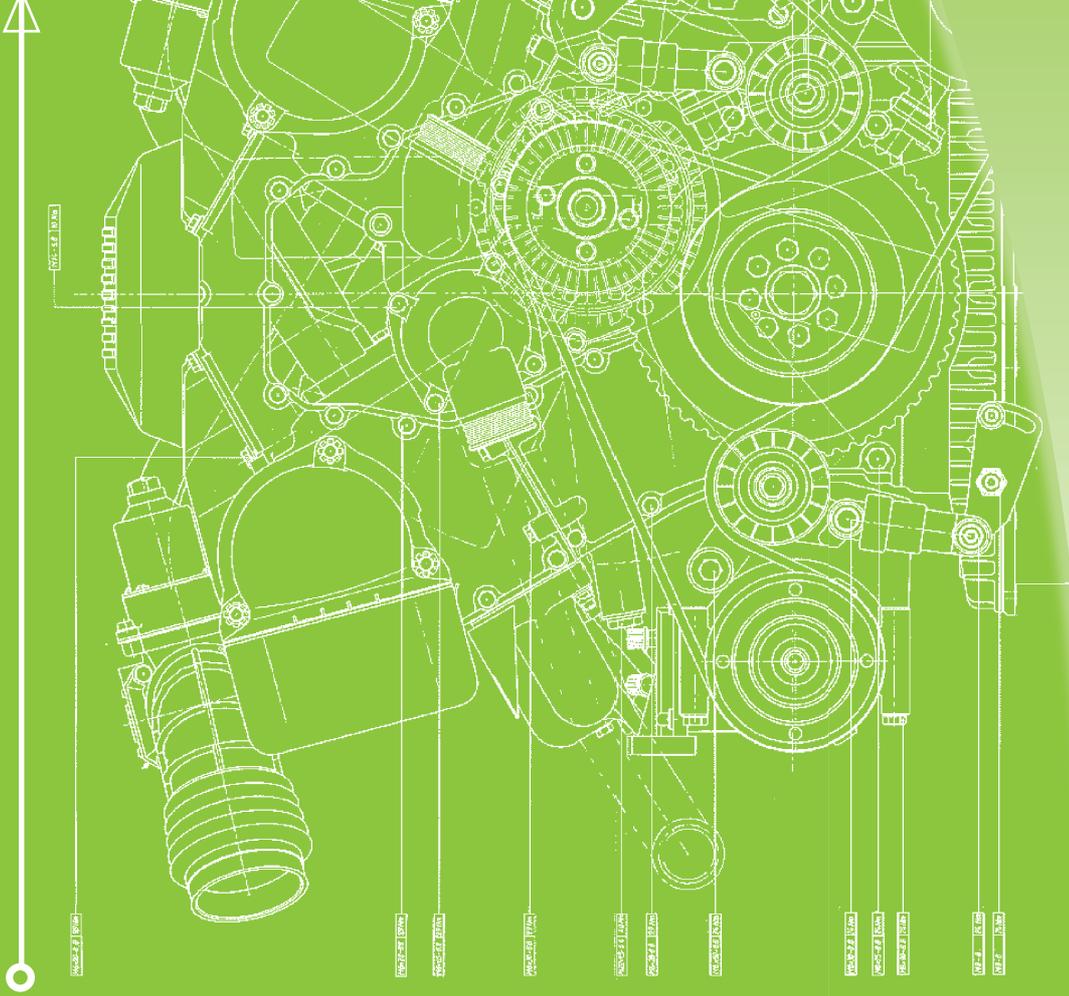
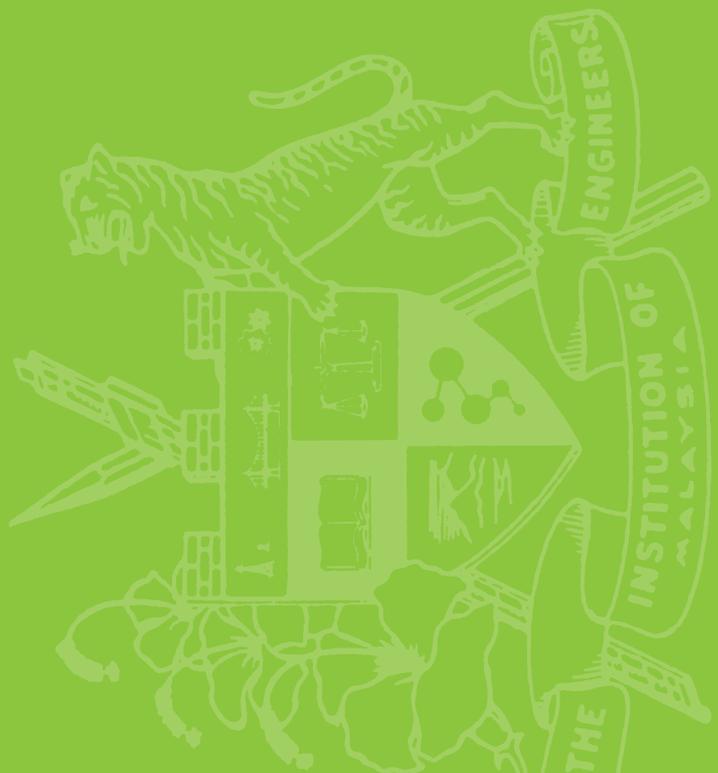


JURUTERA MALAYSIA



LAPORAN TAHUNAN KE 52

52 ANNUAL REPORT



IEM 2011

PORAN TAHUNAN KE 52 ANNUAL REPORT

THE INSTITUTION OF ENGINEERS MALAYSIA



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| Session | Past Presidents |
|----------------|---|
| 1959/62 | Allahyarham Tan Sri Ir. (Dr) Haji Yusoff bin Haji Ibrahim |
| 1962/64 | Allahyarham Raja Tan Sri Ir. Zainal bin Raja Sulaiman |
| 1966/66 | Late Ir. Thean Lip Thong |
| 1966/68 | Late Tan Sri Datuk Ir. Prof. Chin Fung Kee |
| 1968/69 | Late Ir. Ow Yang Hong Chiew |
| 1969/70 | Late Ir. Chan Peng Khuen |
| 1970/72 | Y.Bhg. Tan Sri Dato' (Dr) Ir. Haji Abu Zarim bin Haji Omar |
| 1972/74 | Late Y.Bhg. Academician Tan Sri Ir. (Dr) J. G. Daniel |
| 1974/75 | Allahyarham Tan Sri Datuk Ir. Haji Halaluddin bin Mohd. Ishak |
| 1975/1977 | Late Ir. Chan Khee Poh |
| Apr–Dec 1977 | Allahyarham Tan Sri Datuk Ir. Mahfoz bin Khalid |
| 1977/79 | Allahyarham Tuan Haji Mohd. Razali bin Bidin |
| 1979/81 | Late Ir. Wong Kin Hong |
| 1981/82 | Ir. Chiam Teong Tee |
| 1982/84 | Allahyarham Tan Sri Datuk Ir. Haji Mohd. Hassan bin Abdul Wahab |
| 1984/86 | Y.Bhg. Dato' Ir. Pang Leong Hoon |
| 1986/88 | Ir. Tuan Haji Abdul Rahman bin Yaacob |
| 1988/90 | Y.Bhg. Academician Dato' Ir. Lee Yee Cheong |
| 1990/92 | Allahyarham Dato' Ir. Mustafa bin Ahmad |
| 1992/93 | Ir. Chong Pick Eng (P.E. Chong) |
| 1993/95 | Y.Bhg. Dato' Ir. Abdul Rashid bin Ahmad |
| 1995/97 | Ir. Dr. Ting Wen Hui |
| 1997/99 | Ir. Tuan Haji Mohd. Mazlan bin Md. Ismail Merican |
| 1999/01 | Y.Bhg. Datuk Ir. (Dr) Haji Ahmad Zaidee bin Laidin |
| 2001/03 | Ir. Dr. Gue See Sew |
| 2003/05 | Y.Bhg. Dato' Ir. Prof Abang Abdullah bin Abang Ali |
| 2005/07 | Y.Bhg. Datuk Ir. Prof. Dr Ow Chee Sheng |
| 2007/09 | Y.Bhg. Dato' Paduka Ir. Prof. (Dr) Keizrul bin Abdullah |

