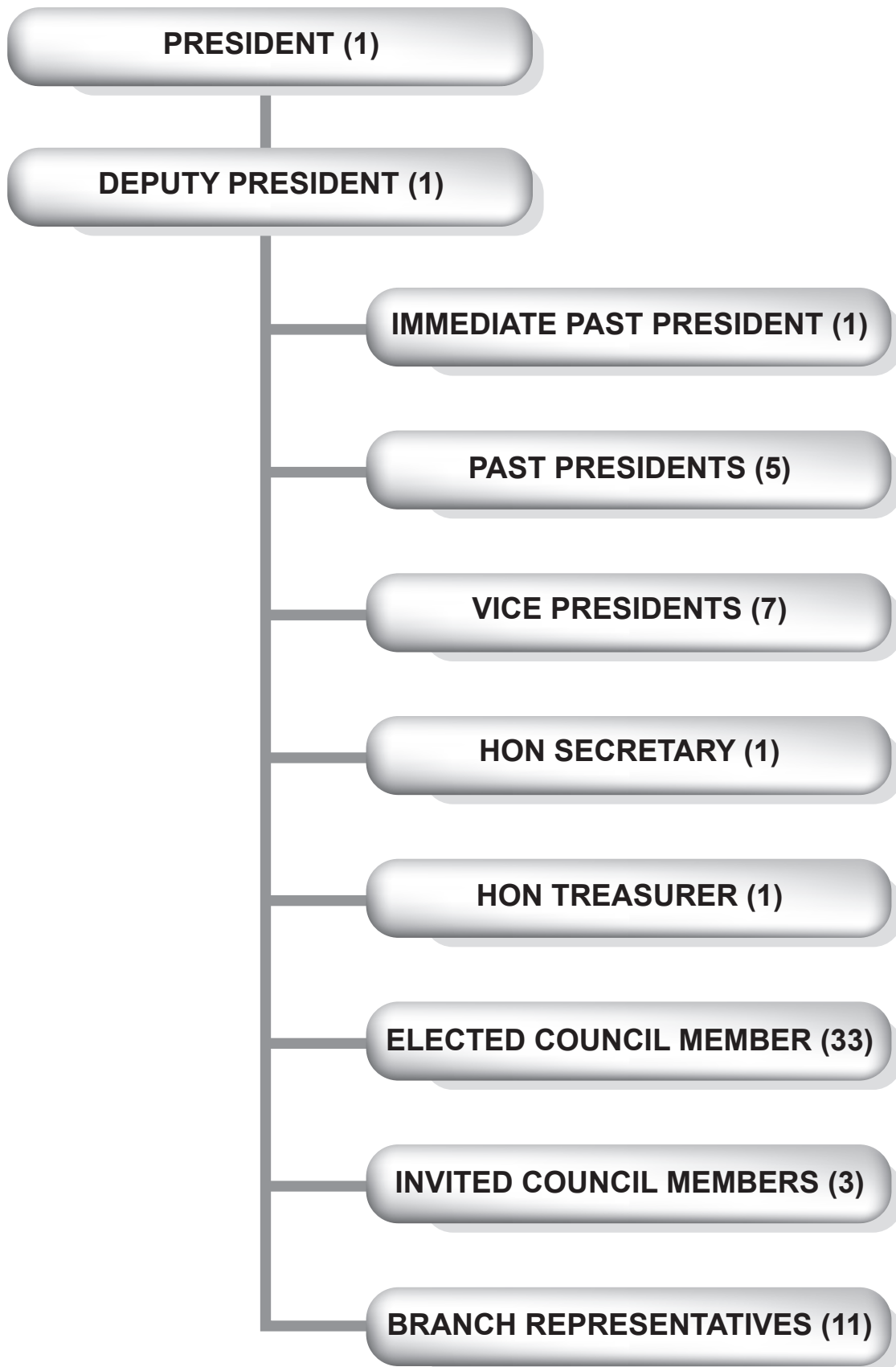
14.1 Dato' Yang Dipertua kemudiannya dijemput untuk menyampaikan Ucapan Yang Dipertua yang bertajuk " From Nation Builders to Nation Movers".

**15.0 PENANGGUHAN MESYUARAT AGUNG TAHUNAN KE-49 TAHUN 2008**

15.1 Dato' Yang Dipertua mengisytiharkan penangguhan Mesyuarat Agung Tahunan ke-49 pada pukul 11:30 pagi. Dato' Yang Dipertua mengangkat semua ahli bahawa Makan Malam Tahunan akan diadakan di Sheraton Subang Hotel.

Y.Bhg. Dato' Paduka Engr. Hj Keizrul bin Abdullah FIEM, PEng  
Yang Dipertua

Engr. Assoc. Prof. 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
- Review of Organisational and Administrative Structure Committee
- 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

**Standing Committee On FINANCE** | **Standing Committee On QUALIFICATIONS AND ADMISSIONS** | **Standing Committee On EXAMINATIONS AND TRAINING** | **Standing Committee On INFORMATION AND PUBLICATIONS** | **Standing Committee On ACTIVITIES** | **Standing Committee On WELFARE & SERVICE MATTERS** | **Standing Committee On PROFESSIONAL PRACTICE** | **Standing Committee On CORPORATE AFFAIRS**

- All Financial Matters
- Infrastructure Matters
- Human Resources Matters
- Education Fund
- Benevolent Fund
- Investment
- ICT Infrastructure
- Membership & Subscriptions
- Building Fund Raising
- Renovation of IEM Buildings
- Membership Drive
- Fellow Admission
- Admissions/ Transfer/ Elections
- Membership Application Board
- Career Guidance
- Career Advisors
- Education Bureau
- Accreditation Board
- EAC Representation
- ASEAN Engineers Register (Admissions & Registrations)
- IPE/APEC (Admissions & Registrations)
- Professional Interview
- Practical Training
- Log Book Scheme
- Continuing Education Development
- Continuing Professional Development
- Liason with BEM
- IEM/ BEM Graduate Examinations
- Evaluation of Diploma from Local Colleges
- Bulletin/ Journal
- Editorial Board
- Library
- Other Publications/ Proceedings IEM
- IEM Directory
- Internal/ Electronics Communications
- Homepage/ Website
- Readership Survey
- IEM Book Project
- 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
- Engineering Week
- Lady Engineers
- Jurutera Wargamas Programme
- Members Welfare and Benefits
- Members Retrenchment
- Term Ing/ Juru'tara
- Employment Survey
- Health and Exercise
- Social and Fellowship Matters
- Benevolent Fund
- Public Lecture
- Family Day
- 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
- 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/EMF
- FEIAP
- APCCChE

**TECHNICAL DIVISIONS**

- Geotechnical
- Civil & Structural
- Chemical
- Mechanical
- Electrical
- Building Services
- Water Resources
- Oil, Gas & Mining
- Manufacturing
- Environmental
- Highway & Transportation
- Engineering Education
- Agricultural & Food
- Tunnelling & Underground Space
- Project Management
- Electronic
- Penang
- Southern
- Sabah
- Sarawak
- Eastern
- Perak
- Melaka
- Negeri Sembilan
- Miri
- Kedah/ Perlis
- Terengganu

**SPECIAL INTEREST GROUPS**

- Information Technology
- Consulting Engineering

**GRADUATES & STUDENTS SECTION**

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



**Seated (L to R)**

Y.Bhg. Dato Engr. (Dr.) Hj. Abu Hashim Abd Ghani (Hon. Treasurer), Y.Bhg. Datuk Engr. Dr. Ow Chee Sheng (Imm Past President), Engr. Prof Dr. Ruslan Hassan (Vice President), Engr. Tan Yean Chin (Vice President), Y.Bhg. Dato Engr. Hj. Abdul Rashid bin Maidin (Vice President), Engr. Oon Chee Kheng (Vice President), Y.Bhg. Dato' Engr. Prof Dr. Chuah Hean Teik (Deputy President), Y.Bhg. Dato Paduka Engr. Hj. Keizrul Abdullah (President), Engr. Vincent Chen Kim Kieong (Vice President), Engr. Choo Kok Beng (Vice President), Engr. P.E Chong (Vice President), Y.Bhg. Dato Engr. (Dr) Hj.Ahmad Zaidee Laidin (Past President), Engr. Dr. Gue See Sew (Past President), Y.Bhg. Dato Engr. Pang Leong Hoon (Past President), Engr. Assoc Prof. Dr. Jeffrey Chiang Choong Luin (Hon. Secretary)

**First Row L to R**

Engr. Mohd Aman bin Hj. Idris, Engr. Ms. Toh Ai Ching, Engr. Gunasagaran a/l Kristhan, Engr. Abdul Rahim Othman, Engr. Manogaran a/l K. Raman, Engr. Sim Tian Liang (Chairman, Southern Branch), Engr. Luk Chau Beng, Engr. Hj. Mohammed Ali bin Yusoff, Engr. Lee Weng Onn, Engr. MC Hee, Engr. Rocky Wong Hong Thang, Engr. Noor Hisham bin Yahya, Engr. John Chee Shi Tong (Chairman, Sabah Branch), Y.Bhg. Datuk Rosaline Ganendra, Engr. Tu Yong Eng

**Second Row L to R**

Engr. Wong Wen Ho (Hon. Secretary, Sarawak Branch), Engr. Lim Kok Khong (Chairman, Penang Branch), Engr. Lim Ah Hang, Engr. Khor Hook Keat, Engr. Engr. Mohammad Ariff bin Hj Karim (Chairman, Melaka Branch), Engr. Ng Yong Kong, Engr. Lai Sze Ching, Engr. Dr. Philip Tan Ah Kow, Engr. David Ng Shiu Yuen, Engr. Hj. Abdullah bin Othman (Chairman, Kedah-Perlis Branch), Engr. Assoc Prof Dr Mohd Saleh bin Jaafar, Engr. Yim Hon Wa, Engr. Richard Teoh Chok Teik (Chairman, Miri Branch), Engr. Prof Dr Mohd Zamin bin Jumaat, Engr. Angus Ang Mei Yu (Chairman, Perak Branch), Engr. Li Thang Fai, Engr. S. Kukanesan



**Seated (L to R)**

Y.Bhg. Dato' Engr. (Dr.) Hj. Abu Hashim Abd Ghani (Hon. Treasurer), Engr. Choo Kok Beng (Vice President), Y.Bhg. Dato Engr. Hj. Abdul Rashid bin Maidin (Vice President), Engr. Tan Yean Chin (Vice President), Y.Bhg. Dato' Engr. Prof Dr. Chuah Hean Teik (Deputy President), Y.Bhg. Dato Paduka Engr. Hj. Keizrul Abdullah (President), Engr. Vincent Chen Kim Kieong (Vice President), Engr. P.E Chong (Vice President), Engr. Prof Dr. Ruslan Hassan (Vice President), Engr. Oon Chee Kheng (Vice President), Engr. Assoc Prof. Dr. Jeffrey Chiang Choong Luin (Hon. Secretary)

**From Left**

Engr. Gunasagaran a/l Kristnan, Engr. Mohd Aman bin Hj. Idris, Engr. Lee Weng Onn, Engr. Ng Yong Kong, Y.Bhg. Datuk Rosaline Ganendra, Engr. MC Hee, Engr. Rocky Wong Hong Thang

**URUSETIA IEM**

**IEM SECRETARIAT**



**Seated (L to R)**

Ms. Janet Lim Kwai Cheng (Deputy Chief Administrator Officer), Y.Bhg. Dato' Engr. (Dr) Abu Hasim bin Abdul Ghani (Hon. Treasurer), Y.Bhg. Dato' Engr. Prof. Dr. Chuah Hean Teik (Deputy President), Y.Bhg. Dato' Paduka Engr. Hj Keizrul bin Abdullah (President), Engr. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin (Hon Secretary), Mr. Cheang Kok Meng (Executive Director), Ms. B E Ooi (Chief Administrator Officer)

**2nd Row (L to R)**

Mdm. Mas Hana Mohd Nor, Mdm. Aziah binti Budin (Senior Executive), Mdm. Nor 'Aidilza Omar, Mdm. Zaiton Ibrahim, Mdm. Sarita Kaur (Senior Executive), Mdm. Eunice Yap Kwai Hung, Ms. Lina Ng Chiu Hwa, Ms. Nurina Mior Khairuddin, Mdm. Sharina Ahmad, Mdm. Rozana Kamal, Ms. Jacquelyn Ong Lian Wah, Ms. Pamela Jitab, Ms. Malathy Ramasandaran, Mdm. Prema Silvarajan, Ms. Fatimah Mohd Abdul Kadzar, Mdm. Jamaliah Zainudin, Mdm. Norimah Hashim.

**Back Row (L to R)**

Mr. Norazmi Abdul Mokti, Mr. Zulheimy Ma'amor, Mr. Anda Lesmana Bachtiar, Mr. Loo Weng Soon, Mdm. Norhizan Mohd Yahya, Mdm. Nurazian Nordin, Ms. Doris Looi Yuen Mei, Mdm. Nurul Aida Mustafa, Mdm. Halimah Musa, Mr. Ahmad Tarmizi Abu Ariffin, Mr. Tiri Murugan a/l Odayan, Mr. Abdullah Anda.

Not in picture : Mdm. Loh Pit Wan, Mdm. Ainul Azraina Ainul Adnan, Ms. Harteni Syed Sugala



THE INSTITUTION OF ENGINEERS MALAYSIA  
(MIRI BRANCH)  
9TH ANNUAL GENERAL MEETING

24 NOVEMBER 2007







## 1 INTRODUCTION

- 1.1 It is with great pleasure that I present to you the 50th Annual Report for session 2008/2009 covering the period 20th April 2008 – 31st March 2009
- 1.2 IEM is celebrating its 50th anniversary for the year 2009. The anniversary occasion for the institution is marked by a year-long celebration which will be end in April 2010. IEM at nation level had adopted a theme in remembrance of this celebration i.e. "IEM, Prime Movers of Nation Building". From now until April 2010, members will be receiving correspondence from IEM bearing the 50th anniversary logo.

## 2 MEMBERSHIP

- 2.1 The membership of the Institution as at 1st January 2009 is 21,622.

Comparative figures for the last five years are as below:

Grade	2005	2006	2007	2008	2009
Dist. Hon. Fellow	1	1	1	1	1
Hon. Fellow	14	14	14	14	18
Hon. Member	0	0	0	0	0
Fellow	713	715	699	702	706
Member	7,546	7,610	7,503	7,732	8,199
Graduate	5,412	5,506	5,281	5,849	6,178
Incorporated	5	7	8	9	16
Affiliate	20	20	18	16	15
Associate	4	7	9	9	13
Student	1,439	1,346	1,553	2,457	6,476
<b>Total</b>	<b>15,154</b>	<b>15,226</b>	<b>15,086</b>	<b>16,789</b>	<b>21,622</b>

- 2.2 Break down of 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	11	11	0	0	0	34	58
Aerospace	0	0	0	0	2	7	0	0	0	33	42
Agricultural	0	0	0	4	25	41	0	0	0	27	97
Architectural	0	0	0	0	2	1	0	0	0	1	4
Automotive	0	0	0	0	0	1	0	0	0	0	1
Biochemical	0	0	0	0	0	1	0	0	0	7	8
Biology & Agricultural	0	0	0	0	0	0	0	0	0	0	0
Bio-medical	0	0	0	0	1	4	0	0	0	11	16
Biotechnology	0	0	0	0	0	0	0	0	0	1	1
Building	0	0	0	0	1	0	0	0	0	0	1
Building Services	0	0	0	0	4	2	0	0	0	0	6
Cad/cam	0	0	0	0	0	1	0	0	0	3	4
Chemical	0	0	0	17	183	318	0	0	0	672	1190
Civil	0	3	0	411	4636	2928	6	4	5	1940	9933



Civil & Structural	0	0	0	0	0	0	0	0	0	0	0
Communication	0	0	0	1	3	5	0	0	0	13	22
Computer	0	0	0	0	1	12	0	0	0	8	21
Computer & Communication	0	0	0	0	4	3	0	0	0	5	12
Computer Systems	0	0	0	0	1	2	0	0	0	0	3
Construction	0	0	0	0	0	1	0	0	0	0	1
Control	0	0	0	0	0	1	0	0	0	0	1
Electrical	0	5	0	135	1579	897	3	1	4	570	3194
Electrical & Electronic	0	0	0	0	0	1	0	0	0	0	1
Electromechanical	0	0	0	0	4	1	0	0	0	0	5
Electronic	0	0	0	5	103	428	1	0	2	463	1002
Electronic & Radio	0	0	0	0	1	5	0	0	0	0	6
Energy	0	0	0	0	2	1	0	0	0	0	3
Environmental	0	0	0	0	2	19	0	1	0	32	54
Flight	0	0	0	0	0	0	0	0	0	0	0
Food & Process	0	0	0	0	1	4	0	0	0	11	16
Fuel	0	0	0	1	0	0	0	0	0	0	1
Gas	0	0	0	0	0	0	0	0	0	0	0
Geological	0	0	0	0	1	1	0	1	0	1	4
Geotechnical	0	0	0	1	1	3	0	1	0	0	6
Highway	0	0	0	0	0	1	0	0	0	0	1
Highway & Transport	0	0	0	0	0	1	0	0	0	0	1
Hydraulic	0	0	0	0	0	0	0	0	0	0	0
Industrial	0	0	0	0	2	21	0	0	0	0	23
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	12	5	0	0	0	0	17
Instrumentation & Systems	0	0	0	0	1	1	0	0	0	0	2
Manufacturing	0	0	0	0	7	24	0	0	0	199	230
Manufacturing Systems	0	0	0	0	0	2	0	0	0	0	2
Marine	0	0	0	0	13	9	0	0	0	0	22
Materials	0	0	0	1	5	14	0	1	0	62	83
Mechanical	0	1	0	115	1479	1313	6	5	2	2155	5076
Mechanics	0	0	0	0	0	0	0	0	0	0	0
Mechatronics	0	0	0	0	0	22	0	0	0	113	135
Metallurgy	0	0	0	1	7	1	0	0	0	0	9
Microelectronic	0	0	0	0	0	0	0	0	0	0	0
Mineral	0	0	0	0	0	0	0	0	0	0	0
Mineral Processing	0	0	0	0	1	5	0	0	0	0	6
Mineral Resources	0	0	0	0	1	8	0	0	0	66	75
Mining	0	0	0	6	30	5	0	0	0	0	41



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	12	4	0	0	0	0	16
Nuclear	0	0	0	1	1	1	0	0	0	0	3
Offshore	0	0	0	0	0	0	0	0	0	0	0
Others	1	8	0	0	0	0	0	1	0	1	11
Petroleum	0	0	0	0	5	12	0	0	0	4	21
Polymer	0	0	0	0	0	1	0	0	0	35	36
Production	0	0	0	1	11	9	0	0	0	0	21
Public Health	0	0	0	0	0	0	0	0	0	0	0
Structural	0	0	0	3	38	13	0	0	0	0	54
Telecommunication	0	0	0	0	2	4	0	0	0	9	15
Textile	0	0	0	0	0	0	0	0	0	0	0
Thermal	0	0	0	0	1	0	0	0	0	0	1
Transport	0	0	0	0	0	0	0	0	0	0	0
Water Resources	0	0	0	0	2	1	0	0	0	0	3
	<b>1</b>	<b>18</b>	<b>0</b>	<b>706</b>	<b>8199</b>	<b>6178</b>	<b>16</b>	<b>15</b>	<b>13</b>	<b>6476</b>	<b>21622</b>

2.3 Death and resignations during the session were as follows:

Grade	Deceased	Resigned
Hon Fellow	2	0
Fellow	4	2
Member	21	11
Graduate	4	16
Student	1	9
Affiliate	0	0
<b>Total</b>	<b>32</b>	<b>38</b>

2.4 A total number of 4,636 members were in arrears of subscription for the year 2008. The total arrears in subscription for this year alone was recorded at RM383, 911.5.00. The Council would have to look into deleting these names from the membership register if the arrears were not settled by mid 2009.

2.5 For the session a total of 59 members were reinstated. The details are as follows:

Fellow	- 1
Member	- 25
Graduate	- 22
Student	- 1

### 3 THE COUNCIL AND THE EXECUTIVE COMMITTEE

3.1 For the session, a total of six Council meetings had been held of which five were the usual Council meetings with an Extraordinary Council meeting arranged on 15th December 2008 to look into the nomination for the post of Deputy President for session 2009/2010. A total of 19 Executive Committee (Excomm) meetings were held during this session to manage the affairs of the Institution in accordance with the Constitution and Bylaws.

I wish to thank all members of the Council, Executive Committee, Standing Committees, Technical Divisions, Sub Committees, AdHoc Committees and other committees for the participation, contribution and support in the activities of the Institution in the furtherance of its objectives to promote the science and profession of engineering in the spirit of a learned society.



I take this opportunity to thank the number of members who have voluntarily offered their services to represent the Institution in various external bodies and organizations.

#### 4. STANDING COMMITTEE ON FINANCE

4.1 The Standing Committee chaired by the Deputy President, Dato' Engr Prof Dr Chuah Hean Teik continued with the role of monitoring the financial management of the properties and affairs of the IEM. Regular meetings were held on every 3rd Wednesday of the month.

#### 4.2 Annual Subscription

The financing of the operating expenditure of the Institution continued to depend heavily on the payment of annual subscriptions which made up approximately 70% 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 RM103,000 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 promptly remind members to pay their annual subscriptions.

Many members had however been conscientiously paying their subscriptions promptly enabling IEM to achieve 81% collection for the year 2008. IEM wished to take this opportunity to thank all members who had promptly settled their subscriptions for 2008.

As at the end of the financial year 2008, there were however still 3,351 members in arrears of subscription for 2008.

#### 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. Amongst the measures taken included sending reminders for meeting via sms instead of telephone calls, sending minutes of meetings and notices via e-mail as well as printing of the annual report and IEM directory in CD form to reduce postage cost.

This had resulted in the expenses being controlled at 87% of the income – compared to 92% in 2007 - despite having to pay interest on the loan for the new building.

#### 4.4 ISO 9001:2002

The ISO Surveillance Audit by SIRIM QAS was carried out in March 2008 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 with the IEM Library maintained at the Basement. Secretariat was housed at the 1st Floor with the 2nd Floor and Penthouse utilised for monthly meetings and activities.

During the year, the surau was refurbished to be more conducive. Plans were underway to renovate the existing IEM Secretariat to provide more space to house an increasing Secretariat staff strength to cope with the increased membership and activities.

#### 4.6 Wisma IEM

The IEM Council had accepted the proposal to name the new building purchased by IEM in November 2007 as Wisma IEM. As the building was purchased by way of a bank loan, IEM currently continue to rent out approximately 85% of the building to UCI Education Sdn Bhd, operating as a college for nursing as well as other academic courses.

IEM would be renovating the remaining area to house the IEM activities. The renovation was expected to commence in February 2009 and to be completed in time for the Annual General Meeting on 18th April 2009.

#### 4.7 Ad Hoc Committee on Fund Raising

This Ad Hoc Committee continued to be chaired by the Hon Treasurer, Dato' Engr Abu Hashim Abd Ghani and was tasked with the responsibility to look into ways and means to raise funds to settle the loan on the new building early.

Currently, the Committee had through donations from members and private organizations raised approximately RM880,416.00 in cash. Contributions in kind were also received from BlueScope Lysaght Sdn Bhd who provided the roofing materials to repair the roof, Acumen Marketing Sdn Bhd, Chan Peng Light Fittings Sdn Bhd and Media Network Lighting Services Sdn Bhd who jointly provided light fittings for the three lecture rooms and auditorium and Digistar who contributed the PA system for the auditorium as well as Technitus Engineering Sdn Bhd, Enhance Systems Engineering Sdn Bhd and Smartech Sales & Service Sdn Bhd for contributing the air-conditioners for the new building.



#### 4.8 Sub-Committee on Human Resources

This Sub-Committee looked into staff matters and was chaired by the Hon. Secretary, Engr Assoc Prof Dr Jeffrey Chiang Choong Luin for this session. Meetings were regularly to deal with matters relating to Human Resource of Secretariat.

In order to ensure that the Secretariat staff members were well equipped to handle various matters with regard to the operations of the Institution efficiently, Secretariat staff members were sent to attend training programmes identified by the Sub Committee. Office equipments were also upgraded to improve the efficiency of the Secretariat staff. To increase the efficiency of the Secretariat, more experienced staff members were recruited in 2008.

#### 4.9 Sub-Committee on IEM Infrastructure

This Sub-Committee was chaired by the Hon. Treasurer, Y.Bhg. Dato' Engr Abu Hashim Abd Ghani. The Sub Committee played an important role in monitoring not only the maintenance of Bangunan Ingenieur but also 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.

The Sub-Committee was also given the task of looking into the renovations as well as maintenance of the new building in preparing for IEM activities.

#### 4.10 Sub-Committee on IEM Investment

This Sub-Committee was chaired by the Hon. Treasurer, Dato' Engr Abu Hashim Abd Ghani. The Sub Committee now played an important role in monitoring not only the maintenance of Bangunan Ingenieur but also that of the new Wisma IEM including the planned renovation. 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.

#### 4.11 Ad Hoc Committee on Review of the Incentive Account Guidelines

The Ad Hoc Committee chaired by Engr. Lee Weng Onn was given the task of reviewing the guidelines on the utilising of funds from the Incentive Account of the various Technical Divisions. The Committee completed their task in June 2008 and the guideline drafted was approved by Excomm for implementation with effect from 1st August 2008.

### 5 STANDING COMMITTEE ON QUALIFICATIONS AND ADMISSIONS

5.1 This Standing Committee chaired by Y.Bhg. Dato' Engr. Abdul Rashid bin Maidin 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 discuss matters relating to accreditation and membership drive. This Committee also worked closely with the Standing Committee on Examinations and Training to organise regular talks on career in engineering and route to MIEM as well as organising of membership drive campaigns.

5.2 As of 31st December 2008, a total of 6280 candidates were approved for election, admission and transfer to the various grades as listed below:

	2005	2006	2007	2008
(a) Transferred to the Grade of Distinguished Hon. Fellow	-	-	-	-
(b) Elected to the Grade of Hon. Fellow	-	-	-	-
(c) Transferred to the Grade of Fellow	17	8	13	9
(d) Elected/Transferred to the Grade of Member	375	187	329	511
(e) Admitted/Transferred to the Grade of Graduate	741	590	839	1005
(f) Admitted/Transferred to the Grade of Incorporated Member	1	2	3	6
(g) Admitted to the Grade of Affiliate	1	-	1	1
(h) Admitted to the Grade of Associate	3	3	3	7
(i) Admitted to the Grade of Student	859	871	1802	4741
<b>Total</b>	<b>1997</b>	<b>1661</b>	<b>2990</b>	<b>6280</b>

#### 5.3 Membership Applications Board

This Membership Applications Board chaired by Engr. Dr. Abu Bakar Mahat MIEM, PEng. 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 was recorded as follows:

- 23 approved for ASEAN Engineers Register (AER)
- 29 approved for International Engineer Registers (APEC/EMF)



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

Chaired by Engr. Noor Hisham bin Yahaya, FIEM, PEng., this Subcommittee's role was to organise membership drives at various organisations and conduct talks on career in engineering as well as "Route to MIEM" at local schools, colleges and IHLs.

The Young Engineers Section (YES) and Technical Divisions also contributed tremendously towards the success of these activities which attributed to the huge increase in membership strength for the year.

The Subcommittee also looked into improving the presentation materials to assist speakers in their talks. 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 Engr. Prof. Dr. Zainal Abidin Ahmad, FIEM, PEng continued to assist the Engineering Accreditation Council (EAC) to evaluate local engineering degree programmes offered by both private and public IHLs.

The Board maintained an updated list of accredited engineering degree courses from the local universities both public and private 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 Engr Vincent Chen 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 Engr. Vincent Chen was responsible for the co-ordination of professional interviews of all Branches including the Head Office.

The results of the professional interviews conducted from January-December 2008 were recorded as follows:-

Nos applied to sit	Nos failed	Nos waiting for result	Postponed	Nos passed
659	83	97	39	440

The Board continued to organise a number of Professional Interview workshops at IEM Headquarters, Branches and private organisations and at universities. For the year 2008, 3 professional interview workshops were held at the Head Office and similar workshops at various Branches.

With effect from 1st January 2007, IEM was appointed to conduct the Professional Assessment Examination on behalf of the Board of Engineers, Malaysia (BEM). To date, a total of 58 candidates were forwarded to IEM by the Board. Sixteen candidates were processed for the Professional Assessment Examination while the others had opted to join the IEM.

The PI Board is also looking into revising the Professional Interview Guidelines.

#### 6.3 IEM/BEM Graduate Examinations Bureau

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

##### 6.3.1 31st IEM/BEM Graduate Examinations

The results of the IEM/BEM Graduate Examinations held on 12th– 16th May 2008. The detail results are as follows:

Part 1 : 3 sat for the exam but did not pass  
Part 2 : 1 out of a total of 31 completed the examination  
Part 3 : 2 out of a total of 7 completed the examination.  
Paper 300A (Engineer in Society) 2 sat for the exam and both passed

The new localized examination and syllabus is expected to be implemented with effect in 2009. The expected date of examination is November 2009. The new syllabus is made of two parts examination and the third part would be on practical training.



### 6.3.2 Board of Examiners

The Board of Examiners chaired by Engr. Prof. Dr. Zainal Abidin Ahmad continued to set 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.

The revised examination structure is expected to be implemented in November 2009. The Board is in the midst of inviting examiners to prepare questions for the Question Bank. The Board is also looking in to the mechanism for implementation, supervision and assessment of the Project and Industrial Training.