FELLOW KEHORMAT TERTINGGI, IEM**IEM DISTINGUISHED HONORARY FELLOW**

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

FELLOW KEHORMAT, IEM**IEM HONORARY FELLOW**

| Year | Name of Recipients |
|-------------|--|
| 1981 | Allahyarham Tan Sri Ir. (Dr) Haji Yusoff bin Haji Ibrahim |
| 1981 | Allahyarham Raja Tan Sri Ir. Zainal bin Raja Sulaiman |
| 1981 | Late Ir. Thean Lip Thong |
| 1981 | Late Tan Sri Datuk Ir. Prof. Chin Fung Kee |
| 1982 | Y.Bhg. Tan Sri Dato' (Dr) Ir. Haji Abu Zarim bin Haji Omar |
| 1982 | Late Y.Bhg. Academician Tan Sri Ir. (Dr) J. G. Daniel |
| 1984 | Y.A.Bhg. Tun Dr. Mahathir bin Mohamed <i>(transferred to Grade of Distinguished Hon Fellow in 2004)</i> |
| 1986 | Ir. Chiam Teong Tee |
| 1986 | Allahyarham Tan Sri Datuk Ir. Haji Mohd. Hassan bin Abdul Wahab |
| 1988 | Allahyarham Tun Hussein Onn |
| 1989 | DYMM Paduka Seri Sultan Azlan Muhibbuddin Shah Ibni al-Marhum Sultan Yussuf Izzuddin Shah Ghafarullahu-Lah |
| 1991 | Y.Bhg. Dato' Ir. Pang Leong Hoon |
| 1991 | Prof. Dr. Ing. B. J. Habibie |
| 1993 | Allahyarham Dato' Ir. Mustafa bin Ahmad |
| 1993 | Y.Bhg. Tan Sri Dato' Ir. (Dr.) Shamsuddin bin Abdul Kadir |
| 1993 | Y.Bhg. Academician Dato' Ir. Lee Yee Cheong <i>(transferred to Grade of Distinguished Hon Fellow in 2010)</i> |
| 1994 | Al-Marhum Tuanku Ja'afar Ibni al-Marhum Tuanku Abdul Rahman |
| 1995 | Y.Bhg. Datuk Amar (Dr) Leo Moggie |
| 1998 | Y.A.Bhg. Tun Daim Zainuddin |
| 2001 | Y.A.B. Dato' Seri Abdullah bin Haji Ahmad Badawi |
| 2003 | Y.Bhg. Dato' Seri Law Hieng Ding |
| 2004 | Y.Bhg. Datuk Tham Nyip Shen |
| 2006 | Late Ir. Teoh Cheng Hock (Ir. C.H. Teoh) |
| 2007 | Y.Bhg. Tan Sri Dato' Ir. Haji Zaini bin Omar |
| 2008 | YAB Pehin Seri Tan Sri Dr Haji Abdul Taib bin Mahmud |
| 2008 | YAB Datuk Seri Panglima Musa bin Haji Aman |
| 2008 | YAB Dato' Seri Ir. Hj Mohammad Nizar bin Jamaluddin |
| 2009 | Y.Bhg. Dato' Sri Ir. Mohd Zin bin Mohamed |

AHLI KEHORMAT, IEM**IEM HON MEMBER**

| Year | Name of Recipient |
|-------------|---------------------------|
| 2009 | Late Master Yeoh Tong Eng |

IEM VISION

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

MISSION

IEM shall promote sound professional engineering practice in support of the socio-economic development objectives of the nation.

IEM shall service the needs and interests of its members and the public and uphold the social standing and image of the engineering profession.

IEM shall contribute towards nation building and shall strive to enhance society's consciousness of science and technology.

FUNCTIONS

IEM is a society established to promote and advance the Science and Profession of Engineering in any or all its disciplines and to facilitate the exchange of information and ideas related the Engineering.

OBJECTIVES OF THE INSTITUTION

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

- (a) to hold meetings, exhibitions and visits, and such other activities as The Institution may deem incidental or conducive to the promotion or attainment of the profession of engineering;
- (b) to raise the character and status and advance the interests of the profession of engineering and those engaged therein;
- (c) to promote honorable practice, and professional etiquette among members of The Institution;
- (d) to communicate to members information on all matters affecting the profession of engineering and to print, publish, issue and circulate such publications as may seem conducive to any of the objects of The Institution; and
- (e) to do such other things as the Institution may think incidental or conducive to the attainment of the objects of The Institution.



| <i>Position</i> | <i>Name</i> | |
|--|--|-------------------------------|
| President | Y.Bhg. Dato' Ir. Prof. Dr Chuah Hean Teik | |
| Deputy President | Ir. Vincent Chen Kim Kieong | |
| Vice Presidents | Ir. M.C. Hee | |
| | Ir. Lee Weng Onn | |
| | Y.Bhg Datuk Ir. Rosaline Ganendra | |
| | Ir. Yim Hon Wa | |
| | Ir. Prof. Dr Ruslan bin Hassan | |
| | Y.Bhg. Dato' Ir. Hj Abdul Rashid bin Maidin | |
| | Ir. Choo Kok Beng | |
| Honorary Secretary | Ir. Prof. Dr Lee Teang Shui | |
| Honorary Treasurer | Ir. Assoc Prof. Dr Jeffrey Chiang Choong Luin | |
| Council Member - Civil Rep | Ir. Dr Mohd Zamin bin Jumaat | |
| Council Member - Mechanical Rep | Ir. Phillip Tan Chee Lin @ Tan Ah Kow | |
| Council Member - Electrical Rep | Ir. Yusouf bin Ahmad | |
| Council Member - Structural Rep | Ir. Tu Yong Eng | |
| Council Member - Chemical Rep | Ir. Razmahwata bin Mohamad Razalli | |
| Council Member - Rep to Other Disciplines | Ir. Assoc. Prof. Dr Cheong Kuan Yee | |
| Council Members - Ordinary Rep | Ir. S. Kukanesan | |
| | Ir. Lai Sze Ching | |
| | Ir. Manogaran a/l K.Raman | |
| | Ir. Oon Chee Kheng | |
| | Ir. Li Thang Fai | |
| | Ir. Assoc Prof Dr Mohd Saleh bin Jaafar | |
| | Ir. Noor Hisham bin Yahaya | |
| | Ir. Prof. Dr Lee Sze Wei | |
| | Ir. Tuan Hj Mohd Ali bin Yusoff | |
| | Ir. Yee Yew Weng | |
| | Ir. Mah Soo | |
| | Ir. Dr Ahmad Anuar bin Othman | |
| | Ir. Kok Yen Kwan | |
| | Ir. Yau Chau Fong | |
| | Ir. Wong Chee Fui | |
| | Ir. Mohd Khir bin Muhammad | |
| | Y.Bhg Dato' Ir. Haji Mohd Isa bin Hj Sarman | |
| | Ir. Assoc. Prof. Dr Marlinda binti Abd. Malek | |
| | Y.Bhg. Dato' Ir. Lim Chow Hock | |
| | Ir. David Lai Kong Phooi | |
| | Y.Bhg. Dato' Ir. John Chee Shi Tong | |
| | Ir. Gopal Narian Kutty | |
| | Ir. Tan Yean Chin | |
| | Y.Bhg Dato' Ir. Ahmad Murad bin Hj Omar | |
| | Ir. David Ng Shiu Yuen | |
| | Ir. Kim Kek Seong | |
| | Ir. Chong Chew Fan | |
| Council Members - By Appointment | Y.Bhg. Dato Ir. Haji Ahmad Husaini bin Sulaiman | |
| | Y.Bhg. Dato Ir. (Dr) Seo Kian Haw | |
| | Y.Bhg. Dato' Dr Ir. Gan Thian Leong | |
| Immediate Past President | YBhg. Dato' Paduka Ir. Prof. (Dr) Keizrul bin Abdullah | |
| Past Presidents | YBhg. Dato' Ir. Pang Leong Hoon | |
| | YBhg. Dato' Ir. (Dr) Haji Ahmad Zaidee bin Laidin | |
| | YBhg. Datuk Ir. Prof. Dr Ow Chee Sheng | |
| | Ir. P.E. Chong | |
| | Ir. Dr Gue See Sew | |
| Branch Representatives | Ir. Ng Sin Chie | <i>Penang Branch</i> |
| | Ir. Mohd Khir bin Muhammad | <i>Southern Branch</i> |
| | Ir. Assoc Prof. Dr Md. Azlin bin Md. Said | <i>Perak Branch</i> |
| | Ir. Roslan bin Abd. Azis | <i>Eastern Branch</i> |
| | Ir. Mohd Azmi bin Ali | <i>Terengganu Branch</i> |
| | Ir. Haji Baharuddin bin Ahmad Nasir | <i>Negeri Sembilan Branch</i> |
| | Ir. Mohd Khalid bin Nasir | <i>Malacca Branch</i> |
| | Ir. Dr John Panil | <i>Sarawak Branch</i> |
| | Ir. Teo Chee Kong | <i>Sabah Branch</i> |
| | Ir. Peter Ting Kang Ngii | <i>Miri Branch</i> |
| | Ir. Hj Mohd. Saiful bin Mohd Sohod | <i>Kedah-Perlis Branch</i> |



1 March 2011

Ref No: IEM11/HQ/041/AGM - 4 CPD hours

To all members of
The Institution of Engineers, Malaysia

**NOTICE OF 52ND ANNUAL GENERAL MEETING
Saturday, 16 April 2011, 9.00 am at Wisma IEM**

In accordance with Section 7.5 of the Bylaws, notice is hereby given that the 52nd Annual General Meeting of The Institution of Engineers, Malaysia shall be held at Tan Sri Prof Chin Fung Kee Auditorium, 3rd Floor, Wisma IEM, 21 Jalan Selangor, Petaling Jaya on **Saturday, 16 April 2011** on **9.00 am**.

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

1. Welcoming Address by the President for Session 2010/2011.
2. Confirmation of Minutes of the 51st Annual General Meeting held on 17 April 2010.
3. Matters Arising.
4. Annual Report for Session 2010/2011.
5. Discussion on written issues from members of which written notice is submitted to reach IEM Secretariat by 1 April 2011. *Please note that no matters under this item shall be discussed, unless prior written notice is received by 1 April 2011. This is in accordance to our Constitution & Bylaws.*
6. Announcement of Results of Election for Council Session 2011/2012.
7. Change of Office Bearers
8. Election of Honorary Internal Auditors.
9. Appointment of External Auditors.
10. Any Other Business
11. Presidential Address 2011/2012.

Ir. Prof. Dr. Lee Teang Shui
Hon. Secretary

**Yang Dipertua**

Dato' Ir. Prof. Dr Chuah Hean Teik

Timbalan Yang Dipertua

Ir. Vincent Chen Kim Kieong

Naib Yang Dipertua

Dato' Ir. Hj. Abdul Rashid bin Maidin

Ir. M.C. Hee

Ir. Choo Kok Beng

Ir. Lee Weng Onn

Ir. Prof. Dr Ruslan bin Hassan

Ir. Yim Hon Wa

Datuk Ir. Rosaline Ganendra

Setiausaha Kehormat

Ir. Prof. Dr Lee Teang Shui

Bendahari Kehormat

Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin

Ahli-Ahli

Ir. Tan Yean Chin

Ir. Yau Chau Fong

Ir. David Lai Kong Phooi

Ir. Li Thang Fai

Ir. Prof. Dr Lee Sze Wei

Ir. P.E. Chong

Ir. Gopal Narian Kutty

Dato' Ir. Lim Chow Hock

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

Dato' Ir. Prof. Dr Chuah Hean Teik

Timbalan Pengerusi

Ir. Vincent Chen Kim Kieong

Setiausaha Kehormat

Ir. Prof. Dr Lee Teang Shui

Bendahari Kehormat

Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin

Ahli-Ahli

Dato' Ir. Hj. Abdul Rashid bin Maidin

Ir. M.C. Hee

Ir. Choo Kok Beng

Ir. Lee Weng Onn

Ir. Prof. Dr Ruslan bin Hassan

Ir. Yim Hon Wa

Datuk Ir. Rosaline Ganendra

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

Tidak dilantik (No appointment)

Ex-Officio

Timbalan Yang Dipertua, IEM

Pengerusi, Jawantakuasa Tetap Kebajikan dan Hal Ehwal
Perkhidmatan

Setiausaha Kehormat, IEM

Bendahari Kehormat, IEM

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

KPMG

Juruaudit Dalam Kehormat

Ir. Awangku Hidup bin Awangku Hosain

Ir. Prof. Madya Dr. Siti Hawa Hamzah (*Council's Appointment*)



JAWATANKUASA TETAP KEWANGAN

(Standing Committee on Finance)