### 6.4 Sub-Committee on Log Book

The responsibility of the Sub-Committee chaired by Engr. Gunasagaran Kristnan was to check and verify the log books submitted by the 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 98 log books were endorsed in year 2008.

The Sub Committee also organized a Refresher Briefing Session with the Mentors in 2008. Some important issues taken up during the session were:

- when mentoring, what is the extent of the Mentor's responsibility? Is it only to guide the Mentee or is it the duty of the Mentor to assess whether the experience gained by the Mentee is adequate in terms of quality.

From the feedback received, the Sub Committee would be looking into revising the Guidelines for Mentors as well as redefine the role of the Mentor. As a start, the Committee had included a termination clause in the event the Mentor wish to terminate his appointment. A disclaimer would also be included into the logbook that although having undergone the logbook and experience is satisfactory to the Mentor, the graduate is not guaranteed to pass the Professional Interview. Candidates would be requested to sign an Indemnity Form to indemnify the Mentors.

### 6.5 IEM Training Board

The IEM Training Board chaired by Engr. 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 2008, 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.

The Training Board also organized two sessions to solicit feedback from members pertaining to pupillage scheme.

The first was a Colloquium on "Challenges in Training Engineers a Priori to Qualifying to sit for Professional Interview Examination" held on 10th May 2008 and a Dialogue "Continuing Professional Development & You - An Intermittent Review on 2nd August 2008.

The Committee is now studying the feedback compiled as follows:

- i. There is a need to engage the Graduate Engineers as early as possible.
- ii. IEM to carry out a Registry of Graduate Engineers undergoing training. The Registry will be something like the Mentor Scheme as it is compulsory to tackle the problems right at the start. With the registry, IEM would be able to guide them early.
- iii. IEM to conduct a common exam for Graduate Engineers like the American exam where the exam will be on basic fundamentals.

### 6.6 Ad Hoc Committee on Competency Exam

Dato' Engr Samsuddin Ismail was appointed to chair this Committee to prepare questions for the Competency Exam. The Committee organized a workshop in February 2008 where members from various disciplines were invited to help prepare questions for the question bank. The questions prepared were submitted to the BEM and ACEM was appointed to review the questions.

### 6.7 Ad Hoc Committee on Quality of Recent Graduate Engineers

Engr. Patrick Cyril Augustin continued chairing this Committee who had been assigned the task of conducting a survey to look into the comment that the quality of recent Graduate Engineers had deteriorated.

The completed a questionnaire focusing on the Strengths and Weakness of recent Graduate Engineers were sent to Consulting firms to request for feedback. Results were received from 33 companies covering a total of 228 graduates. The responses are being analysed and the report is expected to be presented in early 2009.



### Ad Hoc Committee on Structured Training

On the request by the Standing Committee on Corporate Affairs, this Committee chaired by Engr. Gunasagaran Kristnan took on the task of looking into the possibility of introducing a pupillage scheme or training for young engineers as it was noted that these graduate engineers may not be "industry ready" upon graduation.

It was felt that there is a need to provide a proper training scheme to the young graduates in order for them to be more specialised and articulate in terms of their career and engineering profession. It was also commented that IEM should play a lead role to introduce the pupillage scheme to assist these young graduate engineers and also to outreach to the employers and the public.

The Committee had formed a sub group for each of the four major disciplines in Civil, Electrical, Mechanical and Chemical. The sub groups have been tasked to:

- i. Establish the conceptual scope for each discipline.
- ii. Identify the different types of modules to concentrate on.
- iii. Get people to write the curriculum and specifications.

## 7 STANDING COMMITTEE ON INFORMATION AND PUBLICATIONS

7.1 This Standing Committee under the Chairmanship of Vice President, Engr. Prof. Dr Ruslan Hassan, is 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 continued to be engaged by the IEM in the publication and printing of the IEM magazines. The Standing Committee is also adjusting to the new role in maintaining the website and to look after its quality. In the year under review, the Committee met regularly on every 1st Thursday of the month.

### 7.2 Journal

A total of four issues of the Journal were published, distinguished by its maroon colour for the year of 2008. The 2009 issue would be printed in amethyst colour and is now in the final stage of print 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 for 2010.

It is a practice that appreciation luncheon be arranged for the Reviewers of articles who vet the IEM Journal papers. The appreciation lunch will be arranged in conjunction with the last meeting of the session normally in the month of March.

### 7.3 Bulletin

Twelve issues of the Bulletin were published for the year under review. In 2009, the Bulletin will have a new design layout. The Editorial Board is currently in the process of compiling the March 2009 issue.

### 7.4 IEM Directory

#### *IEM Directory 2008*

The Directory had been delivered to IEM on 19 December 2008. Only 2000 hard copies were printed due to huge cost of postage. IEM has yet to receive the 14,000 copies in soft copies.

#### *IEM Directory 2009*

The Committee is looking into a new format for the IEM Directory. An announcement seeking the willingness of IEM members to provide their contacts and e-mail addresses in the new Directory was made along with the annual subscription notice of 2009.

### 7.5 Book Project

The publication of a coffee table book on "Engineering Heritage in Malaysia" was delayed due to inadequate financial support.

### 7.6 IEM Website and Homepage

The IEM Website/Homepage owned by IEM is also under the stewardship of this Standing Committee and hence undertakes the role 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



### 7.7 Library

Engr. Assoc Prof. Dr. Luqman Chuah Abdullah, continued to chair the Sub Committee and hold monthly meetings on Saturdays to discuss matters pertaining to the library before reporting to this Standing Committee.

The present stock of books and proceedings in the library number recorded are over 8,000 copies, with a wide variety of engineering books in various topics and disciplines related to engineering. Technical Divisions have also been purchasing books of their relevant disciplines for the library from the surplus fund generated from the monthly events. Members are also encouraged to submit book recommendations to be considered for purchase by the library.

A number of reading materials such as magazine, proceedings and seminar papers are also available at the library. A total of 2,597 copies of conference proceedings, seminar papers and technical papers delivered at various workshop sessions, seminars and conferences could be used for reference purposes.

The library also maintains newspaper cuttings of engineering materials for members' reference. The Committee was also looking into the purchasing of the library systems to computerise and catalogue of library books and proceedings for members for easy references.

### 7.8 Subscriber of Journals and donations

With the assistance from the Technical Divisions, the library continues as a subscribing member to numerous overseas Institutions for the purchase of journals, magazines and informative publications, e.g. geotechnical journals and proceedings. IEM members have also donated magazines and copies of proceedings and papers presented at courses, seminars and conferences.

### 7.9 British Standards and Membership with SIRIM and Other Collections

The library also maintains a list of conference proceedings, magazines, directories and newsletters from other institutions. IEM library continues to maintain its registration with SIRIM for the Malaysian Standard collection. Members can purchase or photocopy limited pages of the standards at nominal charges of RM 0.40 per copy.

### 7.10 Compilation of EC Examination Papers

The library continues to compile and maintain past year Engineering Council Examination question papers for Parts 1, 2 and 3 for members' reference and these papers can be copied at a nominal fee of RM 0.20 per copy.

## 8 STANDING COMMITTEE ON ACTIVITIES

8.1 Engr. Oon Chee Kheng took over the Chairmanship of this Standing Committee to supervise and co-ordinate the activities of the Technical Divisions, Special Interest Groups and Graduate and Student Sections as well as Branches of the IEM in organising all social, visits, talks and other activities for the furtherance of the aims and objects of the Institution. This Standing Committee role is to concentrate in the organising of seminars, conferences and social events.

### 8.2 IEM Annual Events 2008

The Standing Committee organised the various activities as listed in the summary sheet on Activities. Some of the major events are highlighted below

19.4.2008 49th Annual General Meeting of the IEM was held at Bangunan Ingenieur, Petaling Jaya. Dato' Paduka Engr. Hj Keizrul bin Abdullah continued as the President for the second session. He presented the Presidential Address on "From Nation Builders to Nation Mowers" at the AGM. 473 members were present at this AGM.

19.4.2008 49th Annual Dinner was held at the Hotel Sheraton, Subang Jaya with 860 members and invited guests present. The Guest of Honour was Y A Berhormat Dato' Seri Najib bin Tun Razak, Deputy Prime Minister and YBhg Datin Seri Rosmah Mansor. The highlights of the evening were:

- i. The presentation of the IEM Outstanding Engineering Achievement Award to T & T Konsult Sdn Bhd on the Design, Construction and Operation of Bukit Tagar Sanitary Landfill Project
- ii. The presentation of the Young Engineers Award to Engr. Dr Law Chung Lim under the Academic category

IEM also presented the Best Technical Paper Awards to the various selected authors who had contributed papers to the IEM Journals as well as the IEM Gold Medal Awards to outstanding students of local universities. Other regular programmes included the presentation of the Presidential Award of Excellence and short Salsa dance presentation.

The Institution also recognized and awarded the Most Supportive Organisation/Individual Awards for their support in encouraging organizations and members to volunteer their services to the Institution.



### 8.3 IEM Presidential Award of Excellence

The IEM awarded the Technical Divisions and Special Interest Groups for their keenness in organising activities for the Institution. The winners for the 2008 for the activities conducted for year 2007 are as follows:

Champion	Mechanical Engineering Technical Division
Second Place	Geotechnical Engineering Technical Division
Third Place	Civil and Structural Engineering Technical Division
Fourth Place	Building Services Technical Division
Fifth Place	Electrical Engineering Technical Division
Most Improved	Oil , Gas and Mining Technical Division

### 8.4 Major Conferences

The following conferences were organised during the session :

21-23.10.2008 **Brownfield Asia 2008- 3rd International Conference on Remediation and Management of Contaminated Land: Focus on Asia**

The Conference was organised at the Berjaya Times Square Hotel.

18-20.11.2008 **ICoPM 2008, International Conference on Project Management**

The Conference was jointly organised with the support from the department of Built Environment of the University of Malaya.

25-30.11.2008 **Organised trip to attend CAFEO 26 – Conference on ASEAN Federation of Engineering Organisation 2008**

The Standing Committee organised a package trip for its members to participate in the above Conference in Bangkok, Thailand from 26-29 November 2008. The theme of the Conference was on "Interdisciplinary and Transboundary Engineering in ASEAN"

## 9 STANDING COMMITTEE ON PROFESSIONAL PRACTICE

9.1 This Standing Committee is chaired by Vice President, Engr. P.E. Chong. Similar to previous years, monthly meetings were held to discuss matters pertaining to professional practices, arbitration as well as complaints on professional conduct and ethics on every 2nd Tuesday of the month.

### 9.2 Sub-Committee on Engineering Contracts for Civil, Mechanical & Electrical

This Sub-Committee under the Chairmanship of Engr. K. Gunasagaran, proceeded to produce standard conditions for contract of engineering works and to enlighten the IEM members on construction contracts, law and administrative procedures. The Sub Committee therefore continue its role in

- drafting the Condition of Contract for Civil Engineering Work.
- drafting of Condition of Contract for M & E Engineering Works

The goals and objectives of the Sub Committee are to prepare and publish standard conditions and guidelines and organise activities such as seminar on IEM Form of Contract.

### 9.3 IEM Fire Advisory Board (pka Sub-Committee on Fire Protection Services)

Engr. Thin Choon Chai chaired this Sub-Committee and the members have been actively involved in the Technical Committees formed by Jabatan Bomba Malaysia (BOMBA) and SIRIM as well as Tenaga Nasional Malaysia (TNB). The Sub-Committee has been renamed to IEM Fire Advisory Board.

### 9.4 Sub-Committee on Street, Drainage and Building Act and Uniform Building Bylaws (UBBL)

Engr. MC Hee was appointed as the Chairman to look into issues related to the UBBL. The Sub Committee proposed that UBBL amendment to be more performance basis by forming expert committee on architectural aspect and planning, civil/structural aspect, fire requirements etc. The Sub Committee had form Working Group as requested by the Ministry on UBBL.

### 9.5 Sub-Committee on Dispute Resolution Practice

This Sub-Committee chaired by Engr. Dr. Ooi Teik Aun is in the midst of preparing the IEM Panel of Adjudicators rules and procedure. The Sub Committee also is looking into the setting up of AFEO Arbitration Centre for Engineering Disputes where IEM would act as an International Alternative Dispute Resolution (ADR) Centre for Malaysia and ASEAN. The Sub Committee also plans to organize series of DRP course to generate income to set up a section in the IEM Library for Dispute Resolution and Arbitration.



9.6 **IEM Arbitrator Appointment/ADR Advisory Board  
(pka Sub-Committee on Arbitration Nomination)**

Engr. PE Chong chaired the Committee and continued its active role in nominating and appointing arbitrators for disputes referred to the Institution. The Sub Committee also at the last session has proposed increase the Arbitrator fees. The Committee also in the midst of reviewing the existing rotation system of appointment of arbitrators. The Sub Committee is now known as IEM Arbitrator Appointment/ADR Advisory Board.

9.7 **Subcommittee on Screening of Complaints**

Engr. Rocky HT Wong continued to chair the Sub Committee to screen all complaints received by IEM and look into whether there is a need to set up disciplinary action Committees on each report.

9.8 **Standard Writing Organisation (SWO) matters**

Engr. Mun Kwai Peng continued as the SWO Co-ordinator for IEM. The Institution has been involved in preparing three Standards for SIRIM with the support from the Civil & Structural Engineering Technical Division and Geotechnical Engineering Technical Division.

9.9 **Representation to Outside Bodies**

This Standing Committee appointed Engr. Ms Toh Ai Ching to work closely with the Secretariat to look into appointing representatives to various governmental agencies and to monitor the contributions and participation of these representatives to outside bodies by maintaining the need to submit reports and feedback so that the Standing Committee and its Secretariat can take appropriate action.

9.10 **The Engineering Hall of Fame**

The Sub-Committee under the Chairmanship of Y.Bhg. Dato' Engr. Pang Leong Hoon with the direction from Excomm has put up the announcement calling nomination of the award in the IEM website. The Sub-Committee has received Nine (9) nominations and the Award Committee would study the applications received for consideration.

9.11 **Ad Hoc Committee on Building Surveyor Act**

An AdHoc Committee to study the draft Building Surveyor Act and to come out with the report on the draft Act. The Chairman for this AdHoc Committee is Engr. Wong See Foong.

9.12 **Ad Hoc Committee on Construction Industry and Adjudication Act**

Engr. Yim Hon Wa was appointed as the Chairman for this Ad Hoc Committee to come out with IEM stand on the proposed Construction Industry Payment and Adjudication Act.

9.13 **Ad Hoc Committee on Review of the Registration of Engineers Act**

Engr. Yim Hon Wa was appointed by Excomm to chair this Committee and to work closely with the BEM in drafting of a new Engineers Act. The IEM New Engineers Act Blog was set up with the purpose to gather information from members and publics on the revamp of the Act. A total no. of 200 participants attended the forum on "New Engineers Act" which was held on 23rd November 2008 at PKNS. The report of the forum is now available in the IEM Website.

9.14 **Ad Hoc Committee on Investigation**

The Excomm has appointed Engr. Dr. Ooi Teik Aun to chair the Committee and to study the complaint made by members of IEM by virtue of the IEM Constitution and Bylaws.

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

10.1 Under the Chairmanship of Vice President, Engr. Choo Kok Beng, this Standing Committee held its monthly meetings on every 3rd 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 Open House 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 RM55,430.25 was received for the session 2008/2009. The IEM would like to record its appreciation to the members for their kind support and generosity. The balance available in the fund as at January 2009 is RM238,461.87. The Benevolent Fund contributed RM3,585.00 to the Jurutera Wargamas Scheme for the year.



### 10.3 Jurutera Wargamas

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.

9 applications were approved for the year 2008 under this scheme and the total number of members in the scheme is now 47.

### 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 2008.

### 10.5 Term Ing/Juru'tara (Jurutera Sementara)

The IEM Term Ing 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.

### 10.6 Employment Survey 2007

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 engineering profession and its related industry.

### 10.7 IEM Open House

The IEM Open House is one of the annual activities organized by the Standing Committee on Welfare and Service Matters and normally held on the first Sunday of May of the year. For the last seven years since 2001, the function was held at the hall of JKR's headquarter, Kuala Lumpur. However, this year the function was held on Saturday, 10th of May 2008 for the first time at IEM New Building, Petaling Jaya.

The main function of the IEM Open House is to give opportunity for the Council Members to meet fellow IEM Members and their families, to meet old friends and to foster closer relationship amongst members. The event began at 10.30 a.m. and ended at about 2.30 p.m. and was well attended by 386 engineers and their families (284 adults and 102 children). Presentation of awards to children of IEM members who had achieved excellent results in their SPM/STPM examinations of the previous year was held inside the auditorium. Several games and telematches were organized outside the new building for the families and their children. A vast variety of foods and drinks were served. Seated with chairs and tables under rows of canopies alongside the building, the members and families enjoyed the tasty foods especially hot satay and sizzling Mongolian noodles.

Among other interesting programs organized by the committee were face painting, fun/counter games for families, mingling around clown with sculpture balloons, telematches and exhibition on career guidance for students. Magic show was performed on stage in the auditorium by the comical clown who played his tricks and created laughter to the kids and the audience. Thirty four lucky draws, mostly electrical goods, were given away to the lucky engineers and the families who had attended the event. Grand lucky draw went to Engr. John S.T. Chee, a member from Sabah and also Chairman of IEM Sabah Branch. He took home a 42" LCD Toshiba TV. As part of the ladies' programme to coincide with the celebration of 'Mother's Day', live rose flowers were given to the mothers on their arrival and similarly kids received their door gifts. Winners for telematches and fun/counter games returned home with hampers.

As for the SPM Awards, 50 successful candidates received their Certificates of Achievement and the prize money from IEM. They were selected from a total of 51 applications received by IEM for their excellent results in 2007 and only one candidate was rejected due to non-compliance of the criteria. Majority of the candidates arrived with their parents to receive their awards from the President on the stage. Four successful candidates were qualified for SPTM Awards for this year.

IEM thanked the organizations i.e. Tenaga Nasional Berhad, Direct Access Credit Card, MAA Assurance Berhad, Dimension Publishing Sdn Bhd, Peng Fong Air-Conditioning and Engineering Sdn Bhd, Sinclair Night Merz Sdn Bhd, Percetakan Dejure Enterprise and Dynamic Pile Testing Sdn Bhd, for their sponsorship towards making the IEM Open House 2008 a success.

### 10.8 Engineering Week 2008

The Engineering Week 2008 was successfully held from 17th – 22nd March 2008. It was declared opened by the IEM President, Y.Bhg. Dato' Paduka Engr. Hj. Keizrul bin Abdullah, FIEM, PEng. The programme included seminars and talks held at the Head Office premises and Branches. Career and roles in engineering talks to schools and universities and press conference were conducted to enhance the image of the engineering profession amongst the community.



This is the 12th consecutive year that the IEM had organised the engineering week with the theme of "Engineering: Building Capacity of the Nation." Details of the activities are also captured in the Summary Sheets of the Annual Report.

#### 10.9 Talks/Dialogues/Gatherings

The Standing Committee organised a talk on 'Preparing for Retirement' on 27th November 2008 which attracted 114 participants. Other talks on health and insurance related to welfare and members' well being were planned for later implementation.

#### 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 recommended that he be made an Honorary Member.

#### 10.11 Insurance Matters

Various insurance schemes were arranged with insurance companies for members. Some of which were with AON Brokers Malaysia Sdn Bhd, MAA Berhad and ING Insurance Berhad. 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. It is to be noted that IEM would receive 0.1% of any expenditure of a card-holder who is an IEM Member. Action has been taken to reinstate the commission to 0.2%.

#### 10.13 Sub-Committee for Lady Engineers

This Sub-Committee chaired by Engr. Toh Ai Chin, 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 Award to be nominated for consideration of the IEM Award Committee. For the year under review, 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 Disaster Relief Fund obtained donations from the IEM members for the victims of the Myanmar Cyclone 'Nargis' and Sichuan, China Earthquake. The donation drive ended on 30th June 2008 raised RM19,867.00 and RM30,020.00 respectively for each disaster.

After conversion and rounding-up, IEM donated USD6,000.00 to Myanmar Engineering Society for "Nargis" and USD9,000.00 to Chinese Embassy for the Sichuan earthquake. We wish to record our appreciation to all donors.

#### 10.5 Other Projects for the Benefit of Members

The Committee managed to obtain corporate rates for hotel rooms and booking of conference venues at various hotels in Malaysia. In 2008, the Committee registered IEM as a member of the Tun Hussein Onn National Eye Hospital (THONEH) for members to enjoy benefits offered by the hospital. THONEH will conduct briefing to members on eye care.

The Committee will continue to seek for and implement activities for the welfare of members. To enhance its role, the Committee has embarked on an exercise approved in principle by EXCOM to rebrand the Standing Committee and be involved in more community services.

### 11 STANDING COMMITTEE ON CORPORATE AFFAIRS

11.1 The Engr. Tan Yean Chin, the Vice President was appointed to chair this Standing Committee and continued to oversee 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 is still pursuing the effort to register the IEM crest, the abbreviation IEM and Engr as a trademark with MYIPO.

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

The IEM continues to host the AFEO's Secretariat with Engr. Tan Yean Chin as the Secretary-General for another year - 2008/2009. The IEM Secretariat therefore continue to work also as the AFEO Secretariat and AFEO affairs is managed by the AFEO Management Committee



The Mid Term Meeting of the AFEO Board of Governors was hosted by Vietnam Union of Science and Technological Association (VUSTA) in Hanoi from 2-5 June 2008 at the Thang Loi Hotel, West Lake, Hanoi. The Engineering Institute of Thailand under The King's Patronage then hosted the 26th CAFEO in Sofitel Centara Grand Bangkok, Thailand from 24-26 November 2008

The Governing Board also endorsed a list of Distinguished Honorary Fellows, Honorary Fellows and Honorary Members and the President of Philippines, Her Excellency President Gloria Macapagal Arroyo was approved to be conferred the Distinguished Honorary Fellow of AFEO.

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

AFEO Countries	Distinguished Hon. Fellow	Hon. Fellow	Hon. Member	Total
Brunei (PUJA)	-	-	-	0
Cambodia (EIC)	1	35	33	69
Indonesia (PII)	2	20	-	22
Laos PDR (LUSEA)	1	5	10	16
Malaysia (IEM)	2	39	25	66
Myanmar (MES)	2	20	22	44
Philippines (PTC)	3	10	1	14
Singapore (IES)	-	20	-	20
Thailand (EIT)	4	11	6	21
Vietnam (VUSTA)	-	-	-	0
<b>TOTAL</b>	<b>15</b>	<b>160</b>	<b>97</b>	<b>272</b>

Engr. Rocky H.T. Wong in the capacity of the AER Head Commissioner, attended the Engineering Institution of Cambodia (EIC) Awards Ceremony for Conferment of the Titles of ASEAN Honorary Fellow, Asean Engineer and Professional Engineer to members of the EIC which took place on 20th March, 2008. The original date was for 21st March, 2008, but was brought forward to the day before. The Awards Ceremony was officiated by H.E. Dr. Sok An – The Deputy Prime Minister of Cambodia who announced that the government has appointed the EIC as Cambodia's PRA for the ASEAN MRA on Engineering Services. His Excellency requested AFEO/AER to help come out with suggestions and ideas on how EIC can play effective roles as both a learned cum civil society, and the national regulators for engineering in Cambodia.

A two man delegation comprising of the AER Head Commissioner, Engr. Rocky HT Wong and Engr. Tan Yean Chin, Secretary General of AFEO was in Yangon, Myanmar from 9th – 11th January 2009 to attend the Annual General Meeting of the Myanmar Engineering Society

#### 11.4 ASEAN Engineers Register (AER)

The IEM also continued to host the Secretariat of the ASEAN Engineers Register (AER). The ASEAN Engineers Register Executive Committee currently based at IEM continued to organise activities for the Register. Engr. Rocky HT Wong continued as the AER Head Commissioner for another session. 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 1,304 registered ASEAN Engineers. The breakdown of these registered members by country of origin is as follows:

Member Country	M'ship	Life M'ship	Total	Member Country	M'ship	Life M'ship	Total
Brunei	0	0	0	Myanmar	102	0	102
Cambodia	171	0	171	Philippines	111	0	111
Indonesia	146	0	146	Singapore	9	1	10
Laos PDR	15	0	15	Thailand	32	0	32
Malaysia	446	129	575	Vietnam	142	0	142

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)

Y.Bhg. Dato' Engr. Abdul Rashid bin Maidin, continued as the Chairman of this Committee for the second session. The main function of this IEM AER NMC is to process applications for IEM members applying to be registered as ASEAN Engineers. The Committee also arranged for AER certificate and medallion presentation to successful applicants from IEM.

For the year under review two activities were organised by this Committee namely :

##### *AER Certificate Presentation*

The AER Certificate Presentation held on 12th July 2008 (Saturday) at Crystal Crown Hotel, Petaling Jaya, Selangor. The Vice President – Engr. Tan Yean Chin concurrently the AFEO Secretary-General and the AER Head Commissioner, Engr. Rocky H.T. Wong presented the AER Certificate & Medal to eight recipients who attended the function that night.



*Networking Dinner for AFEO Hon. Members*

Tan Sri Dato' Radzi Hj. Mansor hosted the dinner at Menara Kuala Lumpur on 12th August, 2008. The AFEO Certificate & medal were conferred to some of the IEM members during this event. Two visitors from Chinese Taipei APEC EMF Monitoring Committee (CTAEMC) i.e. Dr. Ter-Chyuan Yu and Prof. Lee The Chang were also at the dinner. A total of 21 AFEO Hon. Members attended the dinner function.

*ASEAN Chartered Professional Engineer (ACPE)*

Of the 717 IEM AER members only 43 members completed the forms to sign up for the first batch of registration for the ACPE Register and their names were tabled to the CCS Meeting in Medan, Jakarta in December 2008.

**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 Y.Bhg. Dato Engr. Abdul Rashid bin Maidin. The Membership Applications Board chaired by Engr. Dr Lee Teang Shiu would vet and process all applications and forward the submissions to the Standing Committee for approval. To date, a total of 245 members have registered for both the Registers.

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

The Institution of Engineers, Singapore (IES) continue to chair FEIAP and the 16th General Assembly held on 25th November 2008 in Bangkok, Thailand. The Institution of Engineers, Malaysia was appointed the permanent Secretariat of FEIAP. The FEIAP Dinner was hosted to celebrate the 30th anniversary and during the night two eminent engineers namely Engr. Moh Za Chieh from Taiwan and Mr Nam Ho from Korea were conferred the FEIAP Engineer of the Year award for 2008. The next General Assembly would be arranged in Singapore also in conjunction with CAFEO 27, in December 2009.

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

Dato' Engr. Prof. Abang Abdullah bin Abang Ali continued as the President of the Federation of Engineering Institutions of Islamic Countries (FEIIC). Engr. Assoc. Prof. Megat Johari bin Megat Mohd Noor was elected the Secretary General of FEIIC for another term. Malaysia continued to host the FEIIC Secretariat for another term from 2007 - 2009. It was agreed that the next General Assembly shall be in Aleppo, Syria in 2009.

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

The IEM continue to be a member of WFEO. The next General Assembly and Executive Council meetings had been scheduled as follows:

- 2008 Executive Council meeting in Brazil
- 2009 General Assembly in Kuwait
- 2010 Executive Council meeting in Argentina

Mrs Maria Jesus Prieto Laffargue of Spain is the first lady President of WFEO and would served until the General Assembly in October 2009.

**11.10 Commonwealth Engineers Council (CEC)**

The CEC has become a virtual organisation and since then has not been very active.

**11.11 MOUs with Overseas Institutions**

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 Chemical Engineering Technical Division continued to be active in the affairs of APCChE and attended the Board of Directors' meeting in 2008.

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

Through-out the year, this Standing Committee continued to actively provide press releases and statements on various engineering issues eg, the Bukti Antarabangsa landslide, flooding, education and training.

**11.14 Public Colloquium**

Only one Public Colloquium was organised in year 2008 noted as follows:

- 13.9.2008 7th Public Colloquium on Public Colloquium on Mitigating Flash Floods Through Proper Planning was presented



by Dato Paduka Engr.Hj Keizrul Abdullah, President of IEM and Puan Norliza bt Hashim, President of Malaysian Institute of Planners (MIP) organised at IEM Head Office and was attended by more than 129 members.

#### 11.15 Dialogue with Governmental Agencies

IEM participated in numerous dialogues with MITI and Ministry of Housing and Local Government on issues raised by the IEM Pro- ETI Bureau on Mutual Recognition Authority (MRA) and Good Regulatory Practice. From 16th – 20th March 2009, a team of 10 IEM members will be attending the Malaysian Services Exhibition in Dubai, UAE. This is the second International services exhibition organised by MATRADE. MATRADE will be hosting 15 exhibitions and since the engineering cluster is the largest, the IEM Pro-ETI Bureau had been invited to be responsible for both the leadership of the ETI – Cluster and sub-cluster A on Brand Malaysia ETI Services.