Pengerusi

Ir. Vincent Chen Kim Kieong

Naib Pengerusi

Ir. Prof. Dr Lee Teang Shui

Setiausaha

Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin

Ahli- Ahli

Ir. Mohd. Aman bin Hj. Idris

Ir. Khor Hock Keat

Ir. Mah Soo

Dato' Ir. (Dr) Andy Seo Kian Haw

Dato' Ir. Lim Chow Hock

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

Ir. Tan Yean Chin

Ir. Yee Yew Weng

Ir. Kukanesan a/l Sakthiveil

JAWATANKUASA TETAP KELAYAKAN DAN KEMASUKAN KEAHLIAN

(Standing Committee on Qualifications and Admissions)

Pengerusi

Ir. Yim Hon Wa

Naib Pengerusi

Ir. Yau Chau Fong

Setiausaha

Ir. Ishak bin Abdul Rahman

Ahli-Ahli

Ir. Mohd Khir bin Muhammad

Ir. Mah Soo

Ir. Prof. Dr Zainal Abidin bin Ahmad

Ir. Noor Hisham bin Yahaya

Ir. Lee Boon Chong

Ir. Dr Muhamad Fuad bin Abdullah

Ir. Hj. Mohamed Ali bin Yusoff

Ir. Mohd. Aman bin Hj. Idris

Ir. Lai Sze Ching

Datuk Ir. Prof. Dr Ow Chee Sheng

Ir. Dr Abu Bakar bin Mahat

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

Ir. Ong Ching Loon

Ir. Wong Chee Fui

Ir. Prof. Dr Lee Sze Wei

Ir. Hj. Tunai Shamsidi bin Ahmad

Ir. Prof. Madya Shuib bin Sahudin

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

Ir. David Lai Kong Phooi

Ir. David Ng Shiu Yuen

Ir. Dr Philip Tan Chee Lin

Ir. Razmahwata bin Mohd. Razalli

Ir. Kok Yen Kwan

Ir. Ms. June Lau Yuk Ma

Ir. Prof. Dr Mohd. Zamin bin Jumaat

Ir. Prof. Dr Chung Boon Kuan

Ir. Dr Cheong Kuan Yew

Ir. Woo Ah Keong

Ir. Manogaran a/l K. Raman

Engr. Shuhairy bin Norhisham Grad. IEM *(Wakil S/S)*

JAWATANKUASA TETAP AMALAN PROFESIONAL

(Standing Committee on Professional Practice)

Pengerusi

Ir. Lee Weng Onn

Naib Pengerusi

Ir. P.E. Chong

Setiausaha

Ir. Lai Sze Ching

Ahli-Ahli

Ir. Gunasagaran a/l Kristnan

Ir. Thin Choon Chai

Ir. Mun Kwai Peng

Ir. Chiam Teong Tee

Ir. Yee Yew Weng

Ir. Ng Yong Kong

Ir. Hj. Tunai Shamsidi bin Ahmad

Ir. Dr Wong Chin Chaw

Ir. Chong Chew Fon

Ir. Dr Ooi Teik Aun

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

Dato' Ir. Pang Leong Hoon

Dato' Ir. Gan Thian Leong

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

Ir. Oon Chee Kheng

Ir. Gopal Narian Kuttu

Ir. Yusouf bin Ahmad

Ir. Chong Thaw Sing

Dato' Ir. Hj Mohd Isa bin Hj Sarman

Engr. Stanley Yap Yun Siong Grad. IEM *(Wakil S/S)*

Engr. Ms Wong Yoke Mei Grad. IEM *(Wakil S/S) (Alternate)*

JAWATANKUASA TETAP PEPERIKSAAN DAN LATIHAN

(Standing Committee on Examinations and Training)

Pengerusi

Ir. Prof. Dr Ruslan bin Hassan

Naib Pengerusi

Ir. Prof. Dr Lee Sze Wei

Setiausaha

Ir. Kok Yen Kwan

Ahli-Ahli

Ir. Kukanesan a/l Sakthiveil

Ir. Hoo Choon Sean

Ir. Juares Rizal bin Abdul Hamid

Dato' Ir. Lim Chow Hock

Ir. Dr Norlida bt Bunyamin

Ir. Li Thang Fai

Ir. Tu Yong Eng

Ir. Loo Chee Kin

Ir. Dr Ahmad Anuar bin Othman

Ir. Dr Nor Mariah bt Adam

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

Ir. Chong Chew Fan

Ir. Razmahwata bin Mohd. Razalli

Ir. Dr Muhamad Fuad bin Abdullah

Ir. Mohd. Aman bin Hj. Idris

Ir. Prof. Dr Syed Abdul Kader bin Shaik Aljunid

Ir. Rocky Wong Hon Thang

Ir. Prof. Dr Mohd. Saleh bin Jaafar

Ir. Tee Tong Kher

Ir. David Ng Shiu Yuen

Ir. Dr Cheong Kuan Yew

Ir. Prof. Madya Dr Marlinda bt Abdul Malek

Engr. Philip D'Cruz Grad. IEM

Engr. Stanley Yap Yun Siong Grad. IEM *(Wakil S/S)*

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

Ir. Choo Kok Beng

Naib Pengerusi

Ir. David Lai Kong Phooi

Setiausaha

Ir. Chong Chew Fan

Ahli-Ahli

Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah
Dato' Ir. (Dr) Andy Seo Kian Haw
Dato' Ir. First Admiral (R) Hj. Ahmad Murad bin Hj. Omar
Ir. Hj. Mohamed Ali bin Yusoff
Ir. Manogaran a/l K. Raman
Dato' Ir. Hj. Abdul Rashid bin Maidin
Engr. Mah Way Sheng Grad. IEM (*Wakil S/S*)
Engr. Teoh Yeong Keat Grad. IEM (*Wakil S/S*) (*Alternate*)

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

Ir. M.C. Hee

Naib Pengerusi

Ir. Li Thang Fai

SetiausahaIr. Gunasagaran a/l Kristnan (*Wakil Lebuhraraya dan Pengangkutan*)**Ahli-Ahli**

Dato' Ir. Ahmad Husaini bin Sulaiman
Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin
Ir. Kim Kek Seong
Ir. Gopal Narian Kutty
Engr. Zulhafiz bin Tajudin Grad. IEM (*Wakil Chem-E-Car 2011*)
Ir. Dr Ahmad Anuar bin Othman (*Wakil Pertandingan Golf*)
Ir. Adrian Yong Fui Kiew (*Wakil Jurutera Perunding*)
Ir. Dr Thomas Choong Shean Yaw (*Wakil Kimia*)
Ir. David Ng Shiu Yuen (*Wakil Awam & Struktur*)
Ir. Lim Kim Ten (*Wakil Elektrik*)
Engr. Balamuralithara a/l Balakrishnan Grad. IEM (*Wakil Pendidikan*)
Ir. Santha Kumaran a/l Erusan @ Krishnan (*Wakil Alam Sekitar*)
Engr. Dr Hoh See Min Grad. IEM (*Wakil Teknologi Maklumat*)
Ir. Dr Cheong Thiam Fook (*Wakil Mekanik*)
Ir. Al-Khairi bin Mohd Daud (*Wakil Minyak dan Gas*)
Ir. Yap Soon Hoe (*Wakil Pengurusan Projek*)
Ir. Ong Sang Woh (*Wakil Terowong*)
Ir. Ellias bin Saidin (*Wakil Sumber Air*)
Ir. Chow Chee Meng (*Wakil Geoteknik*)
Ir. Jagathisen s/o Siva Perumal (*Wakil Pembuatan*)
Engr. Vasan a/l Muriappan Grad. IEM (*Wakil Pertanian dan Makanan*)
Engr. Wong Win Heng Grad. IEM (*Wakil Khidmat Bangunan*)
Engr. Shuhairy bin Norhisham Grad. IEM (*Wakil S/S*)
Engr. Navinderan a/l Mageswaran Grad. IEM (*Wakil S/S*)

JAWATANKUASA TETAP KEBAJIKAN DAN HAL EHWAL PERKHIDMATAN*(Standing Committee on Welfare and Service Matters)***Pengerusi**

Datuk Ir. Rosaline Ganendra

Naib Pengerusi

Dato' Ir. Lim Chow Hock

Setiausaha

Ir. Suraj Parkash

Ahli-Ahli

Ir. Ong Ching Loon
Dato' Ir. Hj. Mohd Isa bin Hj. Sarman
Ir. Dr Philip Tan Chee Lin
Dato' Ir. Ahmad Husaini bin Sulaiman
Ir. Choo Kok Beng
Ir. Yau Chau Fong
Ir. Khor Hock Keat
Ir. Yusouf bin Ahmad
Ir. Kim Kek Seong
Ir. Dr Abdul Rahim bin Bidin
Ir. Awangku Hidup bin Awangku Hosain
Ir. Rocky Wong Hon Thang
Ir. Fong Tian Yong
Ir. Gary Lim Eng Hwa
Ir. Ms. June Lau Yuk Ma
Ir. Soo Tian Tiong
Ir. Ng Yong Kong
Ir. Wong Chee Fui
Ir. Siew Yaw Jen
Engr. Yau Chuan Sim Grad. IEM
Engr. Mah Way Sheng Grad. IEM (*Wakil S/S*) (*Alternate*)

JAWATANKUASA TETAP INFORMASI DAN PENERBITAN
(*Standing Committee on Information and Publications*)**Pengerusi merangkap Ketua Pengarang**

Dato' Ir. Hj. Abdul Rashid bin Maidin

Naib Pengerusi

Ir. Tan Yean Chin

Setiausaha

Ir. Lau Tai Onn

Pengarang Buletin

Engr. Abi Sofian bin Abdul Hamid

Pengarang Jurnal

Ir. Prof. Madya Dr Marlinda bt Abdul Malek

Ahli-Ahli

Ir. CMM Aboobucker
Ir. Chin Mee Poon
Ir. Mohd. Aman bin Hj. Idris
Ir. Yee Thien Seng
Ir. Oon Chee Kheng
Ir. Prof. Dr Mohd. Saleh bin Jaafar
Ir. Hj. Look Keman bin Sahari
Ir. Mohd. Khir bin Muhammad
Ir. Prof. Dr Mohd. Zamin bin Jumaat
Ir. Tu Yong Eng
Ir. Prof. Madya Dr Muhammad Azmi bin Ayub
Ir. Yee Yew Weng
Ir. Ong Guan Hock
Datuk Ir. Prof. Dr Ow Chee Sheng
Ir. Allen Cheong Loong Kwong
Ir. Calvin Tey Choo Yew
Engr. Steven Chin Kok Keong Grad. IEM (*Wakil S/S*)
Engr. Shuhairy bin Norhisham Grad. IEM (*Wakil S/S*)



KEWANGAN

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

Pengerusi

Ir. Prof. Dr Lee Teang Shui

Naib Pengerusi

Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin

Ahli-Ahli

Ir. Ng Yong Kong
Ir. Mah Soo
Ir. Gunasagaran a/l Kristnan

KEWANGAN

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

Pengerusi

Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin

Ahli-Ahli

Ir. Boone Lim Boon Chye
Ir. Al-Khairi bin Mohd Daud
Ir. Lee Eng Choy
Ir. Soong Peng Soon
Ir. Hooi Kam Seng
Ir. Thayananthan Balakrishnan
Ir. CMM Aboobucker
Allahyarham Ir. Abdul Karim bin Mohamed Yunus (*sehingga 11.3.11*)

Ir. Lim Chean Fung
Ir. Prof. Madya Dr Law Chung Lim
Ir. Noor Iziddin Abdullah bin Ghazali
Engr. Chow Kok Kin Grad. IEM

KEWANGAN

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

Pengerusi

Datuk Wira Ir. Md Sidek bin Ahmad

Pengerusi Bersama

Ir. Dr Gue See Sew

Ahli- Ahli

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

KELAYAKAN DAN KEMASUKAN KEAHLIAN

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

Pengerusi

Ir. Lee Boon Chong

Naib Pengerusi

Ir. Chew Shee Fuee

Setiausaha

Ir. Hoo Choon Sean

Ahli-Ahli

Ir. Kim Kek Seong
Ir. Chan Zhi Han
Ir. Dr Abu Bakar bin Mahat
Ir. Lee Kok Chong
Ir. Wong Chee Fui
Ir. Spencer Klumai
Ir. Nagur Aziz bin Kamal Bashah
Ir. Juares Rizal bin Abdul Hamid
Ir. Lim Kim Ten
Ir. Razmahwata bin Mohd. Razalli
Ir. Low Tian Huat
Ir. Chen Harn Shen
Ir. Chew Chin Chong
Ir. Prof Madya Dr Faris Tarlochan

KELAYAKAN DAN KEMASUKAN KEAHLIAN

Jawatankuasa Kecil Lembaga Akreditasi
(*IEM Accreditation Board*)

Pengerusi

Ir. Prof. Dr Zainal Abidin bin Ahmad

Naib Pengerusi

Ir. Kukanesan a/l Sakthiveil

Setiausaha

Ir. Hj. Mohamed Ali bin Yusoff

Ahli-Ahli

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

KELAYAKAN DAN KEMASUKAN KEAHLIAN

Jawatankuasa Kecil Menggiatkan Keahlian Dan Bimbingan Kerjaya

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

Pengerusi

Ir. Noor Hisham bin Yahaya

Naib Pengerusi

Ir. Dr. Cheong Thiam Fook

Setiausaha

Ir. Yau Chau Fong



Ahli-Ahli

Ir. Mah Soo
Ir. Prof Madya Dr Shuhaimi bin Mansor
Ir. Ms. June Lau Yuk Ma
Ir. Uthan Anak Chuat
Ir. Savarao a/l Subramonian
Engr. Shuhairy bin Norhisham Grad. IEM (*Wakil S/S*)
Engr. Lee Cheng Pay Grad. IEM (*Wakil S/S*)