#### 11.16 Visitors to IEM

- 21.3.2008 5 members including their President Mr John Loughhead, from The Institution of Engineering and Technology, UK visited IEM. A brief discussion session with the members of IEM Excomm was arranged. The IEM President then hosted a dinner at the PJ Hilton Genji Japanese Restaurant, PJ Hilton. The President of IET, Mr John Loughhead also delivered his Presidential Lecture on “The Magic Roundabout – Cycles of Energy” on Friday 28th March 2008 at the Dewan Tunku Chancellor, University of Malaya.
- 28.3.2008 Dialogue session and meeting was held with the Committee members of the IEM Kedah/Perlis Branch. Dinner was also arranged at the Genji Restaurant, PJ Hilton.
- 31.3.2008 Miss Julie Hammer the National President of Engineers Australia and the Chief Executive, Mr Peter Taylor made a courtesy call on the IEM President. Also present was the Manager of International Operation, Miss Cynthia Lee of Engineers Australia. IEM also hosted a dinner at the Paya Serai, PJ Hilton.
- 4.4.2008 Mr John Baxter and members of IMechE UK met with the IEM President for a dialogue session and IEM hosted dinner at the Toh Yuen Chinese Restaurant, PJ Hilton.
- 5.5.2008 A delegation of 40 members from the Nigerian Society of Engineers, Abuja made a courtesy visit on the President of IEM. The delegation headed by the President, Engr. K.Ali held fruitful discussion sessions with members of the Excomm and this Committee. IEM hosted the high tea at the Bangunan Ingenieur, P. Jaya.
- 18th August 2008 IEM played host to 6 mn delegation from Lao Union of Science and Engineering Associations (LUSEA). The dialogue meeting was held and IEM also took the delegation to visit some of the NGOs and Ministries. Some sight seeing tours were also arranged to Putrajaya.
- 18.11.2008 MATRADE arranged a courtesy visit for a 3-man delegation from the Nigerian Export Promotion Council (NEPC). The members of Corporate Affairs met these visits for a brief discussion.
- 27–31.10.2008 The Geotechnical Engineering Technical Division hosted delegates from the HKIE Geotechnical Division during their technical visit to Malaysia. A total of 30 engineers led by the HKIE Geotechnical Division Chairman, Engr. Prof Thm Leslie George from the University of Hong Kong were in KL and visited IEM. The delegates also made a stop at Penang Island and visited some of the sites. Geotechnical Engineering Technical Division of the IEM hosted dinner for the delegates at the Seri Melayu Restaurant at Jalan Conlay, K. Lumpur.

#### 12.0 AWARDS COMMITTEE

- 12.1 The President, Y.Bhg Dato' Paduka Engr. Hj Keizrul bin Abdullah chaired the Awards Committee for the session
- 1.2 The Committee met during the session to consider 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 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 has 5 representatives serving on the Board. The close rapport between the IEM and BEM continued during the session. IEM would like to record its appreciation for the inclusion of IEM representatives in various other Committees of BEM.

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

The Institution continued to be represented on the management Committees of the BIM and had been participating actively in its activities.

#### 13.3 Representation to Outside Organisations

The Institution continued its closer rapport with the other professional institutions and where relevant, participated in their meetings and activities. Some of these institutions are :

- Association of Consulting Engineers, Malaysia (ACEM)
- Pertubuhan Akitek Malaysia (PAM)
- The Institution of Surveyors, Malaysia (ISM)
- Construction Industry Development Board (CIDB)
- Confederation of Scientific and Technological Associations in Malaysia (COSTAM)
- Malaysia Structural Steel Association (MSSA)
- Professional Skills Development Centre (PSDC)
- Department of Standards Malaysia (DSM)
- Standards and Industrial Research Institute of Malaysia (SIRIM)

### 14 INTERNATIONAL ACTIVITIES

#### 14.1 The Institution also continue to maintain close relations with overseas engineering organisations viz:-

- 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 maintains good relationships and liaison with professional Institutions in USA, UK, Japan, Korea and China such as:

- 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 For the year, 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.

#### 14.4 The IEM Past President Academician Y.Bhg Dato' Academician Engr. Lee Yee Cheong, continued as the President of ASEAN Academy of Engineering and Technology (AAET) being one of its founding member. He is also the Chairman of International Science, Technology and Innovation Centre for South South Corporation under the Auspicious of UNESCO (ISTIC)

#### 14.5 The Past President, Y.Bhg Dato' Engr. Abang Abdullah Abang Ali, also continued as the President of the FEIIC. Engr. Assoc Prof Megat Johari bin Megat Mohd Noor, remained as the Secretary-General of FEIIC for another session.

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

#### 15.1 IEM Past President, Engr. Chiam Teong Tee took over the Chairmanship of this Committee to study and advise the Council on various suggested amendments to the Constitution and Bylaws of the Institution.



## 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 continue to meet once every three months to monitor the activities of the Fund. The Board also vetted 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. The applicants re selected to receive the scholarship were 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. The amount is RM4,500/- per year.

### ***Engr. Thean Lip Thong Memorial Scholarship***

The recipient, Mr. Tong Han Seng from University Malaya was given the scholarship from 2007 to 2010. He also received the amount of RM4,500/- per year.

### ***Tan Sri.Engr. (Dr) Hj. Yusoff bin Hj. Ibrahim Memorial Scholarship***

Erni Syhada bt Mazwil Ishan from UTM, a first year civil engineering student was selected to receive this scholarship from 2009 until 2011. Similarly she will be given an amount of RM4,500/- per year.

### ***Engr. Koon Yew Yin Scholarship***

The Board had selected the following students for the above award :

- i. Mohd Khairul Anwar bin Mohd Said from UiTM is a 2nd year student studying electrical engineering
- ii. Mohd Hafiszan bin Mohd Fuzi also from UiTM is doing his first year electrical engineering.

Both the recipients would be given RM4,500/- per year until they complete their degree course.

- 17.2 En Herwan bin Armat who had received the financing under the MAB Tun Hussein Onn Memorial Scholarship for the Blind has completed his studies at University Malaya. The Board has now provided the support with a scholarship of RM6,000 per annum to Ms Sek Kit Xuan. She was selected by MAB as she was the best blind SPM student for year 2006. She would be doing a Biomedical Degree at INTI College, Nilai and MAB confirmed that her degree is recognized and accredited as well. She will receive the funds until her graduation in 2012.
- 17.3 The IEM Gold Medals were awarded to the best final year engineering students of local institutions of higher learning. The award effective from 2008 was also given to private local universities.
- 17.5 The IEM Book Prizes were also awarded to the best engineering students of public universities.
- 17.6 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 For the year 2008, 3 Position Paper Committees had completed the preparation of the Position Papers for IEM and some are in the process of implementation. The Position Paper Committees that had completed their tasks are :

- Earthquake
- Cleanliness and Water Quality of Beaches (pka Water Quality and Cleanliness of Beaches)
- Energy Efficiency

Two Position Paper Committees were revived to review the status of the Position Paper. These two Committees were Mitigating the Risk of Landslides and Prevention of Flash Flood and Mitigation of Erosion and Siltation.

The Co-ordinating Committee for Position Papers chaired by the Deputy President, Yang Bhg. Dato Engr. Prof. Dr Chuah Hean Teik, was entrusted to monitor and co-ordinate the progress of the Position Papers Committees.



## 19. ADHOC COMMITTEE ON REVIEW OF IEM ORGANISATIONAL AND ADMINISTRATIVE STRUCTURE

- 19.1 The President, Y. Bhg Dato Paduka Hj Keizrul bin Abdullah continue to chair this Committee to look into various issues eg the size of the IEM Council and the Secretariat Structure ie
- Secretariat administrative set up to go professional
  - Staff Strength – is it sufficient?
  - Are the staff deployed appropriately?
  - Are the major areas covered appropriately?
- 19.2 The Committee also looked into the IEM Strategic Plan .
- 19.3 The Committee is also looking into the role to review the responsibilities of the Hon. Secretary and Hon Treasurer to see if there is a need for the two honorary positions. The Committee is studying whether with the changing time and expansion of the Secretariat, a full time staff for the two positions could be considered.

## 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 Engr. Lim Kok Khong was elected as the Branch Chairman for session 2008/2009. The membership of IEM Penang Branch as at 30 December 2008 is 1,149.

During this very active 2007/2008 session, the IEM Penang Branch Executive Committee together with the Graduate & Student (G&S) Section organised numerous progressive activities, including a high-impact engineering conference (RIE 2008), for the benefit of 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.

- 5.1.2008 *Talk on Construction of Teluk Bahang Dam & Encillinary Works*  
Credit goes to senior fellow engineer, Engr. Liaw Yew Peng for presenting the Talk on Construction of Teluk Bahang Dam & Encillinary Works which attracted a good turnout of 48 IEM members to participate in this interesting talk at the IEM Secretariat.
- 17.1.2008 *Seminar on Design of Slope Reinforcement*  
Impex Bio-Engineering (M) Sdn Bhd jointly co-organized the above seminar with IEM-Penang at Evergreen Laurel Hotel with 69 persons attending. The speakers were Mr. Holger Pohlmann, Mr. Danny Ng Kian Boon and Mr. Ching Yik Fong. After the seminar, the participants adjourned for a buffet dinner at Café Laurel of the hotel.
- 19.1.2008 *Talk on Fire Rated Ducting System*  
32 members and 18 invited guests attended the above talk held at IEM Secretariat. Mr. Owen Murphy and Mr. Roger K.T. Tan were the speakers.
- 1.2.2008 *Seminar on Data Center Infrastructure - The Way Forward*  
Once again, Emerson Network Power (M) Sdn Bhd sponsored the above seminar and had 3 speakers, namely Mr. Chew Cheng Kiat, Mr. Ross Hammond and Mr. Arunangshu Chattopadhyay to enlighten 35 participants on the subject.
- 1.3.2008 *Seminar on Towards More Reliable Site Investigation Information*  
Engr. Shaik Abdul Wahed Dato' Hj. Rahim, Director of Jurutera Perunding GEA (M) Sdn Bhd presented a very comprehensive talk during the above seminar to 57 members at the IEM Secretariat.
- 2.3.2008 *The Star Education Fair 2008*  
Dr. Goh Teik Cheong, Engr. Paul Phor and Professor Eric Goh were invited as Expert Speakers by The Star Management to present a talk on 'Engineering: Towards World Class Excellence' covering topics from 'academic excellence' to 'expectations of industry on engineers' and 'professional qualifications'; to over 150 aspiring engineers and parents at this informative education and career fair catering for the states in the northern region.
- 13.3.2008 *Seminar on Data Center Solution, Power & Cooling*  
The above seminar held at Gurney Hotel was sponsored by MGE UPS Systems Malaysia Sdn Bhd with Mr. Peter Wong, Director of Business Development as speaker. A total of 28 members attended.



- 14.3.2008 *Seminar on Integrated Structural Solutions*  
Bentley Systems (Malaysia) Sdn Bhd presented 3 speakers, Mr. Sandeep Sachdeva, Mr. Allen Adams, Mr. Madhan Elumalai and Mr. Low Wee Eng to conduct the above seminar to 44 participants at IEM Secretariat.

**ENGINEERING AWARENESS WEEK 2008**

- 17-23.3.2008 IEM Annual Event, Engineering Week 2008 which was held from 17th – 22nd March 2008 is recognized as a continuous effort to enhance the image of the engineering profession amongst the community by organizing various activities as listed below:

*Engineering Career Camp 2008 – 18.3.2008*

The Engineering Career Camp is normally the first event that kicks off the Engineering Week. 5 selected schools with 4 Form Six students and 1 counseling teacher from each school are invited to participate in this programme. MEI Project Engineers Sdn Bhd, being the main sponsor of the Engineering Career Camp, held a presentation at their office to provide the participating students the opportunity to witness the engineer's working environment for their further understanding of the functions played by engineers. This was followed by technical visits to Advanced Micro Devices (AMD) and JKR.

*Official Launch of IEM-UiTMPP Student Chapter and 'Route to Professional Engineer' Awareness Talk at UiTM, Pulau Pinang – 19.3.2008*

As part of the Engineering Week programme, IEM-Penang Chairman, Professor Engr. Dr. Eric Goh presented a talk 'Route to Professional Engineer' at UiTM, Pulau Pinang which coincided with UiTM's impressive Official Launching of the IEM-UiTMPP Student Section by UiTM Pulau Pinang's Director, Prof. Madya Mohd. Zaki Abdullah.

*Talk on Penang Bridge, Stay-cables Upgrading Works – 19.3.2008*

Mr. Pascal Martin Daguet, Project Manager at Penang Bridge cable-stay replacement project, Penang (Malaysia) for UEMC-Freyssinet (PB) Consortium (Vinci-UEM Construction) was very kind enough to present his expertise to 40 members who were present to listen to the cable-change project for Penang Bridge.

*New Technologies for Energy Saving with Central Air Handling Unit – 21.3.2008*

Robatherm Co. Ltd. of Thailand organized the above seminar at IEM Secretariat with Dipl. Engineer (FH) Mr. Henry Moehle as speaker. 23 persons attended.

*Professional Interview Workshop – 22.3.2008*

22 participants attended this informative Professional Interview Workshop which was held at IEM Secretariat. The Expert Panel Speakers include Professor Engr. Ishak Abdul Rahman, Engr. Thong Cheong Tai and Professor Engr. Eric Goh. The purpose of the workshop is to provide awareness, guidance and advise to aspiring engineers who are seeking the prestigious registration as 'Professional Engineers'.

*Friendly Badminton Games – 23.3.2008*

Engineering Week ended on a friendly note with players from PAM, JPS, TNB, AMD and IEM engaged in friendly badminton matches played at AMD badminton courts. AMD walked off as Champion for the 2nd consecutive year.

- 26.3.2008 *DISTED College INSPIRE Industry Insight Talk*  
An innovative concept to introduce higher education students to the reality and expectations of the industry prompted DISTED to invite Professor Eric Goh to present his experiences, industry's views and issues of IEM on engineering matters entitled 'Academic and Engineering Excellence' to all the academic staff and engineering students at DISTED.

- 12.4.2008 *Technical Visit to Tong Yong Metal Sdn Bhd*  
The first technical visit organized by IEM-Penang for year 2008 was attended by 30 members to Tong Yong Metal Sdn Bhd in Alma, Bukit Mertajam.

- 15.4.2008 *Seminar on Legislation for Fluorescent Lamp Electronic Ballast*  
Philips Lighting Malaysia Sdn Bhd had its ex-Vice President of Philips Lighting Asia Pacific, Mr. K. Seshadri, as speaker to 24 participants who attended the seminar.

- 6.6.2008 *Seminar on Pre-Engineered Steel Building System, MaxSeam & Open Web Joist*  
Zamil Steel-Kuala Lumpur Office sponsored the above seminar at Cititel Hotel and it was attended by 38 persons. Mr. Dennie Leu was the speaker.

- 20.6.2008 *Seminar on Performance Engineered Products that make Buildings Better*  
35 members attended the seminar held at IEM Secretariat. Mr. John Lim and Mr. Kelvin Ling, Country Manager Singapore and Regional Product Manager Asia, respectively, from Construction Specialties were the speakers.

- 24.6.2008 *Talk on OSC & CCC*  
Puan Norliza bt Abdullah, Unit Head of One-Stop Centre (OSC) unit, MPSP, gave a very interesting talk on OSC & CCC to 70 members and 5 non-members who were present at the Talk held at IEM Secretariat.



- 2.7.2008 *Seminar on UCO Solidwall System*  
UAC Berhad organized the above at Gurney Hotel and was well attended by 50 IEM members. The speaker Mr. James Tang gave a very interesting evening with power point presentations followed by buffet dinner at the hotel for all participants.
- 7.7.2008 *TNB Seminar on Professional Engineering Excellence*  
To encourage fellow TNB engineers to join IEM, Professor Eric Goh gave an informative seminar on Professional Engineering Excellence to all engineers in the northern region of Perlis, Kedah and Penang at TNB (Bandar Perda, Penang) who were accompanied by their respective State Directors. The good news was that after the seminar, the TNB management are convinced on the benefits of professional institution membership and agreed to sponsor the membership and professional fees of all TNB engineers interested to join IEM and also those who wish to subsequently apply for Professional Engineers status.
- 23.7.2008 *UiTM Seminar on Benefits and Route towards Professional Engineer Status*  
The Invited Speaker, Professor Eric Goh, representing IEM presented this CPD Seminar for over 100 UiTM academic staff and students on the systematic route in attaining the prestigious 'Professional Engineer (PEng)' status to a packed hall.
- 27-29.8.2008 *RIE 2008 Conference*  
IEM, Penang Branch successfully organized a high profile engineering conference entitled 'Recent Innovations in Engineering' themed towards world-class engineering excellence held at the Evergreen Laurel Hotel, Penang from 27th -29th August 2008 which was complemented by a technical visit to PBA's Filter Membrane Water Treatment Plant in Seberang Jaya on 29th August 2008. This well-received innovative conference, with strong support from the Government and industry, comprises of 22 technical papers presented by eminent experts from various engineering disciplines ranging from 'Effective Flood Management - SMART Tunnel Design', 'Innovative Water Treatment', 'Nanotechnology', 'Smart Building Design', 'Hospital Layout and Design', 'Toilet Design', 'Power Quality', 'Wireless Broadband Technology', 'Biotechnology Plant Design', 'Soil Erosion Management', 'GPS Systems', 'Strata Title Act' to 'World Class Engineering Education'.
- 6.9.2008 *Problems in Power Factor Capacitor Bank*  
The above seminar was held at IEM Penang Office with a turnout of 43 participants. The speaker was Mr. Jeffrey Ng the Managing Director of Wise Pro Sdn. Bhd. who also graciously sponsored this informative technical seminar.
- 23.9.2008 *Seminar on Energy Logic*  
Emerson Network Power (M) Sdn Bhd presented the technical material for the above seminar "Energy Logic" with 3 speakers sharing their expertise on the subject. The Seminar was held from 3 pm - 7 pm which was subsequently followed by a sponsored dinner at Audees Cuisine Wine Jazz Restaurant for the 27 fellow engineers.
- 8.10..2008 *Seminar on "Steel Wire Mesh Cable Management System"*  
25 participants attended the above seminar which was held at IEM Penang Secretariat. Mr. Alban Mulliez the Cablofil Marketing and Product Specialist was the speaker.
- 15.10.2008 *Career Talk for FRIS Engineering Institute*  
Engr. Choon Kok Yuen and Engr. Lim Kok Khong, representing IEM presented career talk to 200 counselors from Penang State school which was held at PISA.
- 29.10.2008 *CPD Engineering Excellence - Professional Engineer Exam Seminar*  
IEM Penang represented by Professor Eric Goh, presented the seminar to overall USM Engineering lecturers. This highly active seminar attracted more than 50 academic staffs and was held at The Civil Engineering Department from 2pm-5pm.
- 31.10.2008 *Seminar on "Excavation and Retaining Walls"*  
6 expert speakers shared their knowledge on various topics during this informative geotechnical seminar. The speakers are namely Ir. Tan Yean Chin, Ir. Dr. Eric Li, Ir. Liew Shaw Shong, Ir. Albert Ho, Ir. Yee Yew Weng and Ir. Dr. Toh Cheng Teik. 94 participants attended the above seminar held at Evergreen Laurel Hotel from 9.00 am to 6.00 pm.
- 7.11.2008 *2008 Distinguished Engineer Legacy Lecture*  
Our fellow eminent Penang engineer, Ir. Liaw Yew Peng presented his life-long experience on "Innovatiaons 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 MPPA*  
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 Engr. 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 Engr. 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.*  
Professor Engr. 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.

## 21.2 Southern Branch

21.2.1 Engr. Sim Tian Liang served as Chairman for the session 2008/2009. The membership of the Branch at 1st January 2009 was 1,794. The following activities were conducted by the Branch:

- 05.1.2008 Professional Interview Workshop on Route to be MIEM/PEng was conducted for the graduate members and engineers at Universiti Teknologi Malaysia (UTM), Skudai, Johor. The P.I. Workshop was chaired by Engr. Mohd Khir Muhammad from IEM (SB) and the speaker was Engr. Noor Hisham B. Yahaya from the IEM headquarters.
- 28.3.2008 A Technical Talk on 'New Generation of Concrete Repair Mortar (EN1504)' was presented by BASF (M) Sdn Bhd at The Mutiara Hotel, Johor Bahru.
- 29.3.2008 A Technical Talk on 'Application of Ice Thermal Energy System and Benefit for Use in Air Conditioning and HVAC System Comparisons' was presented by Dunham-Bush Sales & Services Sdn Bhd at The Hyatt Regency Hotel, Johor Bahru
- 01.4.2008 A Technical Talk on 'Introduction to Stormwater Management & Flood Modeling with xpswmm' was presented by Lestari Software Enterprise Sdn Bhd at The Zon Regency Hotel, Johor Bahru
- 08.4.2008 A Half-Day Talk on 'Precast Building System' was jointly organized with the The Concrete Society of Malaysia/ ACCI at The Zon Regency Hotel, Johor Bahru
- 26.4.2008 A 1-Day Course on 'An Update on Design, Fabrication, Construction & Testing of HVAC ducting system' was jointly organized with the Mechanical Engineering Technical Division (METD) of IEM at the Persada Johor International Convention Centre, Johor Bahru.
- 9 & 10.5.2008 A 2-Day Course on 'Understanding Construction Contract' was jointly organized with the Young Engineers Section (YES) at the Zon Regency Hotel, Johor Bahru.
- 15.5.2008 A 1-Day Seminar on 'Total Power Solution' was presented by Cummins Power Generator and sponsored by Scott and English (M) Sdn Bhd at the Hyatt Regency, Johor Bahru
- 17.5.2008 A Technical Visit to Clay Industries Sdn Bhd at 57th miles Jalan Johor, Ayer Hitam, Kluang, Johor
- 24.5.2008 A Technical Visit to Bedok Newater Visitor Centre, Singapore
- 28.6.2008 A Seminar on 'Reinforced Concrete Building Design (Using Esteem 7)' was organized by Esteem Innovation Sdn Bhd in conjunction with the 35th Annual General Meeting (AGM) at the Zon Regency Hotel, Johor Bahru
- 28.6.2008 The 35th Annual General Meeting (AGM) of the Southern Branch was successfully conducted at the Zon Regency Hotel, Johor Bahru with a total of 80 corporate members attended the meeting.



- 28.6.2008 The 35th Annual Dinner was held at the Persada Johor International Convention Centre, Johor Bahru. The dinner was graced by the presence of IEM President, Dato' Paduka 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 Academic Awards to the secondary students who are children of IEM members. The aim of the award is to promote academic excellence through the recognition of achievement in UPSR, PMR, SPM & STPM examinations.
- 11.7.2008 A visit to Rotary Observatory Centre at Jalan Bintang 2, Taman Bintang, Senai, Johor was organized by IEM Southern Branch for members.
- 22.7.2008 A Half-Day Seminar on 'Legislation for Fluorescent Lamp Electronic Ballast' was presented by Philips Lighting Malaysia Sdn Bhd at Persada Johor International Convention Centre, Johor Bahru.
- 24.7.2008 A Half-Day Talk on 'The Planning, Design and Management of Suvanabhumi Airport in Bangkok' was jointly organized with the Asian Concrete Society of Malaysia at the Faculty of Mechanical Engineering, UTM, Skudai, Johor.
- 28.8.2008 A Technical Visit to "HDB Precast Technology Center (PCT) and construction site of Pinnacle @ Duxton, Singapore were organized by IEM Southern Branch for members.
- 13.9.2008 A Technical Talk on 'Problems in Power Factor Capacitor' by Wise Pro Sdn Bhd at the Zon Regency Hotel, Johor Bahru
- 18.9.2008 A Ramadan Buka Puasa function was organized for IEM members and their family, friends and guests at the Puteri Pacific Hotel, Johor Bahru.
- 25.9.2008 Technical Visit to "Land Developer Authority (LTA) Tunnel Project Site, Singapore" and TUCSS Talk on 'The Latest Technology in Mechanised Tunnelling – Soft Ground, Mixed Face and Hard Rock' were jointly organised with the Asian Concrete Society of Malaysia/ACCI at the Toa Payoh Hub, Singapore.
- 25.10.2008 The 5th Interbranch Golf Games between IEM(SB), IEM (Melaka) and IEM (N.Sembilan) branches was hosted by IEM(Melaka) at the Orna Golf & Country Club, Melaka.
- 1.11.2008 A Technical Talk on 'Monitoring Structural Health of Concrete' was jointly organized with the Asian Concrete Society of Malaysia/ACCI at the Zon Regency Hotel, Johor Bahru.
- 6.12.2008 A Talk on 'Protection Relays' was presented by Mikro Berhad at the Puteri Pacific Hotel, Johor Bahru

### 21.3 Sabah Branch

- 21.3.1 The 34th Annual General Meeting was held at IEM(S) office at Damai Point on 25th October 2008.
- 21.3.2 Engr. John Chee took over the Chairmanship from Engr. Joe Chow Wai Ming who had completed two terms as Chairman of the Branch. A total of 61 members were present during the meeting
- 21.3.3 The total of Sabah membership at the end of December 2008 stood at 950.
- 21.3.4 A total of ten (10) Executive Committee meetings were held and all the meetings were conducted at the IEM Sabah Secretarial at Lot 25-3, Damai Point, Luyang.
- 21.3.5 4 Courtesy Call was made during the session of 2007/2008.

#### *Minister of Resource Development and IT, YB Datuk Dr. Yee Moh Chai.*

The visit was made on 18th April 2008. The main agenda was to follow through the request for seed money as advised by the Chief Minister of Sabah. The seed money is for funding the construction of the new IEM Training Centre at KKIP.

#### *Minister of Local Government and Housing, YB Datuk Hj Hajiji bin Hj Mohd Noor*

This was arranged on 7th July 2008. IEM raised the matter on extending the technical knowledge to all its local councils in order to study and expedite the approval of project plans. The ministry had also welcome IEM's assistance to appoint representative to sit in the meeting and proceedings of the housing tribunals.

#### *The Chief Minister of Sabah, YAB Datuk Seri Musa Hj. Aman*

On 25th July 2008, the committee made the courtesy visit to the Chief Minister of Sabah. The committee presented the design of the new training centre at KKIP and again reassured him that engineers are there to support the government by providing technical knowledge whenever his ministries required.



*The Vice Chancellor of Universiti Malaysia Sabah, Lt. Kol. Prof. Datuk Dr. Kamaruzaman Hj. Ampon*

The call was executed on the 10th September 2008. Despite being the “puasa” month, Datuk had welcomed us and showed keen interest of IEM’s suggestions and recommendations to improve the good ties between both organizations. IEM is keen to revive the Student Chapter while UMS welcomes experienced engineers to give lectures to its students.

21.3.6 During the session, Engr. Lo Chong Chiun was elected as the professional Interview Chairman. The PI sub-committee had handled new PI applications of which:

- 30 are civil
- 2 of mechanical and
- 4 electrical discipline

New candidates :	36
Pending appointment of interviewer :	0
Interview in progress :	9
Completed cases referred back to HQ :	35 (Passed : 24 & Failed : 11)
Outstanding cases :	2

21.3.7 During the session, Engr. Lawrence Chew was selected as the Technical Visit Chairman. The sub-committee has been actively organizing visits around the state of Sabah. The places were as follows:

- One Day Visit to “Project Bekalan Air Sandakan, Fasa II” on 20th October 2007
- Half Day Visit to “The Newly Constructed Kota Kinabalu International Airport” on 12th April 2008
- Half Day Visit to “1Borneo – Prior Launching” on 26th April 2008
- Half Day visit to “The Newly Completed Telibong Water Treatment Plant” on 26th July 2008
- One Day Visit to “Milau Dam, Kudat” on 6th September 2008

The technical visit sub-committee had also arranged an international tour to Japan. Unfortunately, due to low participation, the tour is postponed to March/April 2009. The branch is in communication with Japan Society of Civil Engineers (JSCE) to arrange programmes and sites of interests.

21.3.8 Young Engineers Sub-Committee is selected Engr. Nicholas Lim to be the leader for this session.

The activities undertaken by them are :

- Engineering Week 2008 Blood Donation Campaign at Palm Square, Kota Kinabalu
- Bowling Competition at Sutera Harbour Marina Club
- YES Summit to Peneng

During the session, the YES had also introduced 2 courses namely:

- Understanding Construction Contracts by IEM Vice President, Engr. Oon Chee Kheng
- Hot Mix Asphalt and Traffic Impact Assessment by lecturers from Universiti Sains Malaysia.

21.3.9 Besides that, our Sports Committee has selected Engr. Nazri Ab. Razak to be the liaison officers.

The 9th Inter Professional Bodies Games (IPB) 2008 had seen 9 sports being competed by all participating bodies namely;

- The Institution of Engineers, Malaysia Sabah Branch (Organising Chairman)
- Sabah Law Association
- Pertubuhan Arkitek Malaysia Sabah Chapter
- Malaysian Institute of Accountants Sabah Branch
- Malaysian Medical Association Sabah Branch
- The Institution of Surveyors, Malaysia (Sabah Branch)

The 9th IPB Games was officially closed on 25th October 2008 with football final match at Stadium Likas at night thus giving all prizes to the Champion, Runner Up and Third Place for every game.

Beside that IEM again emerged as overall champion in the 9th IPB Games even though 1 game left to be played.

21.3.10 During the session, the Seminar Sub-Committee managed to organised 18 professional development programmes. Of these, one major CPD event was organized i.e. the One-day Seminar on “Towards Best practices on Road Engineering”. The seminar was made possible with the collaboration with JKR and ACEM Sabah. This was executed on 5th December 2007 Courses and seminars conducted during the session were as follow:

- 29.10.2007 IEM/JKR Presentation on “A New system for Slope Stabilisation and Earth Retaining Structures.
- 22.11.2007 Design of Post Installed Fastening System (Mechanical & Chemical Anchors) & Rebars
- 27.11.2007 Pumping Station Design



- 28.11.2007 Lightning: A Major Equipment Risk
- 7.12.2007 Talk on "What is Failure and Why do Failures Occur?"
- 8.12.2007 Intensive workshop on "Determination of Soil Parameters in Geotechnical Design
- 22.1.2008 How New IEC 62271 : 200 Standard gives Peace of Mind for medium Voltage Switchgear Presentation
- 30.1.2008 Technical Course on "Data Center Infrastructure – The Way Forward."
- 31.1.2008 Modern Numerical Protection System
- 26-27.2.2008 BEM mandatory Course on "Code of Ethics"
- 28-29.2.2008 Structure Concrete Maintenance
- 18.3.2008 Leading-Edge Technology Employed for Fault and Disturbance Recording in Electric Networks and Power Plants Presentation
- 2.5.2008 Art Protection System Presentation
- 2.7.2008 Geosynthetics for Reinforced Soil & Marine Structure Applications
- 28-29.7.2008 BEM Engineering management Practice
- 31.7.2008-1.8.2008 Use of Eurocodes for The Design of Concrete Bridge
- 14-15.8.2008 Understanding Construction Contracts.
- 21.3.11 Engineering Week 2008 activities were undertaken during the promotion of Engineering Week 2008 i.e. 17th-23rd March 2008 were as follow:
- 1 technical presentation on "Leading Edge Technology Employed for Fault and Disturbance Recording in Electric Networks and Power Plants" on 14th March 2008
  - 1 technical visit to the Kota Kinabalu International Airport on 12th April 2008
  - Blood Donation Campaign on 30th April 2008
  - Career Guidance Talk at KK Politeknik on 21st May 2008
  - "Route to Professional Status for SESB Engineers " on 13th August 2008
  - "Green Pledge – Tree Planting Exercise" on 16th August 2008
- 21.3.12 The Committee also looked into the designing of a training centre at the piece of land purchased by IEM HQ at KKIP. The Branch Chairman, Engr. Teo Chee Kong and Engr. James Yong were appointed to supervise the project.
- 21.3.14 IEM(S) 32ND Annual Dinner was held on 22nd November at the Magellan Sutera Resort and Spa, Sutera Harbour Resort. The Guest of Honour of that night was YAB Datuk Seri Musa Haji Aman, the honorable Chief Minister of Sabah.
- The dinner gathering had witnessed the ceremony whereby IEM President Y.Bhg Dato. Paduka Ir. Hj Keizrul Abdullah conferred the Honorary Fellow Award to YAB Datuk Seri Musa Haji Aman, the honorable Chief Minister of Sabah.
- 21.3.15 Engr. Nicholas Lim is the Liaison Officer for IEM Sabah Toastmasters Club. The club is hoping to recruit more new members, failing which the in-house club may have to wind down.
- Currently, all the members who have participated have been awarded various CPD points. The monthly meeting is now held on every third week Thursday, at 7.45pm. Their place of gathering is at IEM Sabah Secretarial office, Damai Point.
- 21.3.16 The Branch is taking an active role to strengthen communication and collaboration with government bodies. This will greatly help the engineering profession especially in enhancing the profession.
- Besides have a representatives at DBKK meetings, a request had been put forward to the Ministry of Local Government and Housing for representation in all local councils. Currently, the Ministry had granted IEM to sit in 2 important Committees, which are very of much concern to the engineering profession.
- IEM is also persuading the Ministry to adopt a common registration procedure of professional firms i.e. central registration for all local councils. IEM with other professional bodies are finalising the proposal and shall be submitting to the Ministry soon
- 21.3.17 IEM Sabah Branch had also participated in numerous meetings with governmental and non-governmental departments. These meetings are intended to assist in the development of the nation vis a vis, to ensure engineers and the engineering profession, plays an important role in nation building. Among the meetings included :



- DBKK High-Risk Development Technical Sub-Committee Meeting
- DBKK Traffic Impact Sub-Committee Meeting
- DBKK Drainage Coordination Sub-Committee Meeting
- Ministry of Local Government and Housing Meeting
- Ministry of Infrastructure Development meetings
- Sabah Ports Authority Meeting
- Environment Protection Department meeting
- ACEM-PAM-IEM-ISM Joint Consultative Committee Meeting
- Town and Federal Planning Department meeting
- Malaysian Royal Custom meetings
- Ministry of Finance meeting
- SHAREDADA meetings

21.3.18 The secretariat had undertaken to design and produce the branch's quarterly newsletter. This was previously done by YES section. To date, 4 issues of newsletter had been distributed to members.

#### 21.4 Sarawak Branch

21.4.1 Engr. Wong Sie Hieng took over the Chairmanship from Engr. Haji Zawawi Haji Embong for the 2008/2009 session. The membership of the branch was recorded at 1,464.

21.4.2 The Special General Meeting No.1-2008 was held on 29 March 2008 to endorse amendments to the Branch's Rules and Bylaws to enable the Branch to own the land for the development of IntEC. The meeting attended by 20 Corporate Members endorsed amendments to Regulation 24 and 55. The amendments had been forwarded to IEM KL for the IEM Council and were also endorsed at the IEM Annual General Meeting held on 19 April 2008. Balloting was also conducted and the IEM members had given consent to the changes to the IEM Constitution and the Branch Rules. The Branch would follow up with the Land & Survey Department on the issuance of land title upon approval of the amendments by ROS.

The Committee held 5 meetings for the session to discuss the activities and affairs of the Branch.

As part of the on-going collaborative effort in playing more active roles in policy and decision making, the Branch Committee had in this past Session nominated the following as IEM representatives:

Datu Engr. John Tan: State Heritage Committee

Engr. Henry Foong Ah Ladd: Ministry of Public Utilities, Unit Merinyu Elektrik, Board of Examiners

Engr. Clarence Chin: Ministry of Public Utilities, Unit Merinyu Elektrik, Accreditation Committee

Engr. Dr. Ling Chin Poh: Swinburne University of Technology Sarawak Branch, Advisory Committee to Head of Engineering

Engr. Bong Chong Sar: Swinburne University of Technology Sarawak Branch, Advisory Committee to Head of Engineering

21.4.3 The Branch reported that during the year they have conducted the following activities:

- 19.6.2007 Short Course on: "Steel Design and Analysis – Analysis & Design of Multi-Storey Steel Framed Structures to BS5950:2000" was held in Auditorium, UPC in collaboration with Malaysian Steel Structural Association with 68 participants
- 17.7.2007 Half-Day Seminar on "Lightweight Steel Truss" was held at Hilton Kuching and was sponsored by Bluescope Steel (Malaysia) Sdn Bhd. The invited speaker was Mr Gary Newby. Attendance recorded approximately 90 participants.
- 13-14.8.1007 Course on: "Common Commercial and Contract Administration Problems and Their Solutions" was organised in collaboration with IEM Training Centre at Auditorium, UPC with total participants of 58. The speaker was Ir. Harbans Singh KS.
- 15-16.8.2007 BEM Mandatory Course on: "Safety & Health at Work" was delivered by Cdr (Rtd) Raymond Swa at Auditorium, UPC with 38 participants.
- 22.8.2007 Half-Day Seminar on: "Design on Steel Sheet Piles in Critical Structures", a fully sponsored Seminar by Oriental Piling at Auditorium, was held at Auditorium, UPC with 47 participants. The invited speakers were Mr Daniel Ferron and Ms Andrela Luxman.
- 2.9.2007 Talk on: "Fibre-Reinforced Concrete (Steel + Synthetic Fibre: Application)" - Mr Gan Cheng Chian presented the above talk to some 40 engineers.
- 6-7.9.2007 Finance for Non-Finance Managers"- Mr Quah Ban Lee delivered this 2-day Course for 32 participants at the Auditorium, UPC.



- 4-5.9.2007 The 2 Day Course on "Structural Concrete Maintenance" was presented by Engr. Choo Kok Beng at Auditorium, UPC with 43 participants.
- 17.9.2007 Half-Day Seminar on: "EN1504: New Generation of Concrete Repair" IEMSB co-organised this sponsored seminar by Basf Chemicals with Mr Colin Peterson delivering the seminar. The attendance was 43 engineers
- 4.10.2007 Half-Day Talk on: "Principle of Prevention & Time at Large; Condition Precedent Notice" was presented by Sr. SC Teo to some 66 engineers at the Auditorium, UPC.
- 23.10.2007 Half Day Seminar on: "Design of Post Installed Fastening System (Mechanical and Chemical anchors) & Rebars was presented Mr Voon Khin Boon, Technical Manager for Hilti (Malaysia) Sdn Bhd, Selangor and the seminar managed to attract 70 engineers. The seminar is also fully sponsored.
- 3.11.2007 Half-Day Talk on: "Maintenance, Repair and Inspection of Petrochemical Plant" by Ir. Uthan Chuat was attended by 22 engineers.
- 29.11.2007 One day Seminar on: "Lightning: A Major Equipment Risk" held at Holiday Inn Kuching, was presented by Mr Michael Leong to 49 engineers. The Seminar was fully sponsored by Schneider Electric Industries (M) Sdn Bhd.
- 27-28.12.1007 **Engineering Conference on "Energy and Environment"**
- The above conference was organized in collaboration with Faculty of Engineering, Universiti Malaysia Sarawak at Crowne Plaza, Kuching. A total of 108 technical papers were presented and 131 participants attended the conference. Two keynote papers were presented, one on energy issues by Tan Sri Datuk Amar Abdul Aziz Hussein, Managing Director off Sarawak Energy Berhad, and the other on environment issues by Mr. Mohammad Siphon of Trienekens (Sarawak) Sdn Bhd. Sarawak Energy Berhad hosted the welcoming dinner.
- 12.3.008 **Career Counseling Programme "- A Day with the Professionals"**
- 138 students fro 9 secondary schools had participated an in total, there were 291 attendants for the four sessions of career counseling. The programe was organised in collaboration with the ISM (Sarawak branch) at SMK Kuching High, 43 students registered for the engineering counseling.
- 19.3.2008 **Talk on Route to PE**
- A Talk on "Route to PE" to Universiti Malaysia Sarawak (UNIMAS) engineering students and lecturers in conjunction with Engineering Week were presented by Engr. Leslie Chai of Sarawak Energy Berhad and Engr. Dr Andrew R.H. Rigit of Unimas, and attended by about 60 partipants.
- 25-26.3.2008 **Seminar on: "Structural Earthquake (Analysis and Design)"**
- The above seminar was held in collaboration with the Malaysian Structural Steel Association at Auditorium, UPC. The speaker was Dr. Azlan Bin Adnan and the seminar attracted some 27 registrations
- 24-26.3.2008 **3-Day Course on: "Introduction to LV/MV Capacitor Bank Design & Maintenance Programme"**
- The above course was held in collaboration with Sarawak Energy Berhad at Regency Rajah Court, Kuching by Engr. Mohd Fuad Faisal, Senior Power Quality Engineer in TNB. The course received 23 registrations
- 2.4.2008 **Seminar on: "Introduction to Stormwater Management & Flood Modelling with xpswmm"**
- Mr Tony Kuch, Vice President of International Operations and Client Services in XP Software, the seminar received a good response of 86 engineers. It was held at the Auditorium, UPC.
- 6-7.5.2008 **2-Day Course on: "Common Commercial Practice", (6th - 7th May 2008)**
- The course was presented by Engr. Harbans Singh KS and was held in collaboration with IEM Training Centre Sdn Bhd at Auditorium, UPC, the course received 46 registrations from engineers
- 8-9.5.2008 **2-Day Course on "Code of Ethics", (8th - 9th May 2008)**
- Another course held in collaboration with IEM Training Centre, the course was presented by Cdr (Rtd) Raymond Swa with 38 engineers.

#### **IEM Sarawak Toastmasters Club**

The IEM Sarawak toastmasters club is an association of the Toastmasters International, a leading non-profit movement devoted to making oral communication a worldwide reality. Since its inception over 80 years ago in United States, the programme had spread and help over 4 million people all over the world become more confident leaders and effective public speakers. In Malaysia there are some 210 toastmasters club of which 17 are in Kuching.



Since its formation, IEM Toastmaster's Club has quickly risen to be one of the premier toastmasters clubs in Kuching with many of her members winning speech competitions locally and abroad. Currently the club has 29 members and holds their training meetings on 2nd and 4th Thursdays of every month. Meetings are conducted normally at the Ultimate Professional Centre's Main Hall, Bukit Mata Kuching, which is where the IEM Sarawak's Secretariat is base. However meetings are occasionally held in less formal environments as a social event to foster goodwill among its members

#### **IEM Sibul (Sub-Region)**

The activities at the Sub Region are recorded as follows:

- 30-31.1.2007 **Contract Administration for Site Personnel in Construction/Engineering Contracts**
- The course conducted by Engr. Harbans Singh KS wa held at Auditorium Kolej Bersatu Sarawak (UCS) and attended by 50 members.
- 11.12.2007 **One-Day Seminar on: "Basic of Contract Law with Special Applications to Engineers & Soil Investigation**
- Participants was aimed to give engineers an overview of the basics of contract law without legal technicality, to highlight the relevance of contract law to engineers and to enhance the awareness of engineers of their duties and responsibilities in construction contract by the speaker Engr. Raymond Tiong at the Auditorium Kolej Bersatu Sarawak (UCS) and attended by 30 members.
- 17-22.3.2008 **IEM Engineering Week**
- A one-week programme has been arranged to promote engineering aggressively and covering all the aspects; the challenges, professionalism, the exciting working environment and the wide career options available to engineers.
- Among the activities which had been conducted recently by IEM Sibul Region are, namely the donation of RM2000 to Sibul Kidney Foundation (SKF), the donation of JKR guidelines (Arahan Teknik) to Kolej Bersatu Sarawak (UCS) and educational talks to secondary schools students.
- 3.5.2008 **Half-Day Talk on: "Overview of New JKR Sarawak Form of Contract PWD 75, PWD Form of JKR 203/203A & PWD Form of Design and Build**
- The speaker Engr. Kii Ing Ching presented the overview to the amendment of the new JKR Sarwak Form of Contract PWD 75, PWD Form of JKR 203/203A & PWD Form of Design and Build to 100 participants at the RH Hotel in Sibul .
- 6.5.2008 **One-Day Workshop on Ground Settlement – The Cost to Sibul**
- IEM Sibul Sub-Region and Sibul Municipal Council conducted the workshop and the speakers were Engr. Tai Lee Yoon, Dr. Kho kai Tze, Engr. Wong Fu Toh, Dr. Toh at the RH Hotel, Sibul with 100 participants.
- 12-13.6.2008 **Seminar on "Common Commercial and Contract Administration Problems and Their Solutions"**
- Rngr. Harbans Singh K.S. again conducted the course at the Auditorium, Kolej Bersatu Sarawak (UCS) to 35 persons

#### **IEM Bintulu (Sub-Region)**

The activities at the Sub Region are recorded as follows:

The technical visits/talks conducted are as follows:

- 7th March 2007, IEM Bintulu and IMM Malaysia jointly organised a One Day Seminar on Corrosion.
- 8th March 2007 Technical Visit to PETRONAS LNG Complex.
- 17th March 2007 AUSTRAL Edible Oil Technical Visit 15 engineers from Bintulu attended the event
- 5th May 2007, Annual Dinner held at Parkcity Everly Hotel
- 3rd October 2007, Talk on Fibre Reinforced Concrete – Steel + Synthetic Fibre Application



Besides the above activities, the committee members also held regular meetings to discuss matters and conduct routine business of the regional committee and also attending IEM Branch Executive Committee meeting.

On the 5th May 2007, IEM Bintulu Annual Dinner was held at Parkcity Everly Hotel attended by over 300 guests comprising engineers, invited guests, other professional and associates. Engr. Yeo Joon Chiew chaired the organizing committee.

Inter-Professional Games 2007 was organised on 1st & 2nd March 2008. The event was jointly organised by IEM Bintulu Region, Malaysian Medical Association Bintulu Chapter, Malaysian Association of Accountants Bintulu Chapter, Sarawak Association of Advocates Bintulu Region. IEM Bintulu again retained the Championship Trophy.

The regional committee is actively involved in membership drive and promoting public awareness on activities and functions of the Board of Engineers Malaysia and as well as the Institution of Engineers Malaysia including Professional Interviews.

## 21.5 Eastern Branch

- 21.5.1 Engr. Nik Mohd Amin bin NikTaib continued as the Chairman of the Branch for another session. The Annual General meeting was held at the Sutera Inn Hotel, Jalan Bayam, Kota Bahru, Kelantan.
- 21.5.2 The Branch is still located at Kota Bahru, Kelantan. The IEM Eastern Branch will therefore be located at this State for another year before moving to Kuantan, Pahang.
- 21.5.3 The Branch has a total of 1,343 members.
- 21.5.4 IEM Eastern Branch continued to organise numerous activities for its members residing in Kota Bahru and some ad hoc activities for members in Pahang.
- 21.5.5 On 21st January 2008, the Branch Committee representatives met the IEM President for a dialogue session at the Bangunan Ingenieur, Petaling Jaya and made the following proposal:
- IEM and Membership drive awareness to be more serious, IEM Head Office must give thoughts and supports to the fullest to Branches to drive for more members
  - To submit a memorandum to BEM on issues related to engineers in engineering professions especially those in consultancy business, which were victimized by clients.
  - To reconsider the use of abbreviation "Engr" as the title is too long and is confusing the public
  - To approve extra budget for CPD training
  - To revive the budget allocation to the branches
  - To support the IEM branches to sit in local authority/council so that engineering issues in society are tackled and members can be exposed to the Society.
  - To honour Fellow members with 20 years with the IEM
- 21.5.6 The Branch forwarded a Memorandum to the President of the Board of Engineers Malaysia making various proposals for the interest of the engineering profession. Some of the points proposed in the memorandum are:
- To propose to the government for special incentive scheme for government employees with P. Eng
  - Issues related to engineers in engineering professions especially those in consultancy business, who were victimized by clients.
- 21.5.7 The Eastern Branch had structured 4 Sub Committees to organise activities for members namely:
- Membership Drive Committee
  - Training and Education Committee
  - Pahang Liaison Committee
  - Social and Welfare Committee

The Branch Committee is also looking into issue as to how to make IEM more relevant to IEM colleague engineers in Kelantan and Pahang.

## 21.6 Perak Branch

- 21.6.1 Engr. Angus Ang Mei Yu took over the Chairmanship from Engr. Khairul Anwar Masud, MIEM, PEng. The membership of the IEM Perak Branch as at 1st January 2009 is 1308.
- 21.6.2 During the session 2007/2008, twelve (12) monthly committee meetings were held to look into the management and activities of the Branch.
- 21.6.3 There were thirty-nine (39) candidates assigned to the Branch for their Professional Interview



- 21.6.4 *Circulars*  
Announcements on the up-coming activities were circulated to members from time to time during the year.
- 21.6.5 *Library*  
The Branch's library is temporary sited at Koh Perunding's premise at No. 13, Jalan Labrooy, Ipoh
- 21.6.6 For this session, the activities organised by the Committee were as follows :-
- 8-10.4.2008 *IEM/ JPS Joint Seminar*  
Three Days Hands On Course On Urban Storm Water Management (MSMA)  
The seminar was held at Impiana Casuarina Hotel, Ipoh with about 45 participants. The speakers were from JPS Malaysia.
- 24.5.2008 *Seminar on Power Monitoring System and Energy Efficiency Methodology*  
The seminar was held at Impiana Casuarina Hotel, Ipoh with about 40 participants
- 23-24.6.2008 *IEM / LAP Joint Seminar*  
Contract Management for Water Supply Industry by Ir. Harban Singh  
The seminar was held at LAP Perak building with about 200 participants which included the LAP engineers and contractors.
- 2.8.2008 *Half Day Seminar on Scaffolding & Safety*  
The seminar was held at Royal Ipoh Club with about 30 participants
- 9.8.2008 *Half Day Seminar on Cut & Bent Reinforcing Steel and Welded Steel Mesh for the Reinforcement of Concrete*  
The seminar was held at Impiana Casuarina Hotel, Ipoh with about 45 participants.
- 23.8.2008 *IEM Perak Branch Annual Dinner 2008*  
The annual dinner was held at Royal Ipoh Club. The Guest of Honour was YAB Menteri Besar Perak, Dato' Seri Engr. Haji Mohammad Nizar Bin Jamaluddin. The IEM President, Y. Bhg. Dato' Paduka Engr. Hj. Keizrul bin Abdullah also attended the dinner together with 280 members and guests.
- 20.9.2008 *Half Day Seminar on Safety on Work at Height*  
The seminar was held at Royal Ipoh Club with about 30 participants
- 5.11.2008 *Forum On Issues Pertaining to One Stop Centre (OSC) by Sub-Committee of Professional Practice*  
The forum was held at Royal Ipoh Club with about 14 consultant engineers.
- 15.11.2008 *Half Day Technical Visit to Lysaght Galvanized Steel Factory*  
About 50 engineers attended the technical visit.
- 21.6.8 *Graduate and Student (G&S) Section*  
The G&S Section of the IEM Perak has been organising meetings in order to facilitate the operation of the G&S Section. This included visit to charity homes and games among its members. The G&S Section was also actively involved in organising the IEM Annual Dinner 2008.
- 21.6.9 Perak Branch AGM 2008 was held at Hotel Heritage, Ipoh on Saturday, 27th December 2008 at 9:00am and attended by 80 members. President Y. Bhg. Dato Paduka Engr Hj Keizrul and Deputy President Y.Bhg. Dato Engr Prof Dr Chuah also attended the AGM and held a dialogue with the members.
- 21.6.10 The Luncheon for conferment of Honorary Fellow to the then YAB Menteri Besar of Perak, Dato' Seri Engr Hj Mohammad Nizar Bin Jamaluddin at Hotel Heritage, Ipoh on Saturday 27th December 2008 at 12:30pm. The event was attended by 120 members.
- The President and Deputy President also attended the function.
- Special invited guest include :
- i Datuk Bandar Ipoh – Tuan Haji Roshidi Bin Haji Hashim
  - ii Chairman of Rehda Perak – Dato Francis Lee Yew Hean
  - iii Chairman of MMA Perak – Dr. Shan N. Narayanan
  - iv Chairman of Perak Bar Council – Mr. Shan Theivanthiran
  - v Chairman of FMM Perak – Mr. Gan Tuck Kong
  - vi Deputy President of Perak Indian Chamber of Commerce – Mr. Sultan Abdul Khader
  - vii Central Committee of Perak Chinese Chamber of Chamber – Mr. Hanson Lau Wing Hong
  - viii Chairman of KLK Bhd – Dato Seri Lee Oi Hian
  - ix Chairman of Fong Lee Plantation Sdn Bhd – Dato Chan Yew Mun



21.6.11 The IEM Engineering Week 2009, have targeted Form 4 student of 2 nos secondary school to conduct career guidance talk.

#### 21.7 Malacca Branch

21.7.1 Engr.Mohammad Ariff bin Hj Karim continued as the Chairman of the Branch for a second session. The Branch AGM was held at the Naza Hotel, Melaka on 13 December 2008. The membership of the Branch is now at 475.

21.7.2 The Branch Committee held a total of 8 Committee meetings for the session and all of its meetings were conducted in the evening to look into organising activities for the Branch members.

21.7.3 The Branches conducted some activities for its members

26.4.2008 Half Day Technical Visit on Projek Peningkatan Lapangan Terbang, batu Berendam, Melaka. This visit were participated by 34 members.

3.5.2008 A Half Day Intensive Talk on Design of Post Installed fastening System (Mechanical and Chemical Anchors & Rebars) was held at Straits Meridian Hotel, Melaka and participated by 24 members.

14.6.2008 Half Day Technical Visit to AB-3P High Impact Resistant, Anti-bacteria 3 Layer Water Pipe At ME-Plas (M) Sdn Bhd. This visit was participated by 10 members.

28.6.2008 Half Day Technical Visit and Seminar on Looking Towards A Cleaner Environment in Recycling of E-Waste at Victory Recovery Sdn Bhd. This visit was participated by 17 members.

12.7.2008 Half Day Intensive Seminar on Ice Thermal Storage was held at Holiday Inn Melaka and participated by 30 members.

19.7.2008 A Half Day Intensive Seminar on Power Factor Capacitor Bank was held at Hotel Orkid Melaka and participated by 15 members

23.7.2008 Haf Day Intensive Seminar on UCO Solidwall System was held at Holiday Inn Melaka and participated by 18 members.

26.7.2008 One Day Technical Visit and Seminar on Factory Visit to Pile Fabrication Factory and Seminar was held at Putri Resort, Ayer Keroh, Melaka .

2.8.2008 One day Intensive Seminar on Low Tension Switchgear Selection was held at Straits Meridian Hotel, Melaka and participated by 27 members.

2.9.2008 Half Day Technical Visit to Bangunan Gunasama, Persekutuan Melaka Tengah, Ayer Keroh< Melaka. This visit was participated by 17 members.

25.10.2008 Perlawatan Golf Tiga Penjuru antara Institusi Jurutera Malaysia, Cawangan Melaka, Institusi Jurutera Malaysia Cawangan N. Sembilan dan Institusi Jutera Malaysia, Cawangan Johor was held at Oma Golf & Country Club Melaka. 30 members participated in this tournament.

#### 21.8 Negeri Sembilan Branch

21.8.1 The Chairman of the Branch is Tuan Ir. Hj. Mohamad Nor bin Mohd Dros.

21.8.2 The total membership of the Branch is recorded at 605.

21.8.3 The following activities had been organised for the session:

2.2.2008 Seminar On Climate Change And Its Impact On Flood And Water Resources In Peninsular Malaysia. Seminar on Climate Change and Its Impact on Flood and Water Resources in Peninsular Malaysia was held at Spanish Villa Resort Homes, Taman Tasik Jaya, Seremban, Negeri Sembilan Darul Khusus. The seminar was jointly organized by Jabatan Pengairan and Saliran, Negeri Sembilan Darul Khusus and IEM Negeri Sembilan. The panel speakers were from NAHRIM, G&P WATER SDN. BHD and IEM.

24.4.2008 *Careers Talk*  
As part of the programme for Engineering Week a careers talk was held at SM Agama Sheikh Hj Mohd Said Seremban with speakers from IEM, NS Branch

31.5.2008 *15th Annual General Meeting*  
15th Annual General Meeting of the Branch was held the Klana Resort Seremban. It was officiated by Yg. Bhg. Dato' Paduka Ir. Hj. Keizrul bin Abdullah, the IEM.



In conjunction with the AGM, a talk on 'Managing Change' was delivered by Tuan Hj. Mohamad Kamaludin bin Taib before the meeting.

- 14.6.2008 *Annual Dinner 2008*  
The guests of honour were YAB Menteri Besar, N. Sembilan and President, IEM. The dinner was well attended by 600 members and guests. A sum donation of RM5,000 was presented to Tabung TV3 Bersamamu.
- 12.7.2008 *Friendly Golf Competition - State Secretary Vs IEMNS*  
This yearly event was held at Staffield Country Resort, Mantin and this year it was hosted by YB SUK. IEMNS emerged the winner'
- 25.7.2008 *Technical Visit To Seremban – Kuala Pilah Road Upgrading Works.*  
19 members participated in the technical visit. Before the visit, the participants were briefed by the consultant of the project and JKR on the technical aspects and problems faced during construction.
- 28.8.2008 *Seminar On Geosynthetics For Reinforced Soil And Marine Structure Applications*  
The one day seminar was held at Dewan Theatre, Wisma Negeri, Seremban with the support of Jabatan Pengairan dan Saliran, Negeri Sembilan. The speaker was Engr. Dr. Loke Kean Hooi, General Manager of Tencate Geosynthetics Asia Sdn. Bhd.
- 25.10.2008 *IEM 5th Golf Persahabatan 3 Penjuru Wilayah Selatan*  
IEM, NS Branch participated in the tournament which was held at Orna Golf Resort, Melaka.
- 11.12.2008 *Seminar On Problems In Power Factor Capacitor Bank*  
The half day seminar was held at Klana Resort, Seremban and was attended by IEM members, government servants and from the industries. The speaker was Mr. Jeffrey Ng, Managing Director of Wise Pro Sdn. Bhd.

- 21.8.4 *IEM NS Branch Office Building*  
The branch purchased a 2 storey building at Oakland Commercial Centre at a purchase price of RM288,000 with a loan of RM138,000 from HQ and the rest through fund raising.

## 21.9 Miri Branch

- 21.9.1 Engr. Richard Teo Chok Teck continued his Chairmanship for another session. The Branch membership is at 229.
- 21.9.2 **Executive Committee (EXCOMM) Meeting**  
Generally the Branch Excomm Meeting is held on the 3rd Thursday of each month from 5.30pm to 7.30pm accordingly. For the Session just completed, 10 Excomm meetings were held.
- 21.9.3 **Membership Drive/Promoting Engineering**

### *Engineer your Career*

This talk was organised by the YES section together with Curtin University at the PUSTAKA for higher Secondary students. Primary the talk introduced the students to the various discipline of engineering and the career prospect. About 200 students from 10 Secondary Schools in Miri attended the talk that was held on 29th March 2008.

### *Route to PI and benefit of IEM*

Two talks were conducted, one at Ranhill Worley's office to about 30 graduate engineers and another talk was presented to about 20 graduate engineers at Sarawak Shell Bhd. The talks were held on 26th May 2008 and 6th August 2008 respectively. Among the audience at Ranhill Worley, were a few foreign engineers. There were also enquiries on registration with BEM as well as membership for the IEM.

### *Engineering Career*

Curtin University organised a talk on 15th September 2008 for Foundation Undergraduates. About 50 undergraduates attended the talk with the theme "Role of Engineer at Senior Level".

In another talk organised by Curtin University Engineering Student Club on 27th September 2008 was with the theme "Are you industry ready" and was attended by about 30 undergraduates. The YES section assisted organising of this talk.