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

Pengerusi

Ir. Hoo Choon Sean

Naib Pengerusi

Ir. Mohd. Aman bin Hj. Idris

Ahli-Ahli

Ir. Tar Singh
Ir. Gopal Narian Kutty
Ir. Chan Zhi Han
Ir. Ng Yong Kong
Ir. Dr How You Chuan
Ir. Juares Rizal bin Abdul Hamid
Ir. Noor Hisham bin Yahaya
Ir. Muhammad Guntor Mansor bin Tobeng
Ir. Hj. Mohd. Nor bin Abd. Basar
Ir. Hj. Mohamed Ali bin Yusoff

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

Pengerusi

Ir. Juares Rizal bin Abdul Hamid

Ahli-Ahli

Ir. Lim Kim Ten
Ir. Al-Khairi bin Mohd Daud
Ir. Gunasagaran a/l Kristnan (*Awam*)
Ir. Dr Tee Tiam Ting (*Kimia*)
Ir. Mohd. Azha bin Abu Samah (*Eletrik*)

**PEPERIKSAAN DAN LATIHAN
Jawatankuasa AdHoc Latihan Berstruktur
(AdHoc Committee on Structured Training)**

Pengerusi

Ir. Dr Muhamad Fuad bin Abdullah

Ahli-Ahli

Datuk Ir. Prof. Dr Ow Chee Sheng
Ir. Prof. Dr Syed Abdul Kader bin Shaik Aljunied
Ir. Juares Rizal bin Abdul Hamid
Ir. Yim Hon Wa
Ir. Chen Yew Seong
Ir. Hoo Choon Sean
Ir. Mah Soo

Ir. Lee Peir Tien
Ir. Razmahwata bin Mohd. Razalli
Ir. Prof. Dr Mohd. Saleh bin Jaafar
Ir. Prof. Madya Adnan bin Zulkiple

**PEPERIKSAAN DAN LATIHAN
Jawatankuasa AdHoc Peperiksaan Kelayakan Profesional
(AdHoc Committee on Professional Competency Examinations)**

Pengerusi

Ir. David Ng Shiu Yuen

Ahli-Ahli

Ir. Lim Chean Fung
Ir. Prof. Dr Zainal Abidin bin Ahmad
Ir. Lam Sing Yew
Ir. Gunasagaran a/l Kristnan
Ir. Mah Soo
Ir. Yee Yew Weng
Ir. Ong Sang Woh
Ir. Prof. Madya Dr Lariyah bt Mohd. Sidek
Ir. Razmahwata bin Mohd. Razalli
Ir. Hooi Wing Chuen
Ir. Dr Heng Hock Hwee
Ir. Dr Chong Chien Fatt

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

Pengerusi

Ir. Li Thang Fai

Ahli-Ahli

Ir. Khew Swee Lian
Ir. Hj. Look Keman bin Sahari
Ir. Loo Chee Kin
Ir. Mat Nasir bin Kari
Ir. Hj. Mohamad Asari bin Daud

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

Pengerusi

Ir. Prof. Dr Lee Sze Wei

Ahli-Ahli

Dato' Lt Gen (B) Ir. Ismail bin Samion
Ir. Dr Law Chung Lim
Ir. Dr Ng See Seng
Ir. Fuad bin Abas
Ir. Prof. Dr Mohd. Saleh bin Jaafar
Ir. Dr Thomas Choong Shean Yaw
Ir. Prof. Madya Dr Siti Hawa bt Hamzah
Ir. Mohamad Fadzil bin Adnan @ Nan
Ir. Hj. Mohd Rasid bin Osman
Engr. Prof. Dr Azmi bin Ibrahim Grad. IEM



PEPERIKSAAN DAN LATIHAN

Jawatankuasa Wakil EAC

(IEM representative to EAC)

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

PEPERIKSAAN DAN LATIHAN

Biro Peperiksaan Siswazah IEM/BEM

(IEM/BEM Graduate Examinations Bureau)

Pengerusi

Ir. Prof. Dr Syed Abdul Kader bin Shaik Aljunid

Ahli-Ahli

Ir. Lim Ah Hang
Ir. Hj. Mohd. Nor bin Abd. Basar
Ir. Prof. Dr K.S. Kannan
Ir. Dr Ng See Seng

INFORMASI DAN PENERBITAN

Lembaga Penerbitan IEM

(IEM Editorial Board)

Pengerusi

Dato' Ir. Hj. Abdul Rashid bin Maidin

Pengarang Buletin

Engr. Abi Sofian bin Abdul Hamid Grad. IEM

Pengarang Journal

Ir. Prof. Madya Dr Marlinda bt Abdul Malek

Setiausaha

Ir. Lau Tai Onn

Ahli-Ahli

Ir. Hj. Look Keman bin Sahari
Ir. Prof. Dr Mohd. Saleh bin Jaafar
Ir. Yee Thien Seng
Ir. Yee Yew Weng
Ir. Mohd Khir bin Muhammad
Ir. Calvin Tey Choo Yew *(mulai 13.11.10)*

INFORMASI DAN PENERBITAN

Jawatankuasa Kecil Terbitan Jurnal

(Sub Committee on Publication of Journals)

Pengerusi

Ir. Prof. Madya Dr Marlinda bt Abdul Malek

Setiausaha

Engr. Dr Khairur Rijal bin Jamaludin Grad. IEM

Penasihat

Ir. Prof. Madya Dr Muhammad Azmi bin Ayub

Ahli-Ahli

Ir. Ahmad Rasdan bin Ismail
Ir. Prof. Dr Mohd. Saleh bin Jaafar
Ir. Prof. Madya Dr Luqman Chuah bin Abdullah
Ir. Prof. Madya Dr Junaidah bt Ariffin
Ir. Dr Prof. Madya Arazi bin Idrus
Ir. Dr Ramlee bin Karim
Prof. Madya Dr Zubaidah bt Ismail
Prof. Dr Saad Mekhilef
Ir. Dr Saiful Amri bin Mazlan
Ir. Jagathisen s/o Siva Perumal
Ir. Prof Madya Dr Faris Tarlochan
Ir. Dr Low Kaw Sai
Ir. Ellias bin Saidin
Ir. Lim Kim Ten
Ir. Al-Khairi bin Mohd. Daud

INFORMASI DAN PENERBITAN

Jawatankuasa Kecil Projek Penerbitan Buku IEM dan Kejuruteraan

(Sub Committee on IEM Book Project)

Pengerusi

Dato' Ir. Hj. Abdul Rashid bin Maidin

Ahli-Ahli

Ir. Chin Mee Poon

INFORMASI DAN PENERBITAN

Jawatankuasa Kecil Hal Perpustakaan

(Sub Committee on Library Matters)

Pengerusi

Ir. CMM Aboobucker

Naib Pengerusi

Ir. Gary Lim Eng Hwa

Ahli-Ahli

Ir. Lim Kim Ten
Ir. Boone Lim Boon Chye
Ir. Hsiung Teck Pin
Ir. Allen Cheong Loong Kwong
Ir. Tang Chee Yong

AKTIVITI

Jawatankuasa Kecil Jamuan Makan Malam

Dan Penganugerahan Tahunan 2010

(Sub Committee on IEM Annual Dinner and Awards Night 2010)

Pengerusi

Ir. Gopal Narian Kutty

Penasihat

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

Ahli-Ahli

Ir. Luk Chau Beng
Ir. Yau Chau Fong
Ir. Siew Yaw Jen
Engr. Roland Ngeow Yen Wan Grad. IEM