The final career talk was given in "JOB Expo 2008" held in Miri Indoor Stadium on 27th September 2008. This event was organised by the Youth Section of the Sarawak United People Party. Here the audience was the general public with a mixture of Secondary students and diploma holders as well as parents.



### **Technical Workshops/Seminars/Courses/Conference**

#### *Technical / Engineering Talks:*

- 24.11.2007: *Technical Talk on Chlorinated PolyVinyl Chloride (CPVC) Material*  
The 2007-2008 Session kicked off with the Technical talk given by Dr. Jon Eow on Chlorinated PolyVinyl Chloride (CPVC) as an advance engineering material immediately after the AGM.
- 26-27.11.2007: *CUTSE Conference 2007*  
The theme of this Conference is "Raising Awareness of Innovation". Speakers came as far as Hungary, Lebanon as well as West Malaysia. While most speakers were academicians, the papers presented were interesting.
- 2.12.2007: *Technical Talk*  
Review of Scaffolding Research since 1970 by Dr. RG Beale from Oxford Brookes University.
- 25.2.2008: *5-Day API 570 Authorized Piping Inspector Certification Course was jointly organized with Technical Engineering Association.*  
The course was conducted by API Certified Inspectors Mr. Chow Ngai Mun and Ms Lily Li from Shell Singapore Refinery. 21 engineers participated and were richly rewarded with good presentation.
- 14.7.2008 *2-Day BEM Mandatory Courses – Code of Ethic*  
The course was held at Pustaka and conducted by Ir. Raymond Swa. A total of 30 graduates as well as Professional Engineers attended this event.
- 27–29.7.2008 *Essentials of Project Management*  
This event was conducted by Ir. Frankie Chong. 23 engineers participated, mainly from the oil & gas industry.

#### **21.9.4 Engineers' Newsletter**

The first issue was published to coincide with IEM Annual Dinner 2005 as Souvenir Magazine. On 31 March 2008 while the 2nd issue was published on 30 September 2008.

#### **21.9.5 Community Outreach / Services**

The following activities and project were organised from November 2006 until November 2007.

- 1.3.2008 *International Charity Fair 2008*  
This event was organised by Shell Young Engineers and YES section was invited to participate. An amount of RM500 was raised for Charity.
- 21.6.2008 *10th Anniversary Luncheon*  
The IEM President Y.Bhg. Dato' Paduka Engr. Hj. Keizrul Abdullah, attended the luncheon with the Guest of Honour, YB Datuk Patinggi Tan Sri Dr. George Chan Hon Nam, represented by YB Andy Chia. A total of 68 engineers attended the luncheon. The theme of the day was "Building People to Build for People".

#### **21.9.6 Community Outreach / Services**

The Branch is pleased to inform members that Engr. Wee Yiau Hin, Managing Director of Shell Malaysia Exploration and Production Companies had been conferred the Pingat Panglima Setia Bintang Sarawak (PSBS) which carries the title "Dato" by the Governor of Sarawak on 25th October 2008 on the occasion of His Excellency's 87th birthday celebration.

#### **21.10 Kedah/Perlis Branch**

- 21.10.1 Engr. Engr. Hj. Abdullah bin Othman took over the Chairmanship from Engr. Haji Ahmad Zakiyuddin bin Abd Rahman for the 2007/2008 and 2008/2009 session. The membership of the Branch is recorded at 907.

The Branch conducted the following activities for the year 2008:

- 22.2.2008 Half Day Technical Visit to Permis Power Plant, Persiaran Pantai Kuala Sungai Baru, Simpang Empat, Perlis. 40 participants took part in the event.
- 26.2. 2008 One Day Seminar on "Pengurusan Keselamatan Trafik" held at Star City Hotel, Alor Star and attended by 20 members.
- 30.3.2008 One Day seminar on Water Supply Technology and attended by 30 participants. The event was also held at the Star City Hotel, Alor Star
- 17.4.2008 A Half Day Seminar on Lightning Protection System. Attended by 18 participants at the Dewan Seminar, IEM of the Branch office



- 26.5.2008 A One day Seminar on Structure earthquake Analysis and Design with 20 participants also at the Dewan Seminar of IEM Kedah/Perils Branch office.
- 26.6. 2008 One day Seminar on Water Resources with 28 participants in attendance. The event was at the Dewan Seminar of IEM Kedah/Perils Branch office.
- 10.7.2008 Talk on “Route to PEng” at Petronas Fertilizer for staff and graduate and student members. The event was held at the Dewan petronas Fertilizer Gurun, Kedah.
- 19.7.2008 Talk on Route to PEng was held at UNIMAP Perlis for staff and graduate and student members of Unimap held at Dewan Kapital, UNIMAP, Perlis.
- 24.7.2008 Hald Day Technical Visit to Loji Pembersihan Air at Loji Pembersihan Air Pinang Tunggal, Sungai Petani, Kedah at the Loji Pembersihan Air Pinang Tunggal, Sungai Petani, Kedah. The event was attended by 19 participants.
- 14.8.2008 One Day joint Seminar on AB-3P Anti-Bacteria High Impact 3 Layer water Pipe held at Star City Hotel, Alor Star, Kedah and attended by 12 members
- 16.12.2007 A half day seminar on “Latest Advancement in Highway Design/Technical Software – Visualisation” was held at the Emerald Puteri Hotel, Taman Sejati Indah Sungei Petani, Kedah
- 28.8.2008 Talk on Career in Engineeirng at Sekolah Menengah Derma Perlis for its student.
- 14.9.2008 One Day Seminar on Project Management with 19 participants organised at Dewan Seminar of IEM Kedah/Perils Branch office.
- 8.10.2008 One Day seminar on Civil Engineers Human Capital Integrity and Technologies at the Dean Kuliah UiTM, Perlis
- 13-14.10.2008 A Two Day Exhibition was organised for Professional Engineers at AIMST University Bedong, Semeling, Kedah
- 30.10.2008 Half Day Technical Vsit to Electrified Double Track Project – MMC – Gamuda at the site office of MMC-Gamuda in Alor Star and attended by 22 members.

#### 21.11 Terengganu Branch

- 21.11.1 Dato’ Engr.Hj Wan Ngah bin Wan Ali continued as the Chairman of the Branch until 28 January 2009 and his position was taken over by Engr. Rusli bin Embok. The total membership of the Terengganu Branch as at January 2009 was 652. The Branch Secretariat is maintained at Syarikat Air Terengganu Sdn Bhd (SATU), Jalan Sultan Ismail, Kuala Terengganu.
- 21.11.2 During the session, the Nine (9) Committee Meetings were held to manage the Branch affairs.
- 21.11.3 The Branch Chairman or his representative also represented the Branch at the IEM Council Meetings.
- 21.11.4 Various Sub-Committees were set up to look into the activities for the branch members as follows:
  - Professional Development (Training, membership, lady engineer)
  - Welfare and Community Services ( Sports, Technical visit, social )
  - Kerteh Chapter ( IT and publication )
  - Secretariat
- 21.11.4 The Branch has conducted the following activities during the year 2008:
  - 2.1.2008 3rd AGM at Awana Kijal
  - 8.1.2008 SPE Engagement
  - 31.1.2008 IEM/SPE Engagement day at Carigali with a talk on IEM Membership and Route to PEng
  - 8.4.2008 Nature Run, Bukit Labohan, Kerteh
  - 8.4.2008 IEM talk at PETLIN
  - 4.5.2008 2 days BEM Mandatory Course on Code of Ethic at LPT2, Kuala Terengganu
  - 9.5.2008 Visit and donation to childcare center



- 15.5.2008 Beach Clean Up and BBQ, Kemasik
  - 10.7.2008 Bukit Bauk Nature Hike
  - 13.7.2008 Career Talk at SMS Dungun
  - 7.8.2008 Visit and briefing by The Institute of Materials Malaysia.
  - 4.8.2008 2 days BEM Mandatory course on Engineering Management. Practice, JKR, Wisma Negeri. Kuala Terengganu
  - 19.10.2008 Membership Drive and Majlis Sambutan Aidulfitri, LPT2
  - 19.10.2008 IEM Branch's Website Launching, LPT2
  - 3.11.2008 IEM-IMM Corrosion Control Seminar
  - 4-5.11.2008 Inter-Profession Games: Engineers Vs Others
  - 9.11.2008 2 days BEM Mandatory course on Eng Management Practice
  - 9.11.2008 Donation of school bags and shoes to poor school children
  - 27.12.2008 Technical Talk on Application of Water Balloon for Fow Plugging Operation in Large Diameter Gravity Sewer
  - 27.12.2008 4th Branch's Annual General Meeting, Permai Inn, Kuala Terengganu
  - 27.12.2008 Branch's Bowling competition, Stadium Terengganu
- 21.11.5 The Branch continues to arrange Professional Interviews for aspirant applicants desiring for Corporate Membership.

#### **21.12 Graduate and Student Section**

- 21.12.1 Sdr. Roland Ngeow Yen Wan took over the Chairmanship of the G/S Section from Engr. Yau Chau Fong for the 2008/2009 session. The 38th Annual General Meeting of the Section was held on 28 June 2008. A Forum on Engineering In Our Nation was organised prior to the AGM. Prominent IEM members were invited as panelists of this Forum. Some of these engineers were Engr Dr Gue See Sew, Past President of IEM, Dato Engr. Donald Lim Siang Chai. Ex Deputy Minister of Tourism and Ex Deputy Minister of Information, Dato Engr Prof Dr Chuah Hean Teik, Deputy President of IEM and other engineers and entrepreneurs.
- 21.12.2 The Section is now operating under the trading name of YES (Young Engineers Section or alternatively Young Engineering Students) as a form of branding the G/S Section.
- 21.12.3 Throughout the year the Section organised road shows at various the IEM Branches to encourage students and engineers to join the IEM. The Section continued with membership drives conducted together with the IEM Sub-Committee For Membership Drives at local IHLs both in Klang Valley and at IEM Branches.
- 21.12.4 The G/S Annual Charity Dinner & Dance of the Section was held at the Crystal Crown Hotel, Petaling Jaya on 27 September 2008. Engr. Assoc Prof Dr Jeffrey Chiang Choong Luin was the Guest of Honour for the night. There were 300 members and guests at the event.
- 21.12.5 Similar to previous years, the Section continued to organise brainstorming retreats, community services, social gatherings to welcome new members. Other subcommittees such as Professional Development. Publicity, GS Dot Com, Student Affairs and External Affairs continued with its regular activities.
- 21.12.6 **Professional Development – Technical Skills Portfolio**

The Section's Professional Development – Technical Skills portfolio continued to be very vigorous in organising courses for young engineers. The Section had also co-organised various joint activities with the various technical divisions. These activities were highlighted in the summary of events in this Annual Report. The Section is also organising a series of courses on "Understanding Construction Contracts" by Engr. Oon Chee Kheng at various Branches.

#### **21.12.7 Professional Development – Soft Skills Portfolio**

The G&S-YES Section always encourage improvement in soft skills among members. The Section organised the following workshop and talks :-

- 1) One day Workshop on "Write Like a Professional" "Effective Business Writing Skills" by Dr. Alistair King
- 2) "Effective Communication Skill – "Speechcraft Program 2008" by 7 renowned speakers.



- 3) "Kick the Habits- Ciggy Kill" by Miss Jennifer Tan
- 4) Course on Autodesk Electrical 2007 by Patrick Teo Hiu Hong
- 5) Talk on "Introduction to LiDar and its Engineering and Other Applications" by Engr. Trudy Ganendra and Engr. Nasaruddin bin Mahmood.

21.12.8 **Social and Community Portfolio**

The G&S-YES Section always continue to organize social gatherings and fellowship events i.e "Young Engineers Nite 2008" held on 25th January 2008 at Outpost Cineleisure, K. Lumpur; Fellowship Nite" at Cineleisure, technical visit to the Tuanku Jaafar Power Station in Port Dickson, IEM G&S-YES Fellowship Nite 2008 on 22nd August 2008 at Kaki Corner, Cheras, Kuala Lumpur and some friendly sporting games.

The Section also continued to carry out community services projects and looked into minor repairs at some of the orphanage and homes. Community Services Project were with Rumah Penyayang Raudhah and donation made to the Orang Asli Settlement. "A Day Out In Zoo Negara" was organised for children of Rumah Solehah Or Stepping Stones Homes on 20th April 2008

21.12.9 **External Affair Portfolio**  
*Branch Liaison*

The G&S-YES in Headquarter, KL (HQ) continue its' liaison with the G&S-YES Branches in other states to improve relationship and exchange ideas with the branch's G&S-YES Section. The G&S-YES Penan Branch successfully held the second National Young Engineers Summit – The Inter Branch Meet from 29th August to 1st September 2008 in Penang. YES representatives from various Branches were at the event.

YES also participated in the IEM/IES Meet 2008 hosted by the Young Engineers of IES in Singapore from 12th –14th July 2008. The Committee also participated in the National Engineering Linkage II (Englink II) at the University Malaysia Pahang (UMP) from 18-20 July 2008.

21.12.10 **Student Affairs Portfolio**

On matters relating to student affairs, the G&S-YES Section continue to be actively involved in various projects in local universities through the Student Representatives Council (SRC). Several membership drives were organized at Monash University, UNITEN, UIA, UMP, UM, Nottingham University and UPM.

G&S-YES Committees also participated and supported activities organised by the University Malaya eg the 27th Engineering Society €™s Study Scheme (ESOSS-27), a research and development study. The Section organised an exhibition based on a research topic that is Renewable Energy: Fuel Cell during this EDMAT event of Universiti Malaya, from 22nd -23rd February 2008 at Auditorium Kompleks Perdanasiswa, Universiti Malaya

21.12.11 **IEM G&S-YES's Student Representative Council (SRC) Master Plan Review Workshop 2009**

IEM G&S-YES's Student Representative Council (SRC) Master Plan Review Workshop was to be planned. This is an intervarsity activity which gathers engineering student society's representatives from universities all around Malaysia. The main objective of this master plan review workshop is to engage student representative of each engineering society in open discussion on future role of IEM Student Representative Council and interaction with students

For the year under review, the Student Representative Council Leadership Camp for 2009 was held on 16th –18th January 2009) organised by the MMU Melaka. Approximately 30 participants will be attending from 10 universities. Each participant paid a nominal fee of RM30 for their participation in the event.

21.12.12 **IEM Toastmaster Club**

The Section had set up the Toastmaster Club that runs its monthly Activities on every Wednesday of the month at the IEM premises.

21.12.13 **Publicity Portfolio**

G&S-YES Section continue to promote and update their blog (theiemgns.blogspot.com) for members to post the latest G&S-YES news and a chat box. The G&S-YES Blog contained informed of the activities conducted or organised by the G&S-YES Section. The portfolio kept members informed of the G&S-YES activities through their e-mail group "iemyes\_announce".

In addition to the "G&S-YES Blog" and the "iemyes\_announce", electronic news announcement, the current G&S-YES activities, organization chart and updates of information related to young engineers was 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 such as YES brochure, YES T-Shirts, car stickers, YES buntings and banners as well as the new introduction CD of YES which were available for purchase by all IEM members. As a form of rebranding the Committee members were given the YES t-shirts.



21.12.14 **G&S-G&S-YES Annual 2008**

The G&S-YES Publicity portfolio continued to produce the years G&S-YES Annual 2008. The G&S-YES Annual contained 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.

21.12.15 **The 15th Young Engineers of ASEAN Federation of Engineering Organizations (YEAFO) Conference**

The IEM G&S-YES again participated in the 15th Young Engineers of ASEAN Federation of Engineering Organizations (YEAFO) Conference which was held from 26th – 29th November 2008 at the Sofitel Centara Grand Bangkok, Thailand. The Conference was hosted by the Young Engineers of Thailand (EIT).

21.12.16 **YES Awards**

The Section also identify the outstanding engineers in term of contribution for the G&S Awards. The YES gives out the following awards each year

- Best G&S Member
- Best Co-opted Member
- Best Graduate Volunteer
- Best G&S Student Volunteer
- Best Student Society

**22 TECHNICAL DIVISIONS**

**22.1 Building Services Technical Division**

22.1.1 Engr. Gary Lim Eng Hwa, was re-elected once again for the third and final session as the Chairman of the Division at its last meeting of the session held on 3 July 2008. Engr. Pang Chen Faut was elected as the Deputy Chairman also at the said meeting. The 22nd Annual General Meeting of the Division on 23 August 2008.

22.1.2 The Chairman and members of this Division also continued to play an active role in organising the IEM Annual Golf Competition for the year 2008.. The activities organised by the Division is summarised in the summary sheet of this Annual Report.

22.1.3 This Division continues to maintain a leading role on promoting closer interaction and co-operation amongst the various professional groups such as governmental agencies, professional bodies, academic institution and universities by serving as Committee members in these organisations.

22.1.4 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 closer rapport with MASHRAE, the local counterpart of American Society of Heating, Refrigeration and Air-Conditioning Engineering Engineers, UK in organising joint activities for members. Numerous write-ups on evening talks/seminars were also published in the IEM Bulletin for the benefits of members who were unable to attend.

22.1.5 This Division had decided previously not to arrange for refreshment to be served prior to the evening talks. The Division was of the view that members attending talks were more concern with the quality of the talk rather than coming to the Institution for the meal. This stand was still maintained by the Division Committee.

**22.2 Chemical Engineering Technical Division**

22.2.1 The 22nd Annual General Meeting of the Division was held on 20th September 2008. Engr. Dr. Ramlee Karim was unanimously elected as the Chairman for the 2008/2009 session with Engr. Tunai Shamsidi as the Deputy Chairman. A total of 51 members were present at the 22nd AGM while a total of 74 participants attended the talk on "Clean Development Mechanism (CDM): Benefit for Green House Gas Reduction Initiative in Developing Countries" presented by Ir. Thayananthan Balakrishnan prior to the AGM.

22.2.2 Regular monthly meetings were held at Bangunan Ingenieur and the Division continues to be active in the activities of the APCChE and Prof. Engr. Dr. Mohd Ali Hashim attended the 12th APCChE Executive Board Meeting in Dalian, China from 4th -6th August 2008.

22.2.3 The total number of members registered with the Division for the session 2007/2008 was 232.

22.2.4 The activities of the Division were tabulated in chronological order in the Summary sheets of the Annual Report.

22.4.5 The Division continues to be active in the activities of the 4th Malaysian Chem-E-Car Competition 2009 which will be held on 4th – 5th March 2009 at Universiti Kuala Lumpur Malaysian Institute of Chemical & Bioengineering Technology, Alor Gajah, Melaka.



### 22.3 Civil and Structural Engineering Technical Division

- 22.3.1 Engr. Tu Yong Eng was elected as the Chairman and Engr. Teoh Teik Seng as the Deputy Chairman respectively for the 2008/2009 session during the 22nd Annual General Meeting held on 26th July 2008.
- 22.3.2 The 22nd Annual General Meeting of the Division was attended by 69 members. A talk was arranged in conjunction with the AGM on 26th July 2008. The speaker, Engr. Dr Sooi Took Kwong presented a talk on "Impact of the Euro Code 1993 on The Malaysian Steel Construction Industry" to 109 participants.
- 22.3.3 The Division was the 2nd runners up in the Presidential Award of Excellence for the year 2007. The presentation was made at the Annual Dinner on 19th April 2008.
- 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 is co-organizing the CONCET2009 conference with its partners, UiTM (the current host) and UM, the details of which are listed in the summary sheet of this Annual Report.
- 22.3.6 The Division also proceeded with its role in preparing the Standard Writing for SIRIM on Concrete and Steel Structures.
- 22.3.7 The Division continued to represent IEM at various Technical Committees of DSM, SIRIM, CIDB as well as related ministries and agencies.
- 22.3.8 The Committee members of this Division continued to submit articles and reports for publication in IEM Bulletin.
- 22.3.9 The Division continued to donate books to the IEM library, and also most significantly pledged to donate a portion of revenues received from its coming seminars/courses, to IEM Building Fund, to an accumulated sum of RM50001.
- 22.3.10 The Division is actively involved in the drafting of the Eurocodes 2 & 3 and has obtained grants from CIDB. The Division is also involved in editing Eurocodes 0 and 1 as well as preparing technical guidelines on seismic design.
- 22.3.11 Five of the Committee members of the Division, namely Engr. Tu Yong Eng, Engr. David Ng, Engr. MC Hee, Engr. Prof. Dr. Mohd Zamin and Engr. Assoc Prof Dr. Chiang, also served as Council Members of IEM.

### 22.4 Electrical Engineering Technical Division

- 22.4.1 The 23rd Annual General Meeting of the Technical Division was held on 24th May 2008 (Saturday) at 11.00 a.m. at the IEM Conference Hall, 2nd Floor, Bangunan Ingenieur, Petaling Jaya.  
  
The AGM was held in conjunction with a presentation and dialogue by Engr. Mah Soo on the topics of "The Role of Electrical Engineers on the Concerns of Global Climatic Change." The dialogue was attended by 16 participants. The response was poor due to the school holiday break.
- 22.4.2 Engr. Mah Soo, took over the Division's Chairmanship from Engr. Yusouf Ahmad, who was subsequently appointed as Advisor of the Division. Engr. Lee Kok Chong, was appointed as the Deputy Chairman of the Division.
- 22.4.3 There are 9 regular monthly meetings was held in 2008 with other 2 special meeting to discuss on the Tan Sri Engr. Raja Zainal Lecture in February 2008 and 1 meeting on Sub-Committee on the Working Group of the Brainstorming on guidelines and other functions organised by Division
- 22.4.4 The Committee members of this Division also represented IEM at numerous meetings organised by other government and professional bodies sector.
- 22.4.5 The Division continues to organise various activities such as 2 talks, 1 visit, 11 seminars. The proceeding notes and other reading materials was also been forwarded to the Institution Library to keep as guidance and view by members and researcher. Details were highlighted in the summary sheets of this Annual Report.
- 22.4.6 Engr. Yusouf Ahmad, is also a Council member serving in the capacity of an Electrical Representative in the IEM Council.
- 22.4.7 Engr. Mah Soo, served as the Chief and Bulletin Editor until April 2008. The Committee of the Division continue to contribute 13 editorial, reports and for the IEM JURUTERA. The Division special issue on Energy and Power was published in the July 2008 issue of the JURUTERA. The Division had also donated 4 new books to the Institution library.
- 22.4.8 The Division had been active in the organising of Activities and was at fifth placing in the Presidential Award of Excellence for year 2008. The presentation was made at the 49th IEM Annual Dinner and Awards Night at the Selangor Ballroom, Sheraton Hotel and Tower, Subang, on 19th April 2008.



## 22.5 Environmental Engineering Technical Division

Engr. Khew Swee Lian was elected as the Chairman and Engr. Choo Chee Ming as the Deputy Chairman respectively for the 2008/2009 session during the 16th Annual General Meeting held on 26th April 2008.

- 22.5.1 The 16th Annual General Meeting of the Division was attended by 72 members. A talk was arranged in conjunction with the AGM on 26th April 2008. The speaker, Dato' Paduka Puteh Kamariah presented at talk on "Built Environment" to 92 participants.
- 22.5.2 The Division organised the Brownfield Asia Conference 2008 from 21st – 23rd October 2008 which was attended by 96 participants and also organized a Pre-Conference Workshop on 20th October 2008 which was attended by 45 participants.
- 22.5.3 The Division managed to organise 4 technical talks, one seminar, one workshop and one site visit for the year 2008. The details are listed in the summary sheet of this Annual Report.
- 22.5.4 The Technical 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 Engr. Yee Yew Weng, continued as the Chairman of the Division for the third and final session with Engr. Lee Eng Choy as the Deputy Chairman. The election was conducted at the 11th meeting of the Division which is the last meeting of the session held on 12th May 2008. The 19th Annual General Meeting of the Division was held on 28th June 2008.
- 22.6.2 Regular monthly meetings were organised during the session normally on the 1st Monday of each in the evening at 5.30pm.
- 22.6.3 The activities of the Division are highlighted in the summary sheet of this Annual Report.
- 22.6.4 The Division continues to be active in organising series of courses and seminars.
- 22.6.5 This year, the Division hosted a group of delegates from Hong Kong Institution of Engineers, Geotechnical Division in Malaysia. 30 engineers were led by the HKIE Geotechnical Division Chairman, Engr. Prof Tham Leslie George. A joint half day seminar on "Landslide and Debris Flow Risk Management – Hong Kong Experience" was held on 1 November 2008 with some of the speakers from the delegation presenting papers at this event. The delegates also made a stop at Penang Island and visited some of the sites. Geotechnical Engineering Technical Division of the IEM hosted dinner for the delegates at the Seri Melayu Restarant.
- 22.6.6 The Division continues to identify and donate technical journals and literatures relevant to geotechnical engineering to IEM library for the benefit of all IEM members from surplus collected from courses and seminars conducted during the session.
- 22.6.7 The Division also supported 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 Engr. Assoc. Prof. Adnan Zulkiple, MIEM, P.Eng continued as the Chairman and Engr. Gunasagran Kristnan, MIEM, P.Eng continued as the Deputy Chairman of the Division for another session at the 17th Annual General Meeting held on 11th October 2008.
- 22.7.2 The 17th Annual General Meeting of the Division was attended by 61 members. A talk was arranged in conjunction with the AGM on 11th October 2008. The speaker, Professor Dr. Nor Ghani Md Nor, presented at talk on "Transportation Infrastructure Projects Viability Studies: Past, Present and Future" to 106 participants.
- 22.7.3 The Division has managed to organise and jointly organise various activities such as courses, seminar, talks and visits with outside bodies. The Committee Members of the Division also serve on numerous working groups, technical committee and experts to various outside organizations. The activities of the Division are highlighted in the summary sheet of this Annual Report.
- 22.7.4 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.

## 22.8 Mechanical Engineering Technical Division

- 22.8.1 Engr. Lum Youk Lee was re-elected as the Chairman with Engr. Cheong Thiam Fook as the Deputy Chairman and Engr. Luk Chau Beng as the Advisor of the Technical Division for the Session 2008 / 2009 during the 209th Meeting held on 26th September 2008.



- 22.8.2 The 23rd Annual General Meeting was held on 18th October 2008 and attended by 63 members. The talk on “Plastic in Construction – is it Fire Hazard and Can It be Protected” presented by Engr. Loo Chee Kin was held prior to the AGM and attended by 86 members.
- 22.8.3 The Division continued to play its active and vital role to serve the members of the IEM. The Division was awarded the Best Technical Division in the Presidential Award 2007.
- 22.8.4 The activities of this Technical Division are also summarised in the summary sheets of the Annual report for information.
- 22.8.5 With close rapport with SIRIM, Energy Commission, DOSH, Gas Malaysia, Pembangunan Sumber Manusia Bhd and Pusat Tenaga Malaysia, the Division organised activities with support from these organisations for the benefits of its members.
- 22.8.6 The METD Leadership Retreat and Mid Year Review Session was held on 31st May 2008 at Era Hotel, Bahau, Negeri Sembilan. During this retreat, 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.
- 22.8.7 During the year, the Committee was active in organising talk, courses and visits. In this financial year, the Division had planned to expand such activities to other IEM Branches and local universities.
- 22.8.8 Three of the Committee members of the Division, namely Engr. Noor Hisham bin Yahaya, Engr. Luk Chau Beng and Engr. Dr. Philip Tan Ah Kow, also served as Council Members of IEM. The Division also actively participated in external programmes and activities with both non government organisations and government departments such as SIRIM, Energy Commission, Pusat Tenaga Malaysia, Department of Occupational Safety and Health, Gas Malaysia, Pembangunan Sumber Manusia Bhd etc.
- 22.8.9 The Division also actively participated in external programmes and activities with both non government organisation and government department such as SIRIM, Energy Commission, Pusat Tenaga Malaysia, Department of Occupational Safety and Health, Gas Malaysia, Board of Engineers, Malaysia, Lembaga Akreditasi Negara etc.
- 22.8.10 The detailed list of activities of the Mechanical Engineering Technical Division were also summarised in the summary sheets for information

## **22.9 Oil, Gas and Mining Technical Division**

- 22.9.1 The 18th Annual General Meeting of the Technical Division was held on 22nd November 2008 at IEM Conference Hall Petaling Jaya. A total of 70 members attended the AGM, which was organised in conjunction with a talk on “The Bowtie Technique – Simple but Effective Approach to Hazard Analysis in Oil & Gas Industry” by En. Syed Zaidul Hamzah. The talk was attended by 98 Members.
- 22.9.2 Engr. Muhamad Apandi Osman continued as the Chairman of the Technical Division for the second consecutive session. He was re-elected at the 159th meeting held on 21st October 2008 and Engr. Al-Khairi Mohd Daud, MIEM, PEng was also elected as the Deputy Chairman of this Technical Division at the said meeting.
- 22.9.3 The Division was the “Most Improved Technical Division” in the Presidential Award of Excellence for year 2008. The Presentation was made at the IEM Annual Dinner.
- 22.9.4 The Committee members of the Technical Division continued to contribute articles and reports for publication in IEM Bulletin. The Division continues to organise various talks, visits, courses and seminars, the details of which are listed in the summary sheet of this Annual Report.
- 22.9.5 The Committee members of the Technical Division continued to contribute articles and reports for the IEM Publication.

## **22.10 Manufacturing Engineering Technical Council Pka Production and Manufacturing Engineering Technical Division**

- 22.10.1 The 17th Annual General Meeting was held on 9th August 2008 and Engr. Jagathisen s/o Siva Perumal, was elected as the Chairman of the Technical Division for the session 2008/2009. Engr. Lai Ah Ying was also elected as the Deputy Chairman of this Technical Division at the said meeting.
- 22.10.2 A talk on “The Future of Automotive Technology” was arranged prior to the Annual General Meeting. The talk was presented by Mr Diexter Lim from Virtual Tech and attended by 32 members. These members also stayed on and attended the 17th Annual General Meeting.
- 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 21st Annual General Meeting of the Division was held on 14th June 2008 and Engr. Prof. Madya Dr Aminuddin bin Mohd Baki continued as the Chairman for the 2008/2009 session with Engr. Chong Sun Fatt as the Deputy Chairman. A total of 51 members were present. As in previous years, the Annual 10th IEM Water Colloquium was held prior to the AGM and a total of 65 members participated in this tenth colloquium organized by the Division.

22.11.2 The Committee members of the Division also continue to serve as IEM representatives at various outside organisations such as MSMA, SIRIM, JPS and many others by offering their contribution

22.11.3 The Committee members continue to submit papers and articles in various publications.

22.11.4 The summary of activities of this Division organised for the session is also tabulated in the enclosed summary sheet of this Annual Report.

22.11.5 The total number of members registered with the Division for the Session 2007/2008 was 728.

#### **22.12 Engineering Education Technical Division**

22.12.1 At the 12th Annual General Meeting of the Division was held on 12th July 2008 Engr. Assoc. Prof. Dr. Lariyah Mohd Sidek was unanimously elected as the Chairperson of the Division for the session 2008/2009. A total of 34 members were present at the 12th AGM.

A talk on "Next Generation Engineers" presented by Engr. Dr. Faris Tarlochan was conducted prior to the AGM and a total of 37 participants attended for the talk.

22.12.2 The 11th Annual General Meeting of the Division was held on 11 August 2007. 64 members attended the meeting.

A Forum on Engineers of the Future – from the Prospective of Industry with panelists namely Engr. Khairiah bt Salleh from Kuala Lumpur International Airport (KLIA), Dr Michael King of UEM Builders and Prof. Chris Chatwin of University of Sussex, UK was held in conjunction with the AGM and was attended by 91 members.

22.12.3 A Strategic Planning Workshop was successfully held from 6th - 7th December 2008 at Tropical Colmar Square, Bukit Tinggi to look into the following:-

- Strategy to improve the Division's standing in the Presidential Awards of Excellence
- Strategic Planning for activities in the next three years (2008-2011)
- Strategy to improve service to members, provide service to community and society, and improve communications

The Committee listed activities such as colloquium, talks/visits, training courses, research study and dissemination, database collection, formation of relevant academics initiatives or bodies be organised. The details on the strategic planning outcomes will be looked into during this session.

22.12.4 The Division continues to maintain close rapport with local public and private universities. Students and Lecturers from universities and colleges were invited to attend talks organised by the Division.

22.12.5 The activities of the Division are tabulated in chronological order in the Summary sheets of the Annual Report.

22.12.6 The total number of members registered with the Division for the Session 2007/2008 is now at 226.

#### **22.13 IEM Information Technology Special Interest Group**

22.13.1 Engr. Abdul Fattah bin Yatim, was re-elected to continue as Chairman of the Technical Division with Engr. Tejinder Singh as his Deputy Chairman for the third consecutive Session. Both the positions were elected at the 109th meeting held on 8 January 2008.

22.13.2 The 9th Annual General Meeting of the Special Interest Group of IEM was held on 22 March 2008 while the 10th Annual General Meeting is being planned on 14 March 2009.

22.13.3 The Special Interest Group is currently look into the revamping of IT facilities at the IEM Secretariat and its ICT Master Plan.

22.13.4 The monthly activities of the Group are also highlighted in the summary sheet of this Annual Report.

#### **22.14 Agricultural and Food Engineering Technical Division**

22.14.1 The 9th Annual General Meeting was held on 10th January 2008 for the session of 2007/2008. The Chairman then was Engr. Dr. Lee Teang Shui.



As for the Session 2008/2009, the 10th Annual General Meeting was organised on 24th January 2009. The Chairman for the Session 2008/2009 is Engr. Kumar Subramaniam with Engr. Ayob bin Sukra as the Deputy Chairman for the said session.

22.14.2 A few activities were organised with the events mainly conducted at UPM, Serdang, as most of the Committee Members and those interested in the activities were staying near the vicinity. Moreover the Division organized most of its activities with the assistance and support from UPM and occasionally from MARDI

22.14.3 The record of other activities is captured in the summary sheets of the Annual Report.

#### **22.15 Tunnelling and Underground Space Engineering Technical Division**

22.15.1 The 8th Annual General Meeting was held on 3rd May 2008 and attended by 25 members. Engr. Dr. Ooi Teik Aun, continued as the Division Chairman for the session 2008/2009 with Engr. Neo Boon Khen, as the Deputy Chairman of the Division.

22.15.2 The AGM was arranged after the Half Day Seminar on "Pipeline Rehabilitation Design and Application" by Mr. Tang Chua Boon from Sam Lain Equipment Services P/L, Singapore.

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 Tunnelling 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 in March 2011. This Conference will be held in the week of March 2011 as to coincide with the ITA (International Tunnelling Association) meeting which will be held in Kuala Lumpur.

22.15.8 A site visit to Austria and Switzerland was held form 23rd – 26th April 2008 of which IEM President, Y.Bhg Dato Paduka Hj Keizrul bin Abdullah presented Keynote paper for COSUF workshop in Graz, Austria titled "Safety and Security for Railway and Metro Tunnels in Malaysia".

#### **22.16 Project Management Technical Division**

22.16.1 Dato' Engr. First Admiral Hj.(Rtd) Ahmad Murad bin Hj Omar was elected as the Chairman of the Division for the session 2008/2009 and Engr. Lee Boon Chong the Deputy Chairman. The position of Chairman and Deputy Chairman was elected at the 9th meeting of the Division held on 31 May 2008.

22.16.2 The Division held its 4th Annual General Meeting on 21st June 2008. A total of 120 members attended the AGM. Prior to that, 126 members attended the talk on "From Quality Management to Project learning Critical Points for Success in Construction" by Prof. Hamzah Abd Rahman.

22.16.3 The Division also organised and International Conference (ICOPM) with co-operation from the Department of Built Environment, University Malaya (UM) and was held from 18th – 20th November 2008 at PJ Hilton with 38 participants; whereby, domestically 17 presenters and internationally 9 presenters.

22.16.4 The activities of the Technical Division are as printed summary sheet of this Annual report.

22.16.5 The Committee members have been active in organising evening talks and courses for the year.

#### **22.17 Electronic Engineering Technical Division**

22.17.1 The Division was form when 50 members petitioned to the IEM Council for consideration to set up a Division to look into the interest of the Electronic Engineers. The Division was therefore established at the 365th Council meeting held on 19 January 2009.

Council also accepted the proposal to set up the Technical Division in Penang and this is the first Technical Division to be set up outside the domain of the Head Office.

22.17.2 The Inaugural General meeting was arranged on 13 December 2008 in Penang and the Protem Committee was set up to look into the organizing of the 1st Annual General Meeting.

22.17.3 Engr. Dr Tan Kim Har was elected the Protem Chairman with Engr. Dr Cheong Kwan Yew as the Protem Deputy Chairman and Engr. Dr Mui Kai Yin as the Protem Secretary cum Treasurer. All Committee members were from the IEM Penang Branch.

22.17.4 The Protem Committee is entrusted with the duty of preparing the Rules of the Technical Division and to set up the objectives of the Division as well.

22.17.5 The Committee had submitted a request for some budget to run activities of the Technical Division in Penang.



**23 MANAGEMENT REVIEW COMMITTEE**

23.1 This ISO Committee chaired by the President, Y. Bhg Dato' Paduka Hj Keizrul bin Abdullah, comprises of all Excomm Committee members. Three meetings were held for the session 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 organize continuing education courses for the benefits of engineers in particular IEM members.

24.2 IEM Training Centre Sdn. Bhd. was appointed by the Management Committee of the Professor Chin Fung Kee Memorial Fund to organize and manage the 18th Professor Chin Fung Kee Memorial Lecture entitled "The Search For NEWater: The Singapore Story" held on Saturday, 18th October 2008 at 1.30 pm. at the Ballroom 1, Sheraton Subang Hotel & Tower, Subang Jaya, Selangor Darul Ehsan. The lecture was delivered by Mr. Lee Ek Tieng, Chairman of GIC Asset Management Pte. Ltd., Singapore.

24.3 The 18th Lecture was special as it was organised in conjunction with the Golden Anniversary Celebration of the founding of the Faculty of Engineering, University of Malaya in Kuala Lumpur. A Commemorative Volume of the Professor Chin Fung Kee Memorial Series from 1991 to 2008, including his Life Contributions and Selected Publications was published and given as complimentary copy to the 240 participants.

24.4 IEM Training Centre Sdn. Bhd. was also appointed by the Organising Committee of the Brownfield Asia 2008 to manage the exhibition to be held on 21st - 23rd October 2008.

**24.5 Courses**

During the financial year ended 31st December 2008, the company successfully organized a total of 61 IEM and BEM courses.

**24.6 IEM Courses**

A total of 18 courses were organized.

The breakdown on the courses for various disciplines are as follows:

<u>Discipline</u>	<u>No. of courses</u>
1. Civil / Structural	7
2. Electrical	3
2. Contract Management	6
3. Geotechnical	2

Out of the 18 courses, 2 were held in Penang, 3 in Kuching, 3 in Kota Kinabalu, 2 in Johor Bahru, 2 in Miri and 1 in Sibul and 1 in Dungun. The total number of participants for the courses were 655.

Out of the 18 courses, 2 were held in Penang, 3 in Kuching, 3 in Kota Kinabalu, 2 in Johor Bahru, 2 in Miri and 1 in Sibul and 1 in Dungun. The total number of participants for the courses were 655.

**24.7 BEM Courses**

A total of 43 BEM courses were organized, out of which 3 were held in Kuching, 4 in Kota Kinabalu, 2 in Penang, 1 in Miri, 1 in Kemaman, 1 in Johor Bahru and 2 in Kuala Terengganu. The total number of participants for the courses were 1317.

**24.8 In-house Courses**

In-house courses will organized and conducted for Royal Malaysian Navy, Universiti KL, Universiti Malaysia Pahang and Jabatan Penyelamat dan Bomba.

**24.9 Financial Year**

Total income for the financial year ended 31st December 2008 was RM1,021,017.33 and total expenditure was RM884,193.20. For the year's operation, the company recorded a pre-tax profit of RM136,824.13.

Y.Bhg. Dato' Paduka Engr. Hj Keizrul bin Abdullah FIEM, PEng  
President, IEM



EVENT	ORGANISED BY / SUPPORTED BY	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
<b>2008</b>							
7 - 8 January	B Services	MASHRAE	Course	The Fundamentals of HVAC & R Series: Fundamentals of Electrical Systems and Building Electrical Energy Use	Armada Hotel, P.Jaya	Engr. Mah Soo	67
15 January	Mechanical		Talk	Machine Design for Link Bridge	IEM	Ir. Hsiung Teck Pin	60
16 January	Geotechnical		Talk	Limestone Hills, Rockfalls and the Developers	IEM	Engr. Tan Boon Kong	98
19 January	Agri & Food		Talk	Good Manufacturing Practices (GMPs)	IEM	Ms Kristin Chin Mei Ling	101
19 January	Agri & Food		Talk	9th Annual General Meeting	IEM		65
25 January	G & S Section		Social	Young Engineers' Nite 2008	Outpost, Cineleisure, K Lumpur		100
29 January	Electrical		Seminar	One Day Seminar on Practical Solutions to Voltage Sags	IEM	Engr. Mohamed Fuad bin Faisal	41
30 January	Electrical		Visit	Technical Visit to Petronas Twin Towers	K. Lumpur		25
18 February	Electrical		Seminar	One Day Seminar on Simulation Systems Part 1: An Electronics Cooling Simulations Part 2: Air Flow And Temperature Simulations Using CFD	IEM	Dr Luo Cheng	cancelled
19 February	Agri & Food		Talk	Current and Future Challenges in Hydrology in Tropical Regions	IEM	Prof Stefan Uhlenbrook	80
20 February	Environmental		Talk	Do You want to become an Environmental Consultant	IEM	Engr. Dr G. Balamurugan	64
21 February	G & S Section		Talk	The Evolution of Mobile Communications: OG to 4G	IEM	Mr Kwong Chiew Foong	29
22 February	Engr. Education		Talk	Fiber Reinforced Polymer Composite Material: The Material for the Future ?	IEM	Dr Faris Tarlochan	78
20-22 February	G & S Section		Course	3 Day Course on Autodesk Electrical 2007	iGENTECH Sdn Bhd, P. Jaya	En. Patrick Teo Hiu Hong	postponed
25 February	B. Services		Talk	Fire Pumps for Building Services	IEM	Ir. Cha Hoong Kum	77
26 February	Electrical		Seminar	One Day Seminar on Medium Voltage Capacitor Bank Design	IEM	Engr. Mohamed Fuad bin Faisal	86
26-27 February	Project Management		Course	3-Day Course on Essentials of Project Management - Theory and Practice	Sunway Resort Hotel, Subang Jaya	Engr. Frankie Chong	38
28 February	Project Management		Course	Basic Microsoft Project Tools Practical	Cosmopoint, Crystal Plaza, P. Jaya	Engr. Frankie Chong	19
28 February	Oil, Gas and Mining		Talk	Developing a Systematic Approach to Mechanical Completion Executive in Oil and Gas Industry	IEM	Ir. Roslin Ramli	56
4 March	Chemical		Talk	What if Engineering Control not Feasible ? " Personal Protective Equipment (PPE) ?"	IEM	Ir. Kim Kek Seong	40



EVENT	ORGANISED BY / SUPPORTED BY	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
4 March	Civil & Struct		Talk	IStructE Chartered Membership Examinations	Armada Hotel, P.Jaya	Dr Law Kok Sang and Ir. Dr Chiew Sing Ping	45
5 March	Mechanical		Course	Half Day Course on The Realities and Myths of Total Quality Management in Construction Industry	IEM	Engr. Dr Chong Chien Fatt	21
6 March	Oil, Gas & Mining		Talk	Career abd Opportunities in the Mineral and Quarrying Industries	IEM	Engr. Look Keman bin Sahari and Engr. Nurul Huda bin Romli	38
7 March	B. Services	MASHRAE	Seminar	Half Day Seminar on "New Technologies for Energy Saving with Central Air Handling Unit"	IEM	Mr. Henry Moehnie	38
8 March	Geotechnical		Talk	In-situ Bioremediation of Chlorinated Solvents: Concepts and Case Studies	IEM	Prof Mark Dyer, Mr. Michael McNamara	33
9 -10 March	Chemical		Visit	Technical Visit to Process Plant Ban Heng Bee Rice Mill Sdn Bhd, Petronas Fertilizer Kedah Sdn Bhd and Malayan Sugar Manufacturing Co Bhd	Alor Setar, Kedah		33
10 March	Electrical		Seminar	One Day Seminar on Simulation Systems Part 3: Air Flow Simulations for Building Applications Part 4: CAD-Centrix Electronics Cooling Simulation	IEM	Dr Luo Cheng	17
13 March	Oil, Gas, & Mining		Talk	Sterile Air Distributor for Operating Theatre Ceiling	IEM	Ir. Al- Khairi Mohd Daud	46
14-15 March	B. Services		Course	Claims and Dispsutes in Engineering /Construction Contracts: Nature, Principles, Practice Resolution.	Armada Hotel, P.Jaya	Engr. Harbans Singh KS	55
14 March	B Services		Talk	Induce Jet Pan (Ductless) for Car Park Ventilation System	IEM	Mr Teoh Kee Hin	70
15 March	G & S Section		Talk	"Kick the Habit - Ciggy Kills?"	MPS Building, K. Lumpur	Miss Jennifer Tan	8
15 March	High & Trans		Talk	Mechanistic Design of Flexible Pavements: An Overview	IEM	Engr. Ahmad Kamil bin Arshad	67
17-22 March	Welfare		Activity	Engineering Week 2008	Nationwide		49
17 March	Mechanical		Visit	Technical Visit to Star Cruise, View Link Bridge	Port Klang		32
18 March	Mechanical		Course	Half Day Couese on Fanning Tuesday	Finnegans Irish Restaurants, Mid Valley, K. Lumpur	Mr. Teoh Kee Hin	42
18 March	Tunnelling		Talk	Tunnelling Practices in Malaysia Using NATM	ISM Seminar Hall ,IEM	Dato Puspanadan, DPTJ	95
18 March	Electrical		Seminar	One Day Seminar on Data Centre Solution, Power and Cooling Systems	Park Royal Hotel, K. Lumpur	Mr Peter Wong	42
18-19 March	Engr. Education		Seminar	1 1/2 Seminar on Submission to Authorities Made Simple	Equatorial Hotel, Bangi	Various Presenters	139



EVENT	ORGANISED BY / SUPPORTED BY	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
19 March	Welfare	Lady Engineers Sub Committee	Workshop	Lady Engineers in Engineering	U. Malaya, K. Lumpur	Various Panelists	59
21 March	Oil, Gas & Mining		Talk	Introduction to Downstream Sector of Oil & Gas Industry	IEM	Engr. M Rizal bin Abdul Rahman	50
22 March	ITSIG		Talk	Available Funds/Grants in the Technology Arena	IEM	Mr. James Haniff Ramlee and Mr Rizal Alwani Mohamed Nordin	45
22 March	ITSIG		Meeting	10th Annual General Meeting	IEM		31
22 March	Welfare	Lady Engineers Sub Committee	Dialogue	Tea Party Gathering: Dialogue with Lady Engineers in the Industry	IEM		52
22-23 March	G & S Section	Toastmaster Club	Course	Course on Effective Communication Skills "Speechcraft Program 2008"	IEM	7 Renowned speakers	23
24 March	Geotechnical	HKIE	Seminar	Excavation & Retaining Walls	Tropicana Golf and Country Resort, P. Jaya	Various Paper Presenters	170
25 March	G & S Section	Younger Members Section, IET Malaysia	Talk	Introduction to LiDAR and Its Engineering and Other Applications	ISM Seminar Hall, IEM	Engr. Trudy R Ganendra and Dato' Nik Nasruddin bin Mahmood	40
25 March	Mechanical		Couse	Half Day Course on Hydronic Balancing for M & E Divison	Crystal Crown Hotel, P. Jaya	Mr. Jeffrey D. Van Zetten	58
25 March	B. Services		Seminar	Half Day Seminar on MS 1419 : Part 1 to Part 4" Specifications and Guides for Installation of Acrylonitrile Butadiene Styrene (ABS) Pressure Piping Systems	IEM	Engr. A H Ung	33
25-26 March	Activities	BEM , TAM	Conference	60th Anniversary National Conference on Technological Advancement : Merging of Technologies	Legend Hotel, The Mall, K. Lumpur	Various Presenters	30
26 March	Mechanical	UNITEN	Course	One Day Course on CFD Engineering Applications : Part 1	IEM	Assoc Prof. Dr. Mohd Zamri Yusoff, Dr. Norshah Hafeez Shuaib and Engr. Kannan M. Munisamy	10
27 March	Mechanical		Visit	Technical Visit to STAR Cruise, View Link Bridge	Port Klang		32
27 March	Activities		Social	IEM Golf Tournament 2008	Bangi Golf Resort, Bangi		102
27 March	Civil & Struct		Seminar	Half Day Seminar on "A New Generation of Concrete Repair Products "	Armada Hotel, P. Jaya	Mr Colin Peterson	100
27 March	Oil, Gas & Mining		Talk	Operating Performance Improvement (OPI) in Oil, Gas & Petrochemical Plants	IEM	Engr Mohamed Amin bin Abdullah	11



EVENT	ORGANISED BY / SUPPORTED BY	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
28 March	B. Services		Seminar	Half Day Seminar on Uninterruptible Power Supply (UPS)	Wawasan Professional Training Centre, Bandar Sunway	Mr Bernard Lee	postponed
28 March	Excomm		Courtesy Call	IEM Kedah Perlis Branch Visit	IEM		35
28 March	Excomm	SIEAMM	Dialogue	Meeting with President of The Institution of Engineering Technology, UK	PJ Hilton, P. Jaya		20
28 March	Excomm		Courtesy Call	Engineers, Australia President Visit and Dinner at Genji	IEM/ PJ Hilton Hotel		34
31 March	B. Services		Tak	Engineers Australia -Supporting the Diversity of the Profession and Dinner at Paya Serai	IEM/ PJ Hilton Hotel	Miss Julie Hammer	73
2 April	Agri & Food		Talk	Ground Water Market in Bangladesh: Irrigation Economics of the Lower Ganges of Southwest Bangladesh	IEM	Dr Md Amimul Haque	38
3 April	Excomm		Courtesy Call	The Institution of Mechanical Engineers, President Visit and Dinner at Toh Yuan Chinese Restaurant	IEM/ PJ Hilton Hotel		30
3 April	Mechanical		Talk	Energy for Life	IEM	Mr John Baxter	102
4 April	Tunnelling		Seminar	Half day Seminar on Steel Fibre Reinforce Concrete Sprayed Concrete Lining Application	IEM	Mr Gan Cheng Chiang	28
4 April	Environmental		Talk	Issues, Challenges and Strategies for Low Energy Building in Hot and Humid Climate	IEM	Engr. Dr Suhaimi bin A. Talib	17
10 April	Mechanical		Talk	Overhead Travelling - Girder & Eng Carriage Design	IEM	Ir. Hsiung Teck Pin	75
11 April	Oil, Gas & Mining		Talk	Instrumentation Systems on Offshore Facilities	IEM	Ir. Mohd Hazman Che Ali	33
12 April	G & S Section		Workshop	One Day Workshop on "Write Like a Professional " Effective Business Writing Skills	ISM	Dr Alister King	58
12 April	Project Management		Talk	Value Management in Malaysia: Curent State and Its Future Prospect	IEM	Dr Aini Jaapar	78
14 April	Prod & Manu		Talk	Nano - Silver Technology	IEM	Mr. SK Lee	54
16 April	Mechanical		Course	One Day Course on Renewable Energy Initiatives in Malaysia	IEM	En Mohd Azhar Abdul Rahman, Engr. Cheong Thiam Fook and Engr. Chong Chee Kit	43
19 April	Activities		Meeting	49th Annual General Meeting	IEM		473
19 April	Activities		Social	49th Annual Dinner and Awards Night	Sheraton Hotel, Subang Jaya		860
22 April	IT SIG		Talk	Standards Developments in Malaysia	IEM	Mr Hussalmizzar bin Hussain	19



EVENT	ORGANISED BY / SUPPORTED BY	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
24 April	Oil, Gas & Mining		Talk	Upstream Activities in Oil and Gas Industry	IEM	En Meor Shahrin Mahmood	73
26 April	Prod & Manu		Visit	Amalgamated Industries Steel Berhad	Shah Alam		16
26 April	Environmental		Talk	Built Environment	IEM	Dato Paduka Puteh Kamariah	92
26 April	Environmental		Meeting	17th Annual General Meeting	IEM		71
26 April	Mechanical		Course	Half Day Course on Auto Syn and ATS in Generators	IEM	Mr Matthias Volodar	19
29 April	Mechanical		Talk	Alignment of ISO - Certified Engineering Organisations to TQM/Six Sigma	IEM	Engr. Dr Chong Chien Fatt	43
3 May	Tunnelling		Meeting	8th Annual General Meeting	IEM		25
3 May	Tunnelling		Seminar	Half Day Seminar on Pipeline Rehabilitation Design and Application	IEM	Mr Jesse Goh and Mr Tang Chua Boon	35
3 May	Prod & Manu		Visit	ME-PLAS (M) Sdn Bhd	Nilai , Seremban		23
6 May	Chemical		Talk	Identifying Patentable Inventions from Engineering Technical Solutions	IEM	Engr. Dr Abdul Aziz bin Abdul Rahman	70
6-8 May	W. Resources		Visit	Bakun Hydroelectric Project Site Visit	Bakun, Sarawak		12
7 May	Mechanical		Talk	Machine Design Library For IEM	IEM	Ir. Hsiung Teck Pin	27
8 May	Chemical		Talk	Technical talk on Cement Industry - Resilient Environmental Sustainability Through Resource Recovery	IEM	Mr Mohamad Dit	21
10 May	Welfare		Social	IEM Open House	IEM		386
10 May	Exam & Training		Colloquium	Challenges in Training Engineers a Priority to Qualifying to sit for Professional Interview Examination.	IEM	Various Paper Presenters	100
10 May	Oil, Gas & Mining		Talk	Overview of Drilling and Completion Fluids	IEM	Engr. Anwarudin Saidu Mohamed	51
14 May	Prod & Manu	UNITEN	Talk	Talk on Current Changes that has taken place in Occupational Safety ad Health	IEM	Ir. Mohtar Musri	postponed
21-22 May	Engr. Education		Workshop	Half Day Workshop entitled Outcome-based Education "Deriving from First Principle"	Residence Hotel, K. Lumpur	Various Presenters	50
22 May	Mechanical		Course	One Day Course on Computational Fluid Dynamics in Engineering Application for Advance User - An Individual Experience	IEM	Asso Prof Dr Mohd Zamri Yusoff, Dr Norshah Hafeez Shuaib, Engr. Kannan M Munisamy	16
23 May	B Services		Seminar	Half Day Seminar on Uninterruptible Power Supply (UPS)	IEM	Mr Bernard Lee	20



EVENT	ORGANISED BY / SUPPORTED BY	JOINT/MAIN ORGANISERS	NATURE	NATURE	VENUE	SPEAKERS	NOS
24 May	Electrical		Presentation	Presentation and Dialogue on The Role of Electrical Engineers on the Concerns of Global Climatic Change	IEM	Engr. Mah Soo	16
24 May	Electrical		Meeting	23 Annual General Meeting	IEM		16
26 May	Geotechnical		Talk	Foundation Design of 500 Meter Span Cable Stayed Bridge Over Sg Johore	IEM	Ir. Dr Hj Affendi Abdullah	cancelled
27 May	Eng Education		Talk	Engineering Ethics and Professionalism: An Islamic Perspective	IEM	Eng. Dr Muhd Fuad Abdullah	46
30 - 31 May	G & S Section		Course	Two Day Course on "Understanding Construction Contracts	Menara PKNS, P. Jaya	Engr. Oon Chee Kheng	162
4 June	Mechanical		Course	Half Day Course On Basement Car Park Smoke Spill System	IEM	Ir. Susie Wong Choon Yoong and Mr Anthony Yen	50
5 June	ITSIG		Talk	Business Continuity/Disaster Recovery- Trends, Challenges and Recovery Strategies	IEM	Mr Lai Boon Wah	10
5 June	Engr. Education		Talk	The Basics of Earned Value Management	ISM Seminar Hall, IEM	Mr Stephen P. Warhoe	27
9 June	G & S Section		Visit	Technical Visit to Tuanku Jaafar Power Plant	Port Dickson		23
10 June	High & Trans		Talk	Pasir Panjang Expressway, Singapore	IEM	En Afshin Forouzani	61
11 June	Tunnelling		Talk	Practical Design of Tunnel Primary Support System	IEM	Mr Stadelmann	80
14 June	W. Resources		Colloquium	10th Annual IEM Water Resources Colloquium	IEM	Various Paper Presenters	65
14 June	W. Resources		Meeting	21st Annual General Meeting	IEM		51
16 June	Mechanical		Talk	Talk on "How to Excel in the Engineering World"	IEM	Engr. Dr Chong Chien Fatt	71
18 June	Mechanical	GT Gulf (M) Sdn Bhd (Sponsor)	Course	One Day Course on An Update on Design, Fabrication, Construction & Testing of HVAC Ducting System	IEM	Ir. Soong Peng Soon	73
21 June	Project Management		Meeting	4th Annual General Meeting	IEM		120
21 June	Project Management		Talk	From Quality Management to Project Learning: Vertical Points for Success in Construction	IEM	Prof Hamzah bin Abdul Rahman	126
24 June	PPCC		Forum	IEM Position Paper on Energy Efficiency - A Forum to Consolidate the draft Position Paper	IEM	Various Panelists	55
25 June	Oil, Gas & Mining		Visit	Visit to Prince Court Medical Centre	K. Lumpur		61
25 June	Agr & Food		Talk	Zero Waste Discharge Solution for Oil Palm Mills	IEM	Engr. Ooi Ho Seng	50
27 June	Oil, Gas & Mining		Course	One Day Course on Stream Boiler Operations & Trouble-Shootings, Inspections, Repair and Maintenance	IEM	Ir. Mohd Normzuki Ya'coob	postponed