AKTIVITI

**Jawatankuasa Kecil Jamuan Makan Malam 2011
Ulangtahun IEM Yang ke 52**
(*Sub Committee on IEM 52nd Anniversary Dinner 2011*)

Pengerusi

Ir. Dr Cheong Thiam Fook

Ahli-Ahli

Ir. Gopal Narian Kutty
Ir. Fam Yew Hin
Ir. Noor Hisham bin Yahaya
Ir. Lum Youk Lee
Ir. Dr Tee Tiam Ting
Ir. Jaya Chandar a/l Poloha Nadan
Engr. Shuhairy bin Norhisham Grad. IEM

AKTIVITI

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

Pengerusi

Ir. Dr Ahmad Anuar bin Othman

Ahli-Ahli

Ir. Gary Lim Eng Hwa
Ir. Yim Hon Wa
Dato' Ir. First Admiral (R) Hj. Ahmad Murad bin Hj. Omar

AKTIVITI

Jawankuasa Kecil "Pertandingan Golf 2011"
(*Sub Committee on Golf Competition 2011*)

Pengerusi

Ir. Dr Ahmad Anuar bin Othman

AMALAN PROFESIONAL

Lembaga Penasihat Kebakaran
(*IEM Fire Advisory Board*)

Pengerusi

Ir. Thin Choon Chai

Ahli-Ahli

Ir. Wong See Foong
Ir. Chen Thiam Leong (*sehingga 26.5.10*)
Ir. Yim Hon Wa
Ir. Ang Seah Heng
Ir. Gary Lim Eng Hwa
Ir. David Ng Shiu Yuen
Dato' Ir. Muhammad Imran bin Baharuddin
Ir. Lim Eng Chong
Ir. Soong Peng Soon
Ir. Loo Chee Kin (*mulai 8.12.10*)

AMALAN PROFESIONAL

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

Pengerusi

Ir. Gunasagaran a/l Kristnan

Ahli-Ahli

Ir. Thin Choon Chai
Ir. Wong See Foong
Ir. Ang Seah Heng
Ir. Lim Eng Chong
Ir. Siew Yaw Jen
Ir. Oon Chee Kheng
Ir. CMM Aboobucker

AMALAN PROFESIONAL

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

Koordinator

Ir. Mun Kwai Peng

Ahli-Ahli

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

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

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

Pengerusi

Ir. Tu Yong Eng

Ahli-Ahli

Ir. M.C. Hee
Ir. Ong Sang Woh
Ir. Thin Choon Chai
Ir. David Ng Shiu Yuen
Ir. Wong See Foong
Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin

AMALAN PROFESIONAL

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

Pengerusi

Ir. Prof. Dr Lee Teang Shui

AMALAN PROFESIONAL

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

Pengerusi

Ir. P.E. Chong

Ahli-Ahli

Ir. Yim Hon Wa
Ir. Lai Sze Ching



AMALAN PROFESIONAL

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

Pengerusi

Dato' Ir. Pang Leong Hoon

Ahli-Ahli

Ir. Dr Ooi Teik Aun

AMALAN PROFESIONAL

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

Pengerusi

Ir. Dr Ooi Teik Aun

Ahli-Ahli

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

AMALAN PROFESIONAL

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

Ir. Lai Sze Ching

AMALAN PROFESIONAL

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

Pengerusi

Ir. P.E. Chong

AMALAN PROFESIONAL

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

Pengerusi

Ir. Dr Ooi Teik Aun

Ahli-Ahli

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

AMALAN PROFESIONAL

Jawatankuasa AdHoc mengenai Akta Baru Jurutera
*(AdHoc Committee on New Engineers Act
Of Engineers Act)*

Pengerusi

Ir. Lai Sze Ching

Ahli-Ahli

Ir. Tu Yong Eng
Ir. Hooi Kam Seng
Ir. Ng Yong Kong
Ir. Muhammad Apandi bin Osman
Ir. David Ng Shiu Yuen
Ir. Juares Rizal bin Abdul Hamid
Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin
Ir. Luk Chau Beng
Ir. Zainal Abidin bin Othman

AMALAN PROFESIONAL

Jawatankuasa Khas Pindaan Undang-undang Kecil Bahagian IX)
(Special Committee on Proposed Amendments to Bylaws Section IX)

Pengerusi

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

Ahli-Ahli

Ir. Lai Sze Ching
Ir. Chiam Teong Tee
Dato' Ir. Pang Leong Hoon

KEBAJIKAN DAN PERKHIDMATAN

Jawatankuasa Kecil "Minggu Kejuruteraan 2010"
(Sub Committee on Engineering Week 2010)

Pengerusi

Ir. Noor Hisham bin Yahaya

Naib Pengerusi

Ir. Yau Chau Fong

Ahli-Ahli

Ir. Gunasagaran a/l Kristnan
Ir. Gopal Narian Kutty
Engr. Roland Ngeow Yen Wan Grad. IEM

KEBAJIKAN DAN PERKHIDMATAN

Jawatankuasa Kecil "Hari Keluarga IEM 2010"
(Sub Committee on IEM Family Day 2010)

Pengerusi

Ir. Awangku Hidup bin Awangku Hosain

Naib Pengerusi

Ir. Yau Chau Fong

Ahli-Ahli

Ir. Khor Hock Keat
Ir. Siew Yaw Jen
Ir. Mohamad Fadzlie bin Ibrahim
Engr. Lee Cheng Pay Grad. IEM
Engr. Lim Terk Yiang Grad. IEM
Engr. Shuhairy bin Norhisham Grad. IEM
Engr. Roland Ngeow Yen Wan Grad. IEM



**KEBAJIKAN DAN PERKHIDMATAN
Jawatankuasa Kecil “Minggu Kejuruteraan 2011”
(Sub Committee on Engineering Week 2011)**

Pengerusi

Ir. Yau Chau Fong

Naib Pengerusi

Ir. Wong Chee Fui

Ahli-Ahli

Ir. Hj. Tunai Shamsidi bin Ahmad
Ir. Kim Kek Seong
Ir. Lo Seng Ling
Ir. Tan Ban Loong
Ir. Ms June Lau Yuk Ma
Ir. Somasuntharan a/l Chinniah
Engr. Lim Terk Yiang Grad. IEM
Engr. Ron Aldrino Grad. IEM
Engr. Lee Cheng Pay Grad. IEM
Engr. Shuhairy bin Norhisham Grad. IEM
Sdr Alvin Teo Lin Kiat

**KEBAJIKAN DAN PERKHIDMATAN
Jawatankuasa Kecil “Hari Keluarga IEM 2011”
(Sub Committee on IEM Family Day 2011)**

Pengerusi

Ir. Siew Yaw Jen

Naib Pengerusi

Ir. Khor Hock Keat

Ahli-Ahli

Ir. Richard Wong Chuen Fun
Ir. Gunasagaran a/l Kristnan
Ir. Yau Chau Fong
Engr. Lim Terk Yiang Grad. IEM
Engr. Shuhairy bin Norhisham Grad. IEM
Engr. Roland Ngeow Yen Wan Grad. IEM
Engr. Lee Cheng Pey Grad. IEM