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28 June	G & S Section		Forum	Career in Engineering in Our Nation	IEM	Various Panelists	81
28 June	G & S Section		Meeting	38th Annual General Meeting	IEM		109
28 June	Geotechnical		Talk	Some Case Histories on Control of Groundwater in Excavation Works	IEM	Engr. Dr Ooi Lean Hock	137
28 June	Geotechnical		Meeting	19th Annual General Meeting	IEM		101
30 June	Civil & Struct		Seminar	Forensic Engineering for Civil, Structural and Geotechnical Engineers - Technical & Legal Issues	IEM	Er Prof Fred S H Ng, Prof Leung Chun Fai and Assoc Prof JY Richard Liew	108
3 July	Mechanical		Course	Half Day Course on Technologies in Structured Cable Management and Earthing	IEM	Mr Luke Tan and Mr Alban Mulliez	16
10 July	Mechanical		Talk	Sustainable Property Design, Development & Operation by M&E Engineers	IEM	Engr. Lum Youk Lee	58
11 July	IT SIG		Talk	Evolution of the Distributed Control System (DCS)	IEM	Mr Stephen Lim	22
12 July	Engr Education		Talk	Next Generation Engineers	IEM	Dr Faris Tarlochan	37
12 July	Engr Education		Meeting	12th Annual General Meeting	IEM		35
17 July	Oil, Gas & Mining		Course	One Day Course on Stream Boiler Operations & Trouble-Shootings, Inspections, Repair and Maintenance	IEM	Ir. Mohd Normzuki Ya'coob	40
17 July	Mechanical		Talk	Electric Overhead Travelling Crane Second Session: Box Girder Design	IEM	Ir. Hsiung Teck Pin	59
18 July	Civil & Struct		Seminar	Half Day Seminar on "Hilti Fastening Academy 2008"	IEM	Mrm Bee Peter Josef, Dr Jakob Kunz, Mr Voon Khin Boon	84
19 July	Tunnelling		Seminar	Half Day Seminar on Concrete Structure Relining	IEM	Mr Jesse Goh and Mr Tony Yap	40
22 July	Civil & Struct		Seminar	Half Day Seminar on "Qlassic"	Legend Hotel, K. Lumpur	Various Paper Presenters	52
22 July	Mechanical		Talk	Co-Generation: Effective Route Towards Energy Efficiency but is it Viable in Malaysia ?	IEM	Engr. Dr Philip Tan Ah Kow	48
23 July	Geotechnical	AGSSEA	Lecture	Centrifuge and Numerical Modeling of Shielding Effects on Piles in Consolidating Soil	IEM	Prof Charles W W Ng	75
24 July	Electrical		Seminar	One Day Seminar on Managing Power System Harmonics	IEM	Engr. Mohd Fuad bin Faisal	74
24 July	B. Services		Talk	Evening Talk on Water Flow and Energy Measurement	IEM	Mr Eric Woo	82
26 July	Oil, Gas, Mining		Seminar	Half Day Seminar on Drilling Engineering Overview	Crystal Crown Hotel, P.Jaya	En. Razak bin Yakob	36
26 July	Civil & Struct		Talk	Impact of the Euro Code 1993 on the Malaysian Steel Construction Industry	IEM	Engr. Dr Sooi Took Kowng	109



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26 July	Civil & Struct		Meeting	22nd Annual General Meeting	IEM		69
28 July	Project Management	CIDB	Briefing	The Construction Industry Master Plan (CIMP) 2006-2025	Vistana Hotel, K. Lumpur	CIDB Speakers	74
31 July	Geotechnical		Forum	Is It Safe to Build on Slopes	IEM	Engr. Dr Gue See Sew, Engr. Yap Kok Ming, Engr. Ye Thien Seng, Dato Ir. Dr Asjaaro Mohd	134
2 August	Exam & Training	PI Sub Committee	Dialogue	Dialogue "Continuing Professional Development & You - An Intermittent Review	IEM	Various Panelists	110
5 August	IT SIG		Visit	Proton Research Centre	Shah Alam		30
5 August	Geotechnical		Talk	The Practice of Soil Reinforcement in Malaysia	IEM	Ir. Dr Nehemiah Lee Chee Hai	120
6 August	B. Services		Talk	AS/NZS 4360:2004 Risk Management, A Tool to Manage Your Risks	IEM	Engr. Gary Lim Eng Hwa	postponed
6 August	Mechanical		Talk	Industrial Dust Explosion Protection Prevention & Protection Technologies	IEM	Mr Felipe Ong	61
7 August	Electrical		Seminar	Half Day Seminar on MS IEC 61643: Part 1 - Low Voltage Surge Protective Devices	IEM	En Dahari bin Mat Siran	35
9 August	Prod & Manu		Talk	Air Purifying Lamp with Nano Technology and Titanium Dioxide TiO2	IEM	Mr S Gopalakrishnan and Mr Sanan	postponed
9 August	Prod & Menu		Talk	The Future of Automative Technology	IEM	Mr Dieter Lim Ooi Leong	32
9 August	Prod & Manu		Meeting	17th Annual General Meeting	IEM		28
11 August	Electrical		Seminar	One Day Seminar on Improving Equipment Immunity to Voltage Fluctuation	IEM	Engr. Muhd Fuad bin Faisal	51
12 August	ITSIG		Talk	Engineering Services Outsourcing Opportunities	IEM	Mr Bobby Varansasi and Mr Andy Yau	22
12 August	APEC/EMF		Courtesy Visit	Visitor from Chinese Taipei APEC/EMF Monitoring Committee	IEM	Prof Lee Teh Chang and Dr Yu Ter- Chyuan	8
11-12 August	Activities	UPM, CREAM	Course	2-Day Course and Design Workshop on Desing and Construction of Precast Concrete Structures	IOI Resort, Putrajaya	Dr Kim S Elliot	180
13 August	Mechanical		Talk	Aerodynamics of Car Disc Brake	IEM	Ir. Kannan M. Munisamy	23
16 August	E & Q	PI Sub Committee	Workshop	Professional Interview Workshop	IEM	Engr. Ishak A Rahman, Engr. Dr Muhd Fuad Abdullah, Engr. S Kukanesan, Engr. Juares Rizal	110
18 August	Activities	LUSEA	Courtesy Visit	Delegation from LUSEA	IEM		10



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18 August	Geotechnical		Talk	The Design and Workmanship Exclusions under Contractors All Risks and Erection All Risks Insurance Cover	IEM	Mr Neil Davis	81
23 August	Mechanical		Visit	Technical Visit to George Kent Technology Centre	Puchong		24
23 August	B. Services		Seminar	Half Day Seminar on Recent Developments in Fire Protection Standards	IEM	Engr. Wong See Foong	51
23 August	B. Services		Meeting	22nd Annual General Meeting	IEM		42
25 August	Geotechnical		Talk	Foundation Design of 500 Meter Span Cable Stayed Bridge Over Sg. Johore	IEM	Engr. Dr Hj Affendi Lowe Bin Abdullah	postponed
26 August	Mechanical		Talk	An Engineering Approach to Achieve World-Class	IEM	Engr. Dr Chong Chien Fatt	31
27 August	Mechanical		Visit	Technical Visit to New Manufacturing Facilities of OYL Industries	Sg Buluh, Selangor		17
27 August	Electrical		Seminar	A Half Day Seminar on Electrical Protection System	IEM	En Dahari bin Mat Siran	44
27 August	Civil & Struct		Talk	Durability Design for Major Concrete Structures	IEM	Mr Frank Papworth	62
28 August	Geotechnical		Talk	Foundation Design of 500 Meter Span Cable Stayed Bridge Over Sg Johore	IEM	Engr. Dr Affendi Lowe bin Abdullah	88
29 August	B. Services		Visit	Technical Visit to Guinness Anchor, P. Jaya	P. Jaya		postponed
30 August	Chemical		Course	Half day Course on Applied Line Sizing in Process Plants	IEM	Engr. Hj Mohd Nor Abdul Basar	33
3 September	B. Services		Talk	AS/NZS 4360:2004 Risk Management, A Tool to Manage Your Risks	IEM	Engr. Gary Lim Eng Hwa	20
4 September	B. Services		Talk	Variable Frequency Drives as an Integral Part of Smoke & Heat Control in Buildings	IEM	Mr Patrick Ramsden	32
5 September	B. Services		Visit	Technical Visit to Guinness Anchor, P. Jaya	P. Jaya		31
12 September	Mechanical		Course	Half Day Introductory Course on Automatic Sprinkler System: Module 1	IEM	Engr. Loo Chee Kin	56
13 September	C. Affairs		Colloquium	7th Public Colloquium on Mitigating Flash Floods Through Proper Planning	IEM	Dato Paduka Engr. Keizrul bin Abdullah and Puan Norliza Hashim (MIP)	129
13 September	PPC/DRP	IPM	Talk	Talk on Drafting and Assessing Construction Related Claims	MIArb Premise	Engr. Harbans Singh KS	80
18 September	B. Services		Seminar	One Day Seminar on Acoustic & Noise Control in Building	IEM	Mr Nai Boonlert Saraksh	72
19 September	Mechanical	Emerson Network Power (M) Sdn Bhd	Course	Half Day Course on Data Centre Infrastructure "The Way Forward"	Finnegans Irish Restaurant, K. Lumpur	Mr. Eric Ong, Mr. Loh Soon Chin and Mr Chan Jian Wen	30
20 September	Chemical		Talk	Clean Development Mechanism (CDM): Benefit for Green House Gas Reduction Initiative in Developing Countries	IEM	Ir. Thayanathan Balakrishnan	74
20 September	Chemical		Meeting	22nd Annual General Meeting	IEM		47



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22 September	B.Services		Talk	Developing Malaysia's Own Green Building Rating System	IEM	Engr. Chen Thiam Leong	64
11 October	High & Trans		Talk	Transportation Infrastructure Projects Viability Studies: Past Present and Future	IEM	Prof. Dr. Nor Ghani Md Nor	106
11 October	High & Trans		Meeting	17th Annual General Meeting	IEM		60
13 October	B. Services		Talk	Fire Engineering P-Performance Based Approach	IEM	Engr. Yeo Boon Kah	70
13-14 October	Geotechnical		Workshop	Workshop and Exhibition on Site Investigation	Tropicana Golf & Country Resort	Various Presenters	183
14-15 October	Oil, Gas & Mining		Course	2 Day Course on Maintenance Management : An Overview	IEM	Ir. Al-Khairi bin Mohd Daud	22
16 October	Electrical		Seminar	One Day Seminar on Integrated Security Management System	IEM	Mr Chin KokYu, Edmond	43
18 Octoner	Tunnelling		Seminar	Half Day Seminar on Steel Fibre Reinforced Sprayed Concrete Lining Design and Application	ISM Seminar Hall, IEM	Mr Gan Chang Chian	52
18 October	Mechanical		Workshop	Workshop session on Automatic Sprinkler System: Module 1	IEM	Engr. Loo Chee Kin	postponed
18 October	Mechanical		Talk	Plastic in Construction - Is it Fire Hazard and Can it be Protected ?	IEM	Engr. Loo Chee Kin	86
18 October	W Resources		Visit	Technical Visit to Coastal Protection Sites, Port Dickson	Port Dickson		25
20 October	Environmental	ENSR Corporation Sdn Bhd	Workshop	Pre Conference Workshop on Remediation of Organic Contaminations in Groundwater	Berjaya Times Square Hotel, K. Lumpur	Dr Gaylen R Brubaker	45
22 October	Mechanical		Talk	Successful Engineering Negotiation Skills	IEM	Dr Chong Chien Fatt	89
21-23 October	Environmental	DOE	Conference	Brownfield Asia 2008- 3rd International Confernece on Remediation and Management of Contaminated Land: Focus on Asia	Berjaya Times Square Hotel, K. Lumpur	Various Paper Presenters	96
23 October	Environmental		Visit	Bukit Tagar Sanitary Landfill, Selangor	Hulu Langat		31
23 October	Mechanical	TanKTech (M) Sdn Bhd	Course	Half Day Course on "Various & Porcelain Enamels Bolted Steel Tanks Design & Application"	Cystal Crown Hotel, P. Jaya	Mr Richard Lewis	89
23 October	Mechanical		Meeting	23rd Annual General Meeting	IEM		67
23 October	PPC		Forum	Forum on "A New Engineers Act"	PKNS Seminar Centre, P. Jaya	Various Panelists	120
24 October	Chemical		Talk	Environmental Monitoring and Compliance : Things The Industry Need to Know	IEM	Engr. Zaki Zainuddin	37
25 October	Environmental		Seminar	Half Day Seminar on Waste Management	IEM	Ir. Lee Heng Kee, Mr Tony Liew and Prof Agamuthu Pariatamby	35
31 October	Mechanical		Workshop	Workshop session on Automatic Sprinkler System: Module 2	IEM	Engr. Loo Chee Kin	38
1 November	Geotechnical		Seminar	Half Day Seminar on Landslide and Debris Flow Risk Management - Hong Kong Experience	IEM	Various Paper presenters	66



EVENT	ORGANISED BY / SUPPORTED BY	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
1 November	Agri & Food		Visit	Technical Visit to Zenxin Organic Park		Air Hitam, Kluang	21
4-6 November	Geotechnical	JKR, IKRAM, REAAA	Conference	International Conference on Slopes Malaysia 2008	Istana Hotel, K. Lumpur	Various Paper Presenters	
5 November	Mechanical		Course	One Day Course on Diesel Generator and Auto Synchronisation Technology	IEM	Various Course Presenters	76
5 November	Mechanical		Talk	The Future Building Design - Energy Efficient Buildings	IEM	Mr Simon D Mahoney	99
8 November	Activities	UTAR	Public Seminar/ Forum	Three Gorges Dam	Eastin Hotel, P. Jaya	Various Paper Presenters	200
11 November	Agri & Food		Talk	Capture and Utilisation of Biogas from Pome	IEM	Engr. Ooi Ho Seng and Engr. Kumar Subramaniam	53
13 November	Mechanical		Talk	CPD Analysis on Transmission Tower Insulators	IEM	Engr. Kannan M Munisamy	40
13-14 November	Tunnelling	UM, Uniten, JKR	Course	Short Course on Planning, Construction and Risk Management in Rock Tunnelling	Armada Hotel, P. Jaya	Dr Wulf Schubert and Dr Kurt Klima	108
18 November	Mechanical		Talk	Integrating Enterprise Risk Management with Corporate Governanace Proccess, Strategic Planning, Corporate Planning, Budgeting and Internal Audit to Enhance Performance	IEM	Ms Lee Yee Ming	44
20 November	W Resources		Talk	On Secular Changes in the Extreme Rainfalls Over Peninsular Malaysia	IEM	Ir. Dr Mohd Nor bin Mohd Desa	47
18-20 November	Project Management	UM, PMIM	Conference	ICoPM 2008, International Conference on Project Management	Hilton Hotel, P. Jaya	Various Paper Presenters	230
21 November	Environmental		Talk	Talk on Sustainability Assessments of Buildings: Would Leed Lead Malaysia Anywhere ?	IEM	Engr. Prof Dr Ruslan Hassan	45
20-21 November	Civil & Struct	NUS	Seminar	2 Day Seminar on Advanced Structural Steel Design	Armada Hotel, P. Jaya	Er Prof J Y Richard Liew	99
20 November	W Resources		Talk	On Secular Changes in the Extreme Rainfalls Over Peninsular Malaysia	IEM	Ir. Dr Mohd Nor bin Mohd Desa	20
22 November	Oil, Gas & Mining	YES	Talk	The Bowtie Technique - Simple by Effective Approach to Hazard Analysis in Oil and Gas Industry	IEM	En Syed Zaidul Hamzah	98
22 November	Oil, Gas & Mining		Meeting	22nd Annual General Meeting	IEM		70
24 November	B. Services		Talk	Lightning and Power Surge Protection in Preventing Damages to Sensitive Electronic Equipment	IEM	Mr Jim Harrison	70
25 November	Geotechnical	AGSSA	Talk	Practical Applications of the Co-efficient of Earth Pressure at Rest	IEM	Prof Cholamreza Mesri	96



EVENT	ORGANISED BY / SUPPORTED BY	JOINT/MAIN ORGANISERS	NATURE	TITLE AND TOPIC	VENUE	SPEAKERS	NOS
26 November	Electrical		Workshop	One Day Workshop on Road Lighting Design	IEM	Mr Yap Ching Kiat	45
26-29 November	Activities		Conference	CAFEO 26 on Interdisciplinary and Transboundary Engineering in ASEAN	Sofitel Centara Grand Bangkok, Thailand	Various Paper Presenters	380
27 November	B.Services	MFPA	Seminar	Seminar on Design and Codes on Sprinkler System and Fire Protection Practices	Gurney Resort Hotel, Penang	Various Paper Presenters	295
27 November	Welfare	SIEAMM	Talk	Preparing for Retirement	IEM	Mr Victor Foo	114
29 November	Tunnelling		Visit	Technical Visit to Construction of Triange Transfer Tunnel and Associated Project JBANS, Sg. Triang N. Sembilan	Sungei Triang. N. Sembilan		19
29 November	Oil, Gas, Mining		Talk	Setting Up of Asset Management System for Offshore Oil and Gas Platform	IEM	Mr Praba Karunakaran	70
9 December	Civil & Struct		Seminar	One Day Seminar on Design for Wind Loads Using MS 1553:2002	IEM	Dr John Holmes	77
12 December	Mechanical		Workshop	Workshop session on Automatic Sprinkler System: Module 1	IEM	Engr. Loo Chee Kin	25
13 December	Exam & Training	PI Sub Committee	Workshop	Professional Interview Workshop	IEM	Engr. Ishak Abdul Rahman, Egr. Dr Muhd Fuad Abdullah, Engr. S Kukanesan, Engr. Juares Rizal Hamid	100
13 December	Civil & Struct		Seminar	Half Day Seminar on "Prestressed Concrete - An Overview"	IEM	Engr. Li Thang Fai	98
13 December	Electronics		Meeting	Inaugural meeting of the Electronic Engineering Technical Division	IEM Penang Branch		15
18 December	Geotechnical		Seminar	1 Day Seminar on Site Investigation - Planning, Supervision and Design in Ground Engineering	IEM	Dr Seah Tian Ho	136
18 December	W. Resources		Talk	The First Dual Purpose Flood Diversion Cum Traffic Dispersion Tunnel in the World - THE SMART	IEM	Ir. Low Koon Sing	70
19 December	Mechanical		Talk	Talk on Structural Integrity Issues for the Power Generation Industry	IEM	Mr Ian Partridge	42
17-18 December	Civil & Struct	CIDB, JKR,	Seminar	Seminar on Best Practices in Construction Industry BPC1 2008	PWTC, K. Lumpur	Various Paper Presenters	180
22-23 December	Mechanical		Course	2 Day Course on ASME Code Section IX	ISM Seminar Hall	En Azlan Hasan	68
22 December	W. Resources		Talk	Fundamentals of Surface Water Quality Parameters and Characterisation	IEM	Engr. Zaki Ainuddin	47
Every 2nd & 4th Thursday	G & S Section		Training	IEM Toastmasters Club	IEM	Various Instructors	20 to 40



**Honorary Treasurer's Report**

1. The 2008 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 2008 is RM3,870,335 which is RM490,092 more than that of year 2007 due mainly to the rental collectible from the new building and increase in membership. The main sources of income were annual subscriptions amounting to RM2,249,021 income from conferences RM11,730, rental RM1,016,863, income from secretariat services RM93,365, income from credit cards RM90,286, and income from Technical Divisions' activities amounting to RM233,701.
3. The total expenditure of the Institution was RM4,056,453, which was RM1,203,892 more than that of year 2007. The main expenditure items were personnel emoluments RM1,481,482, administrative expenses RM927,573, maintenance of Bangunan Ingenieur (including utilities) RM102,140, repairs and maintenance of the new IEM building RM110,842, finance cost of the term loan RM545,556 and Branch Subsidies RM253,700.
4. No donations were made to IEM Education Fund in year 2008.
5. 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.

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**Dato' Engr Abu Hashim bin Abd Ghani**, FIEM, PEng  
**Hon Treasurer**

Kuala Lumpur,

Date: 17 March 2009

**Honorary Internal Auditor's Report**

We have examined the Balance Sheet as at 31st December 2008, the income and Expenditure Account together with Notes on the Accounts set out on pages 122 to 134 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.

.....  
**Engr. Awangku Hidup Bin Awangku Hosain**, MIEM, PEng  
**Honorary Internal Auditor**

.....  
**Engr. Mah Soo**, FIEM, PEng  
**Honorary Internal Auditor**



**Statement by the Council**

In the opinion of the Council, the financial statements set out on pages 122 to 134 are drawn up in accordance with accounting policies adopted by the Institution so as to give a true and fair view of the state of affairs of the Institution and of its income and expenditure and cash flows for the year ended on that date.

On behalf of the Council:

.....  
**Dato' Paduka Engr Hj Keizrul bin Abdullah**, FIEM, PEng  
President

.....  
**Dato' Engr Abu Hashim bin Abd Ghani**, FIEM, PEng  
Hon Treasurer

Kuala Lumpur,

Date: 17 March 2009

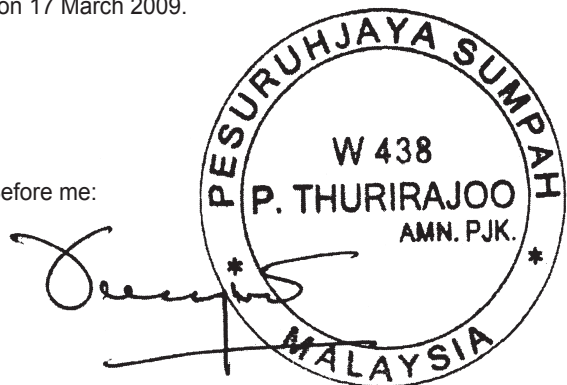
**Statutory declaration by the officer primarily responsible for the financial management of the Institution**

I, Dato' Engr Abu Hashim bin Abd Ghani, FIEM, PEng, 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 122 to 134 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 17 March 2009.

.....  
**Dato' Engr Abu Hashim bin Abd Ghani**, FIEM, PEng

Before me:



NO. 658, TINGKAT 2,  
BATU 4, JALAN IPOH,  
51200 KUALA LUMPUR.



**Report of the auditors to the members of The Institution of Engineers, Malaysia**

We have audited the financial statements of The Institution of Engineers, Malaysia which comprise the balance sheets as at 31 December 2008 of the Institution and the income and expenditure and cash flow statements of the Institution for the year then ended, and a summary of significant accounting policies and other explanatory notes, as set out on pages 121 to 134.

*Council's Responsibility for the Financial Statements*

The Council of The Institution of Engineers, Malaysia is responsible for the preparation and fair presentation of these financial statements in accordance with accounting policies adopted by the Council. 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.

*Other Matters*

This report is made solely to the members of the Institution and for no other purpose. We do not assume responsibility to any other person for the content of this report.

*Opinion*

In our opinion, the financial statements have been properly drawn up in accordance with accounting policies adopted by the Institution as to give a true and fair view of the financial position of the Institution as of 31 December 2008 and of their financial performance and cash flows for the year then ended.

**KPMG**  
Firm Number: AF 0758  
Chartered Accountants

Date: 17 March 2009

Petaling Jaya



**Balance sheet at 31 December 2008**

	Note	2008 RM	2007 RM
<b>Property, plant and equipment</b>	3	15,619,516	15,988,088
<b>Investment</b>	4	100,002	100,002
<b>Current assets</b>			
Other receivables, deposits and prepayments		705,348	500,282
Amount due from IEM Training Centre		7,862	24,777
Subscription in arrears		383,912	309,615
Cash and cash equivalents	5	4,120,305	3,952,580
		5,217,427	4,787,254
<b>Current liabilities</b>			
Other payables	6	3,008,196	2,861,137
Subscription in advance		189,575	122,346
Taxation		52,676	63,249
Borrowings	11	1,278,348	1,096,824
		4,528,795	4,143,556
<b>Net current assets</b>		688,632	643,698
		16,408,150	16,731,788
<b>Financed by:</b>			
Accumulated fund	7	3,340,168	3,567,640
Capital reserve fund	8	1,646,610	1,431,815
Library fund	9	413,858	382,718
Building fund	10	643,151	252,450
		6,043,787	5,634,623
<b>Long term liabilities</b>			
Borrowings	11	10,364,363	11,097,165
		16,408,150	16,731,788

The financial statements were approved and authorised for issue by the Council of the Institution on 17 March 2009.

The notes set out on pages 123 to 133 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 2008**

	Note	2008 RM	2007 RM
<b>Income</b>			
Members' subscription fees		2,249,021	2,160,860
Seminar and conference income		11,730	172,126
Sales of publications		7,155	5,789
Rental income		1,016,863	340,940
Interest income on fixed deposits		53,909	50,360
Subscriptions recovered		40,585	41,545
Membership reinstatement fees		3,800	6,320
Miscellaneous income			
- Credit cards commission		90,286	112,047
- Arbitration processing fees		4,000	8,550
- Arbitration levy		14,904	10,472
- Others		138,323	149,949
		3,630,576	3,058,958



**Less: Expenditure**

Personnel emoluments and benefits	12	(1,481,482)	(1,176,918)
Administrative expenses	13	(927,573)	(845,316)
Branch subsidies	14	(253,700)	(203,550)
Inter-society activities	15	(10,825)	(8,114)
Bangunan Ingenieur	16	(102,140)	(136,502)
Wisma IEM	17	(110,842)	-
Subscription in arrears written off		(222,413)	(221,441)
Depreciation of Property Plant & Equipment		(401,932)	(178,895)
Finance cost		(545,556)	(81,825)

(4,056,453) (2,852,561)

**Surplus from institutional services** 18 239,759 321,285

**(Deficit)/Surplus before taxation** (186,118) 527,682

Tax expense 19 (41,354) (81,768)

**Net (deficit) / surplus for the year** 7 (227,472) 445,914

The notes set out on pages 123 to 133 form an integral part of, and should be read in conjunction with, these financial statements.

**Cash flow statement for the year ended 31 December 2008**

	<b>2008</b>	<b>2007</b>
	<b>RM</b>	<b>RM</b>
<b>Cash flows from operating activities</b>		
(Deficit)/Surplus before taxation	(186,118)	527,682
Adjustment for:		
Depreciation of property, plant and equipment	401,922	178,895
Finance cost	545,556	81,825
Interest income	(53,909)	(50,360)
Operating surplus before changes in working capital	707,451	738,042
Changes in working capital:		
Other receivables, deposits and prepayments	(188,151)	(11,650)
Subscription in arrears	(74,297)	34,669
Other payables	190,344	102,367
Amount due to Education Fund	(43,285)	865,787
Subscription in advance	67,229	46,382
Cash generated from operations	659,291	1,775,597
Income taxes paid	(51,927)	(72,600)
Interest paid	(545,556)	(81,825)
<b>Net cash generated from operating activities</b>	<b>61,808</b>	<b>1,621,172</b>
<b>Cash flows from investing activity</b>		
Interest received	53,909	50,360
Purchase of property, plant and equipment	(33,350)	(14,083,653)
<b>Net cash generated from/( used in) investing activity</b>	<b>20,559</b>	<b>(14,033,293)</b>
<b>Cash flows from financing activities</b>		
Repayment of borrowing	(551,278)	-
Entrance and transfer fees received	214,795	166,848
Donation received	421,841	184,051
Proceeds from borrowing	-	12,193,989
<b>Net cash generated from financing activities</b>	<b>85,358</b>	<b>12,544,888</b>
<b>Net increase in cash and cash equivalents</b>	<b>167,725</b>	<b>132,767</b>
<b>Cash and cash equivalents at beginning of year</b>	<b>3,952,580</b>	<b>3,819,813</b>
<b>Cash and cash equivalents at end of year</b>	<b>4,120,305</b>	<b>3,952,580</b>



**Cash and cash equivalents comprise:**

Fixed deposits with licensed banks	2,720,478	1,553,838
Cash and bank balances	1,564,706	2,679,871
Less: Bank balances held in trust	(164,879)	(281,129)

	<b>4,120,305</b>	<b>3,952,580</b>
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The notes set out on pages 123 to 133 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 is an Institution 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  
46720 Petaling Jaya  
Selangor Darul Ehsan

The financial statements were approved and authorised for issue by the Council of the Institution on 16 March 2009.

**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. Summary of significant accounting policies**

The following accounting policies are adopted by the Institution and are consistent with those adopted in previous years.

**(a) Basis of accounting**

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. Leasehold land and buildings are depreciated over the shorter of the lease term and their useful lives, unless it is reasonably that the Institution will obtain the ownership by end of the leaser term. 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:

Freehold buildings	2%
Leasehold land and buildings	2%
Furniture and fittings	5% - 20%
Office equipments	10%
Library books	10%
Building renovation	5%

**(c) Investments**

Long term investment is stated at cost. An allowance is made when the Council are of the view that there is a diminution in its value which is other than temporary.

**(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 income statement 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 for goodwill nor deductible for tax purposes and the initial recognition of assets or liabilities that at the time of the transaction affects neither accounting nor taxable profit. The amount of deferred tax provided is based on the expected manner of realisation or settlement of the carrying amount of assets and liabilities, using tax rates enacted or substantially enacted at the balance sheet date.

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 utilized.

**(j) Capital reserve fund**

Fund raised from members for the purchase of property, plant and equipment as well as entrance and transfer fees received from members are capitalised as Capital Reserve Fund.

**(k) Library fund**

Enrollment fee received from corporate members for library membership of the Institution and donation received from members or nonmembers for the library are capitalised as Library Fund.

**(l) 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

Cost	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
At 1 January 2008	234,279	468,557	15,285,746	212,348	1,344,790	318,996	375,515	18,240,231
Additions	-	-	-	2,711	30,639	-	-	33,350
At 31 December 2008	234,279	468,557	15,285,746	215,059	1,375,429	318,996	375,515	18,273,581
<b>Depreciation</b>								
At 1 January 2008	-	70,835	447,917	178,584	982,930	304,236	267,641	2,252,143
Charge for the year	-	9,371	297,003	3,204	68,921	5,762	17,661	401,922
At 31 December 2008	-	80,206	744,920	181,788	1,051,851	309,998	285,302	2,654,065
<b>Net book value</b>								
At 31 December 2008	234,279	388,351	14,540,826	33,271	323,578	8,998	90,213	15,619,516
At 31 December 2007	234,279	397,722	14,837,829	33,764	361,860	14,760	107,874	15,988,088
Depreciation charge for the year ended 31 December 2007	-	9,371	64,327	9,851	69,512	7,059	18,775	178,895

At year end, the document of title in respect of properties with an aggregate net book value of RM605,290 (2007:RM14,522,825) has yet to be issued by the authorities.

Included in leasehold land and buildings with net book value of RM13,634,790 (2007: 13,914,000) has been pledged to licensed bank as security for term loan facility granted to the Institution as mentioned in Note 11.

### 4. Investment

	2008 RM	2007 RM
Unquoted shares, at cost	100,002	100,002

Details of investment are as follows:

Name of Company	Principal Activities	Country of Incorporation	2008 %	Effective ownership interest 2007 %
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 2008 is RM440,967 (2007: RM340,073) as per their management accounts which are currently being audited. The audited financial statements are expected to be ready by May 2009.

### 5. Cash and cash equivalents

	2008 RM	2007 RM
Fixed deposits with licensed banks	2,720,478	1,553,838
Cash and bank balances	1,564,706	2,679,871
	4,285,184	4,233,709
Less: Bank balances held in trust	(164,879)	(281,129)
	4,120,305	3,952,580

Included in fixed deposits with licensed banks and cash and bank balances are RM745,651 (2007: RM724,432) and RM202,737 (2007: RM170,677) respectively held for arbitration cases.



**6. Other payables**

	<b>2008</b>	<b>2007</b>
	<b>RM</b>	<b>RM</b>
Other payables	566,929	613,584
Deposits refundable	868,165	631,166
Amount due to Education Fund	1,573,102	1,616,387
	<b>3,008,196</b>	<b>2,861,137</b>

The advance from Education Fund is unsecured, interest free and has no fixed terms of repayment.

**7. Accumulated fund**

	<b>2008</b>	<b>2007</b>
	<b>RM</b>	<b>RM</b>
Opening balance	3,567,640	3,121,726
Net surplus for the year	(227,472)	445,914
	<b>3,340,168</b>	<b>3,567,640</b>

**8. Capital reserve fund**

	<b>2008</b>	<b>2007</b>
	<b>RM</b>	<b>RM</b>
Opening balance	1,431,815	1,264,967
Entrance and transfer fees capitalised	214,795	166,848
	<b>1,646,610</b>	<b>1,431,815</b>

**9. Library fund**

	<b>2008</b>	<b>2007</b>
	<b>RM</b>	<b>RM</b>
Opening balance	382,718	367,807
Fees and donation received	31,140	14,911
	<b>413,858</b>	<b>382,718</b>

**10. Building fund**

	<b>2008</b>	<b>2007</b>
	<b>RM</b>	<b>RM</b>
Opening balance	252,450	83,310
Donation received	390,701	169,140
	<b>643,151</b>	<b>252,450</b>

**11. Borrowings**

	<b>2008</b>	<b>2007</b>
	<b>RM</b>	<b>RM</b>
Current		
Term loan - secured	1,278,348	1,096,824
Non-current		
Term loan - secured	10,364,363	11,097,165
	<b>11,642,711</b>	<b>12,193,989</b>

**Security**

The term loan is secured via fixed charge over leasehold building property with a carrying amount of RM13,634,790 (2007: RM13,914,000) as mentioned in Note 3.



The term loan of the group is subject to interest rate 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 6.75% p.a.

The Company's term loan is repayable in monthly instalments of 180 instalments.

**12. Personnel emoluments and benefits**

	<b>2008 RM</b>	<b>2007 RM</b>
These represent expenses incurred in relation to:		
Salaries and wages	(1,061,910)	(787,054)
Staff allowance and ex-gratia	(162,444)	(157,894)
Staff trips	(18,830)	(26,240)
Overtime	(49,200)	(55,160)
EPF and SOCSO contributions	(172,646)	(119,936)
Staff uniform	-	(292)
Medical expenses	(6,164)	(5,868)
Staff insurance	(5,008)	(5,893)
Staff training	(4,390)	(10,084)
Long service award	-	(7,000)
Staff incentive	(890)	(1,497)
	<b>(1,481,482)</b>	<b>(1,176,918)</b>

**13. Administrative expenses**

	<b>2008 RM</b>	<b>2007 RM</b>
These represent expenses incurred in relation to:		
Credit card charges	(19,070)	(22,947)
Advertisement	(5,130)	(3,923)
Insurance	(6,061)	(3,957)
Office expenses	(2,036)	(2,771)
Annual general meeting	(10,129)	(8,038)
Office printing and stationery	(128,652)	(117,384)
Transport and traveling	(57,613)	(106,839)
Office equipment maintenance	(10,777)	(7,849)
Bank charges	(8,061)	(7,362)
Accountancy fee	(26,000)	(22,900)
Auditors' remuneration	(17,000)	(11,000)
Tax service fee	(1,160)	(8,750)
Office cleaning and maintenance	(25,888)	(28,034)
Balloting expenses	(7,873)	(6,635)
Mailing services	(22,882)	(18,458)
Telephone, fax and internet expenses	(57,834)	(56,238)
Postages	(237,192)	(256,008)
Legal and professional fees	(6,390)	(104,344)
Miscellaneous	(15,684)	(13,234)
Rental of ISM premises	(38,647)	(38,645)
Allowance for doubtful debts	(223,494)	-
	<b>(927,573)</b>	<b>(845,316)</b>



**14. Branch subsidies**

	<b>2008 RM</b>	<b>2007 RM</b>
These represent expenses incurred in relation to:		
Negeri Sembilan branch	(6,300)	(7,000)
Penang branch	(27,750)	(23,550)
Southern branch	(38,100)	(32,275)
Eastern branch	(10,950)	(6,775)
Perak branch	(19,450)	(14,100)
Malacca branch	(6,900)	(5,125)
Sarawak branch	(60,750)	(48,975)
Sabah branch	(43,600)	(36,000)
Miri branch	(18,500)	(10,850)
Kedah/Perlis branch	(14,600)	(14,025)
Terengganu branch	(6,800)	(4,875)
	<b>(253,700)</b>	<b>(203,550)</b>

These regional branches are registered with the Registrar of Societies individually and file their annual returns separately. Therefore amalgamation of branches' accounts are not applicable.

**15. Inter-society activities**

	<b>2008 RM</b>	<b>2007 RM</b>
These represent subscriptions incurred in relation to:		
Malaysian Structural Steel Association (MSSA)	(1,000)	(1,000)
Balai Ikhtisas Malaysia (BIM)	(3,000)	-
World Federation of Engineering Organisations (WFEO)	(2,573)	(2,392)
ASEAN Federation of Engineering Organisation (AFEO)	(710)	(685)
Federation of Engineering Institution of Islamic Countries (FEIIC)(1,710)	(1,855)	
Confederation of Scientific and Technological Association Malaysia (COSTAM)	(100)	(100)
FEIAP	(1,401)	(21)
APPChE	-	(1,780)
EAROPH	(281)	(281)
CREAM	(50)	-
	<b>(10,825)</b>	<b>(8,114)</b>

**16. Bangunan Ingenieur**

	<b>2008 RM</b>	<b>2007 RM</b>
These represent expenses incurred in relation to:		
Licence fee	(303)	-
Quit rent and assessment	(16,217)	(15,839)
Insurance	(3,091)	(4,119)
Building repairs and maintenance	(18,817)	(59,958)
Utilities	(63,712)	(56,586)
	<b>(102,140)</b>	<b>(136,502)</b>

**17. Wisma IEM**

	<b>2008 RM</b>	<b>2007 RM</b>
These represent expenses incurred in relation to:		
Quit rent and assessment	(33,240)	-
Insurance	(6,151)	-
Building repairs and maintenance	(63,678)	-
Utilities	(7,773)	-
	<b>(110,842)</b>	<b>-</b>



**18. Surplus from institutional services**

	Note	2008 RM	2007 RM
These represent surplus/(deficit) from the following:			
Council		(14,832)	(9,398)
Executive committee		(6,568)	(14,392)
Standing committee on:			
- Activities	20	39,341	14,767
- Qualifications and admission	21	(8,253)	(5,108)
- Examinations and training	22	50,271	55,014
- Finance		(6,164)	(2,114)
- Professional practice		(11,510)	11,430
- Information and publications	23	38,851	39,633
- Welfare and service matters	24	11,711	4,353
- Corporate affairs	25	(42,472)	(32,293)
Technical divisions	26	233,701	314,590
Library committee		(6,522)	(18,804)
Graduate and Student section	27	(26,629)	(26,051)
Award committee		(11,166)	(5,976)
Ad-hoc committee		-	(4,366)
		239,759	321,285

**19. Tax expense**

	2008 RM	2007 RM
Current tax expense		
- Current year	-	54,168
- Under provision in prior year	41,354	27,600
	41,354	81,768

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**

	2008 RM	2007 RM
These represent income/(expenses) incurred in relation to:		
Income:		
Activities income	4,533	4,964
	4,533	4,964
Less: Expenditure		
Annual dinner	44,850	19,975
Souvenirs	(1,678)	(1,170)
Seminar/Courses/Carnival	294	(1,066)
Others	11,152	3,827
FEIIC	(147)	(411)
IEM / IES Tripartite	-	(22)
CAFEO	(19,175)	(10,734)
APEC	(38)	(14)
WEC	-	(582)
ASHRAE	(450)	-
	39,341	14,767



**21. Qualifications and admissions committee**

	<b>2008 RM</b>	<b>2007 RM</b>
These represent income/(expenses) incurred in relation to:		
Income		
Evaluation of engineering degree programmes	19,950	19,100
	<hr/>	<hr/>
	19,950	19,100
Less: Expenditure		
Meeting	(858)	(204)
Printing/Circulars	(4,303)	(9,409)
Membership Application Form	(12,490)	(14,144)
Miscellaneous	(2,221)	(64)
Membership Drive	(8,331)	(387)
	<hr/>	<hr/>
	(8,253)	(5,108)

**22. Examinations and training committee**

	<b>2008 RM</b>	<b>2007 RM</b>
These represent income/(expenses) incurred in relation to:		
Income		
Professional interview fee	121,745	105,100
Income from examinations	9,620	4,521
CPD income	39,767	18,195
	<hr/>	<hr/>
	171,132	127,816
Less: Expenditure		
Professional interviewers' fee	(89,975)	(54,809)
Incidental examination expenses	(156)	(1,474)
CPD expenses	(6,218)	(1,600)
PI Workshop	(816)	(9,124)
Other expenses	(23,696)	(5,795)
	<hr/>	<hr/>
	50,271	55,014

**23. Information and publications committee**

	<b>2008 RM</b>	<b>2007 RM</b>
These represent income/(expenses) incurred in relation to:		
Income:		
Advertisements in bulletin	52,776	43,856
	<hr/>	<hr/>
Less: Expenditure		
Meeting	(633)	(301)
Publication permit	(1,000)	(700)
Appreciation to referees	(2,169)	(372)
IEM Book project	(10,013)	-
Others	(110)	(2,850)
	<hr/>	<hr/>
	38,851	39,633



**24. Welfare and service matters committee**

	<b>2008 RM</b>	<b>2007 RM</b>
These represent income/(expenses) incurred in relation to:		
Income		
- Benevolent Income	16,793	47,249
- Engineers Week	19,730	-
- Other income	8,160	540
	<hr/>	<hr/>
	44,683	47,789
Less: Expenditure		
- Meeting	(220)	(342)
- Prize for SPM/STPM achievers	(6,450)	(6,700)
- Forums/Talks/Courses	(540)	(320)
- Printing/Circulars	(1,869)	(6,455)
- Engineers' week	-	(1,120)
- IEM Open house	(14,149)	(12,422)
- Ladies' engineer	(1,250)	(2,334)
- Bereavement allowance	(3,669)	(13,338)
- Survey	(4,800)	-
- Others	(25)	(405)
	<hr/>	<hr/>
	11,711	4,353

**25. Corporate affairs committee**

	<b>2008 RM</b>	<b>2007 RM</b>
These represent expenses incurred in relation to:		
Overseas seminars and conference	(17,434)	(15,491)
Public relation	(3,000)	555
Overseas visitors	(1,760)	(171)
Local social functions	(14,223)	(10,267)
Asean engineers ceremony	(4,074)	(6,919)
Essay writing competition	2,220	-
Others	(4,201)	-
	<hr/>	<hr/>
	(42,472)	(32,293)

**26. Technical divisions**

	<b>2008 RM</b>	<b>2007 RM</b>
These represent surplus/(deficit) from the following:		
Geotechnical Engineering Technical Division	115,334	84,728
Chemical Engineering Technical Division	(10,884)	(2,756)
Project Management Technical Division	8,716	25,398
Building Services Engineering Technical Division	14,334	4,812
Mechanical Engineering Technical Division	44,344	68,114
Civil and Structural Engineering Technical Division	63,469	52,045
Electrical Engineering Technical Division	42,680	55,055
Water Resources Technical Division	(6,490)	20,794
Oil & Gas and Mining Engineering Technical Division	(7,533)	73,662
Production and Manufacturing Engineering Technical Division	(1,215)	(2,613)
Environmental Engineering Technical Division	281	286



Highway and Transportation Engineering Technical Division	(1,550)	(7,606)
Engineering Education Technical Division	42,628	3,781
Information Technology Special Interest Group	231	553
Agricultural and Food Engineering Technical Division	(2,900)	(3,589)
Tunneling and Underground Space Engineering Technical Division	2,612	(2,941)
Technical Divisions – Incentives	(69,783)	(55,133)
Electronic Engineering Technical Division	(573)	-

	233,701	314,590
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**27. Graduate and Student section**

	<b>2008</b>	<b>2007</b>
	<b>RM</b>	<b>RM</b>
These represent income/(expenses) incurred in relation to:		
Income		
- AGM and Annual Dinner	5,450	-
- Courses, seminar & other activities	61,765	32,545
- Sales of Code of Ethics	1,860	2,120
- G/S Annual Booklet 2008	32,000	26,990
- Interest income on fixed deposits	3,497	3,361
- Others	-	180
- Trip to Netherlands	-	144,671

	104,572	209,867
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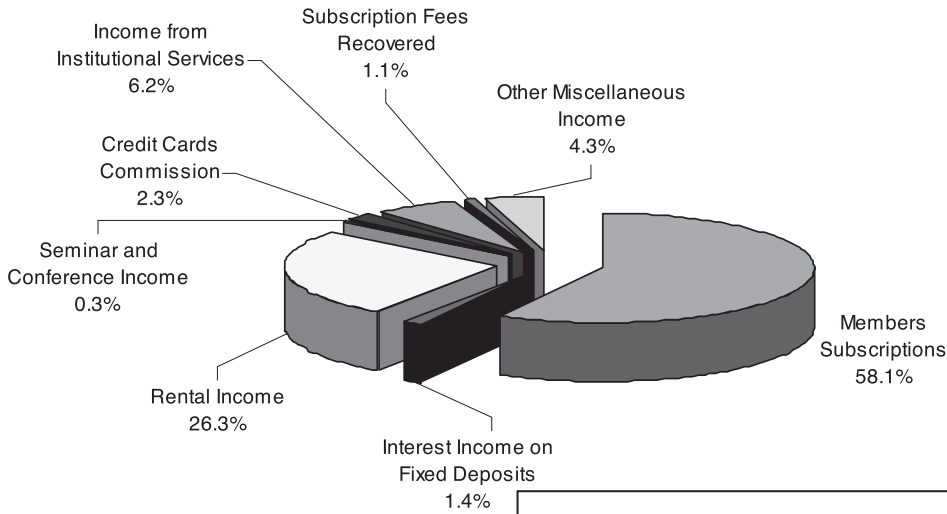
Less: Expenditure		
- AGM and Annual Dinner	(59,927)	(43,452)
- YEAFEO	(3,090)	(4,065)
- Printing and photocopying expenses	(4,629)	-
- Food and refreshments	(439)	-
- Courses Seminars and activities	(46,491)	(28,491)
- Trip to Netherlands	-	(141,978)
- Community projects	(9,304)	-
- Printing of T-shirts for sale	(3,033)	-
- Social activities	(2,544)	(1,246)
- Others	(1,744)	(16,686)

	(131,201)	(235,918)
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	(26,629)	(26,051)
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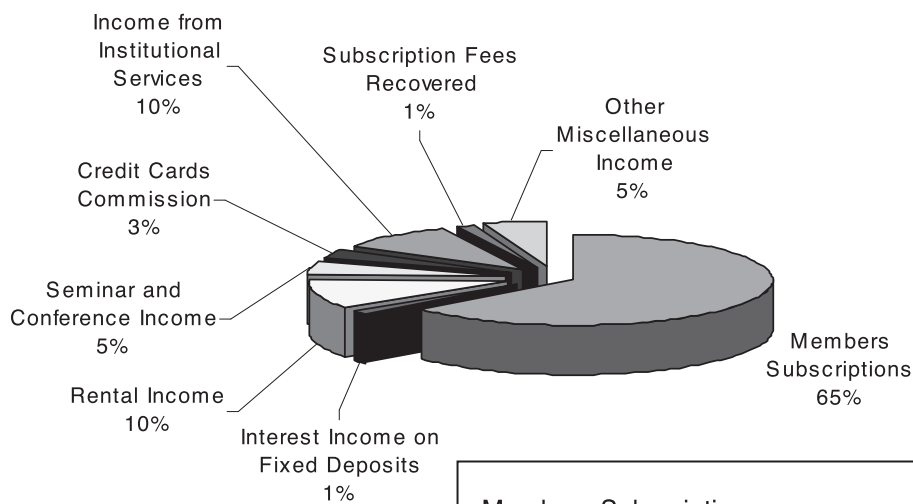


**Income for the year 2008      Total income      RM3,870,329**



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	90,280
Income from Institutional Services	239,759
Subscription Fees Recovered	40,585
Other Miscellaneous Income	168,182

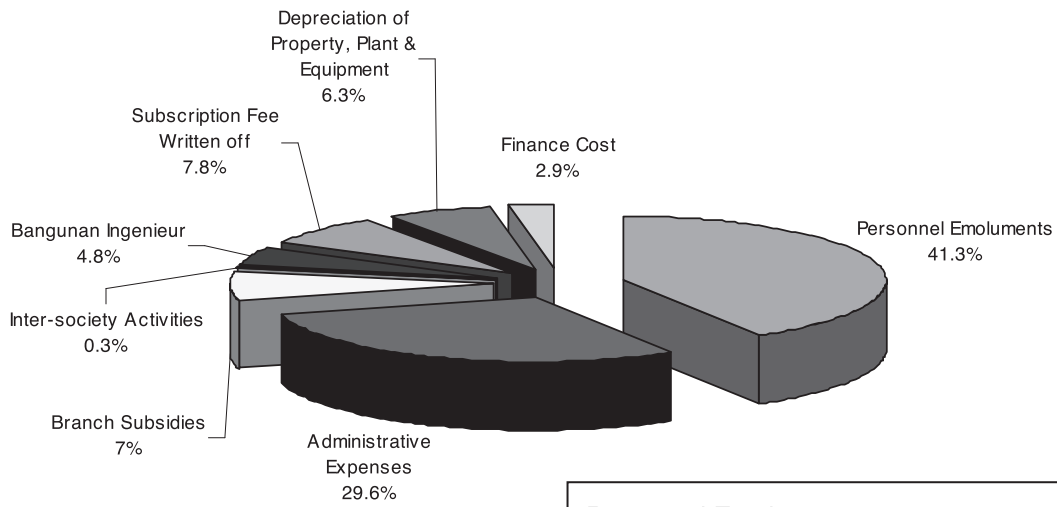
**Income for the year 2007      Total income      RM3,380,243**



Members Subscriptions	2,160,860
Interest Income on Fixed Deposits	50,360
Rental Income	340,940
Seminar and Conference Income	172,126
Credit Cards Commission	112,047
Income from Institutional Services	321,285
Subscription Fees Recovered	41,545
Other Miscellaneous Income	181,080

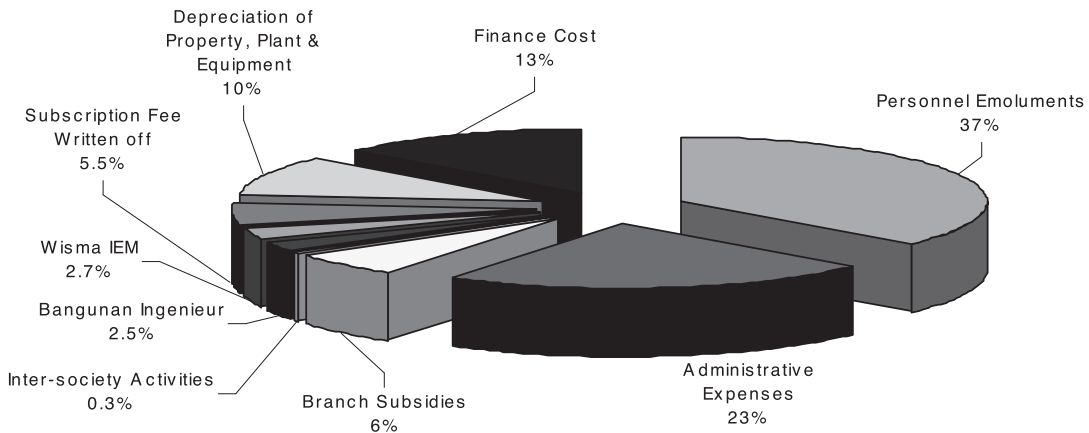


**Expenses for the year 2007      Total Expenses      RM2,852,561**



Personnel Emoluments	1,176,918
Administrative Expenses	845,316
Branch Subsidies	203,550
Inter-society Activities	8,114
Bangunan Ingenieur	136,502
Subscription Fee Written off	221,441
Depreciation of Property, Plant & Equipment	178,895
Finance Cost	81,825

**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
Subscription Fee Written off	222,413
Depreciation of Property, Plant & Equipment	401,922
Finance Cost	545,556
Wisma IEM	110,842



**Statement by the Council of the Institution of Engineers, Malaysia**

In the opinion of the Council, the financial statements set out on pages 137 to 143 are drawn up in accordance with accounting policies adopted by the Education Fund so as to give a true and fair view of the state of affairs of the Institution of Engineers, Malaysia (Education Fund) and of its income and expenditure and cash flows for the year ended on that date.

On behalf of the Council:

.....  
**Dato' Paduka Engr Hj Keizrul bin Abdullah**, FIEM, PEng  
 President

.....  
**Dato' Engr Abu Hashim bin Abd Ghani**, FIEM, PEng  
 Hon Treasurer

Kuala Lumpur,

Date: 17 March 2009

**Statutory declaration by the officer primarily responsible for the financial management of the Education Fund**

I, Dato' Engr. Abu Hashim bin Abd Ghani, FIEM, PEng , 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 137 to 143 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 17 March 2009.

.....  
**Dato' Engr Abu Hashim bin Abd Ghani**, FIEM, PEng  
 Hon Treasurer

Before me:

.....  
 P. THURIRAJOO  
 AMN. PJK.  
 MALAYSIA

NO. 658, TINGKAT 2,  
 BATU 4, JALAN IPOH,  
 51200 KUALA LUMPUR.



## Report on the Financial Statements

We have audited the financial statements of The Institution of Engineers, Malaysia (Education Fund) which comprise the balance sheets as at 31 December 2008 of the Institution and the income and expenditure and cash flow statements of the Education Fund for the year then ended, and a summary of significant accounting policies and other explanatory notes, as set out on pages 139 to 143.

### *Council's Responsibility for the Financial Statements*

The Council is responsible for the preparation and fair presentation of these financial statements in accordance with accounting policies adopted by the Council. 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 Council Fund as to give a true and fair view of the financial position of the Education Fund as of 31 December 2008 and of their financial performance and cash flows for the year then ended.

### **Other Matters**

This report is made solely to the members of the Institution 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

Date: 17 March 2009

Petaling Jaya



## Balance sheet at 31 December 2008

	Note	2008 RM	2007 RM
<b>Plant and equipment</b>	3	3,646	6,911
<b>Intangible asset</b>	4	38,090	50,786
<b>Current assets</b>			
Other receivables	5	1,583,007	1,625,004
Cash and cash equivalents	6	1,119,017	802,954
		2,702,024	2,427,958
<b>Current liabilities</b>			
Other payables and accrued expenses	7	18,590	73,856
<b>Net current assets</b>		2,683,434	2,354,102
		2,725,170	2,411,799
<b>Financed by:</b>			
Accumulated funds		2,725,170	2,411,799

The financial statements were approved and authorised for issue by the Council of the Institution on 16 March 2009.

The notes set out on pages 139 to 142 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 2008

	Note	2008 RM	2007 RM
<b>Income</b>			
Donation received		319,985	55,936
Bank interest		2,470	205
Fixed deposits interest income		28,291	40,383
Other income		9	7
		350,755	96,531
<b>Less: Expenditure</b>			
Auditors' remuneration		2,000	2,000
Release of unused provision		(4,000)	-
Bank charges		75	98
Depreciation	3	3,265	3,265
Gold Medal award		-	140
Professional fees and tax services		1,552	-
CAFEO		9,043	7,114
Sponsorship expenses		1,500	2,000
Scholarship		9,000	15,000
Amortisation of intangible assets		12,696	12,696
Miscellaneous		-	418
		35,131	42,731



<b>Surplus before taxation</b>		315,624	53,800
Tax expense	8	(2,253)	-
<b>Surplus for the year</b>		314,371	53,800
Accumulated funds brought forward		2,411,799	2,357,999
<b>Accumulated funds carried forward</b>		2,725,170	2,411,799

The notes set out on pages 139 to 142 form an integral part of, and should be read in conjunction with, these financial statements.

#### Cash flow statement for the year ended 31 December 2008

	<b>2008</b>	<b>2007</b>
	<b>RM</b>	<b>RM</b>
<b>Cash flows from operating activities</b>		
Surplus before taxation	313,371	53,800
Adjustment for:		
Depreciation	3,265	3,265
Amortisation of intangible assets	12,696	12,696
Operating surplus before working capital changes	329,332	69,761
Changes in working capital:		
Other receivables	41,997	(860,487)
Other payables	(53,013)	(32,886)
Cash generated from/(used in) operations	318,316	(823,612)
Income taxes paid	(2,253)	-
<b>Net cash generated from/(used in) operating activities</b>	<b>316,063</b>	<b>(823,612)</b>
<b>Net increase/(decrease) in cash and cash equivalents</b>	<b>316,063</b>	<b>(823,612)</b>
<b>Cash and cash equivalents at beginning of year</b>	<b>802,954</b>	<b>1,626,566</b>
<b>Cash and cash equivalents at end of year</b>	<b>1,119,017</b>	<b>802,954</b>
<b>Cash and cash equivalents comprise:</b>		
Deposits with licensed banks	1,077,115	800,112
Cash at bank	41,902	2,842
	<b>1,119,017</b>	<b>802,954</b>

The notes set out on pages 139 to 142 form an integral part of, and should be read in conjunction with, these financial statements.

#### Notes to the financial statements

##### 1. Principal activity

The principal activity of 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, research 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 Institution is stated at cost less any accumulated amortisation and any accumulated losses.

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 of intangible assets.

### (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) Recognition of income

#### *Interest income*

Interest income is recognised in the income statement as it accrues, taking into account the effective yield on the asset.

### (h) 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 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.

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

	Office equipment RM	Furniture and fittings RM	Computers RM	Total RM
<b>Cost</b>				
At 1 January 2008/ 31 December 2008	32,645	41,050	20,348	94,043
<b>Depreciation</b>				
At 1 January 2008	25,734	41,050	20,348	87,132
Charge for the year	3,265	-	-	3,265
At 31 December 2008	28,999	41,050	20,348	90,397
<b>Net book value</b>				
At 31 December 2008	3,646	-	-	3,646
At 31 December 2007	6,911	-	-	6,911
Depreciation charge for the year ended 31 December 2007	3,265	-	-	3,265

### 4. Intangible asset

	Software RM
<b>Cost</b>	
At 1 January 2008	63,482
At 31 December 2008	63,482
<b>Amortisation</b>	
At 1 January 2008	12,696
Amortisation for the year	12,696
At 31 December 2008	25,392
<b>Carrying amounts</b>	
At 31 December 2008	38,090
At 31 December 2007	50,786



#### 5. Other receivables

	<b>2008</b>	<b>2007</b>
	<b>RM</b>	<b>RM</b>
Fixed deposit interest receivable	7,148	5,860
Advance to IEM - Main accounts	1,473,807	1,516,392
Advance to IEM Eastern Branch	84,300	100,000
ACFM advance	15,000	-
Other receivable	2,752	2,752
	<b>1,583,007</b>	<b>1,625,004</b>

Advances to IEM are unsecured, interest free and have no fixed terms of repayment.

#### 6. Cash and cash equivalents

	<b>2008</b>	<b>2007</b>
	<b>RM</b>	<b>RM</b>
Fixed deposits with licensed banks	1,077,115	800,112
Cash at bank	41,902	2,842
	<b>1,119,017</b>	<b>802,954</b>

#### 7. Other payables and accrued expenses

	<b>2008</b>	<b>2007</b>
	<b>RM</b>	<b>RM</b>
Amount due to IEM	590	55,856
Other payables	18,000	18,000
	<b>18,590</b>	<b>73,856</b>

Amount due to IEM is unsecured, interest free and no fixed terms of repayment.

#### 8. Tax expense

	<b>2008</b>	<b>2007</b>
	<b>RM</b>	<b>RM</b>
Under provision in prior year	2,253	-

The tax expense is in respect of prior year tax paid on interest income.

Since the Fund is an approved institution under Section 44(6), then Para 13(a) of Schedule 6, Income Tax Act 1967 applies, stating that all income for year of assessment 2008 are exempted except for dividend income and interest income.