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

Pengerusi

Ir. Ong Ching Loon

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

Pengerusi

Ir. Ms. June Lau Yuk Ma

Timbalan Pengerusi

Ir. Raftah bt Mahfar

Setiausaha

Ir. Ms. Menaga Deavi a/p Ramananthan

Ahli-Ahli

Ir. Ms. Toh Ah Ching
Ir. Ms. Chin Lee Leng
Ir. Ms. Magdalene Tan Lee
Ir. Prof. Madya Dr Marlinda bt Abdul Malek
Ir. Prof. Madya Hayati bt Abdullah
Ir. Sharifah Azlina bt Raja Kamal Pasmah
Ir. Zarina bt Mohamad Ali
Ir. Rohaya bt Muhammad
Ir. Tengku Anita bt Raja Hussin
Engr. Wong Yoke Mei Grad. IEM
Engr. Habibah @ Norehan bt Hj. Haron Grad. IEM
Engr. Ms. Gowry Thambirajah Grad. IEM
Engr. Trudy Ranjini Ganendra Grad. IEM

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

Pengerusi

Ir. Yim Hon Wa

Naib Pengerusi

Ir. Gary Lim Eng Hwa

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

Pengerusi

Ir. Fong Tian Yong

Naib Pengerusi

Ir. Choo Kok Beng

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

Pengerusi

Datuk Ir. Rosaline Ganendra

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

Pengerusi

Dato’ Ir. Hj. Mohd Isa bin Hj. Sarman

Naib Pengerusi

Ir. Dr Philip Tan Chee Lin

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

Pengerusi

Ir. Wong Chee Fui

Naib Pengerusi

Ir. Ms. June Lau Yuk Ma



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

Pengerusi
Ir. Khor Hock Keat

Naib Pengerusi
Ir. Yau Chau Fong

Ahli-Ahli
Engr. Shuhairy bin Norhisham Grad. IEM
Engr. Roland Ngeow Yen Wan Grad. IEM

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

Pengerusi
Ir. Rocky Wong Hon Thang

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

Pengerusi
Ir. Dr Abdul Rahim bin Bidin

Naib Pengerusi
Ir. Soo Tian Tiong

HAL HAL KORPORAT/CORPORATE AFFAIRS
Jawatankuasa Kecil IEM PEMUDAH

Pengerusi
Ir. Choo Kok Beng

Ahli-Ahli
Ir. David Lai Kong Phooi
Ir. Hj. Mohamed Ali bin Yusoff
Dato’ Ir. (Dr) Andy Seo Kian Haw
Dato’ Ir. Hj. Abdul Rashid bin Maidin

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

Pengerusi
Ir. Choo Kok Beng

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

Pengerusi
Ir. Choo Kok Beng

HAL HAL KORPORAT/CORPORATE AFFAIRS
Jawatankuasa Khas “Kelab Perniagaan IEM”
(Special Committee on IEM Business Club)

Pengerusi
Ir. David Lai Kong Phooi

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

Pengerusi
Ir. Hj. Mohamed Ali bin Yusoff

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

Wakil
Ir. Dr Gue See Sew

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

Pengerusi
Ir. Dr Gue See Sew

Ahli-Ahli
Ir. Cheong Chee Kwong
Ir. Looi Hip Peu
Ir. Mah Soo
Ir. Ang Choon Hug
Ir. Manogaran a/l K. Raman
Ir. Dr Abu Bakar bin Mahat
Ir. Dr Hj. Muhammad Fuad bin Abdullah
Datuk Ir. Prof. Dr Ow Chee Sheng
Dato’ Ir. (Dr) Andy Seo Kian Haw *(mulai 26.11.2010)*
Ir. Dr Cheong Thiam Fook *(mulai 26.11.2010)*
Dato’ Ir. Hj. Abdul Rashid bin Maidin *(Wakil BEM)*

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

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

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

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

Ahli-Ahli
Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin
Ir. Prof Dr Lee Teang Shui

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

Yang Dipertua
Dato’ Ir. Prof. Dr Chuah Hean Teik

Wakil
Ir Vincent Chen Kim Keong
Ir. Choo Kok Beng
Ir. Prof. Dr Lee Teang Shui



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

Pengerusi
Ir. Yim Hon Wa

Naib Pengerusi
Ir. Yau Chau Fong

Ahli-Ahli
Ir. Choo Kok Beng
Ir. Cheong Chee Kwong
Ir. Hj. Mohamed Ali bin Yusoff
Ir. Lee Boon Chong

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

Pengerusi
Ir. Choo Kok Beng

Setiausaha
Engr. Shuhairy bin Norhisham Grad. IEM

Bendahari
Ir. Hj. Mohamed Ali bin Yusoff

Ahli-Ahli
Ir. Yim Hon Wa
Ir. Cheong Chee Kwong
Ir. Eddie Lim Hok Lian
Dato' Ir. Mohd. Rizal Al-Amin bin Tun Sardon
Ir. Manogaran a/l K. Raman
Dato' Ir. Hj. Abdul Rashid bin Maidin
Ir. Rocky Wong Hon Thang
Ir. Dr Ooi Teik Aun
Engr. Roland Ngeow Yen Wan Grad. IEM

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

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

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

Wakil
Ir. Vincent Chen Kim Keong
Dato' Paduka Ir. Prof. (Dr) Hj. Keizrul bin Abdullah
Ir. Prof. Madya Dr Jeffrey Chiang Choong Luin
Ir. Prof. Dr Lee Teang Shui

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

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

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

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

Pengerusi
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Ir. P.E. Chong

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Undang Kecil IEM**

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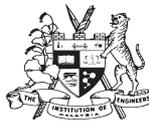
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Allahyarham Ir. Abdul Karim bin Mohamed Yunus (*sehingga*
11.3.11)

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Penasihat

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Timbalan Pengerusi (II)

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Bekas-Bekas Pengerusi

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Setiausaha Kehormat

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Bendahari Kehormat

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Naib Pengerusi (II)

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Ir. Dr Sim Kok Swee

Bendahari Kehormat

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Ir. Hor Tek Lip

Naib Pengerusi (ii)

Ir. Chua Teik Seng

Setiausaha Kehormat

Ir. Shahrom bin Man

Bendahari Kehormat

Ir. Nor Azizi bin Shairan

Bekas Pengerusi Terakhir

Ir. Hj. Abdullah bin Othman

Ahli-Ahli

Ir. Hj Azlan bin Othman

Ir. Mohd. Salleh bin Othman

Ir. Zainal Abdiin bin Abu Kasim

Ir. Shahbudin bin Ahmad

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Naib Pengerusi (ii)

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Bendahari Kehormat

Ir. Prof Madya Shuib bin Sahudin

Bekas Pengerusi Terakhir

Ir. Nik Mohd Amin bin Nik Taib

Ahli-Ahli

Ir. Soon Yeh Sin

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Ir. Hj. Osman bin Abd Rahman

Ir. Mohd Lotpey bin Othman

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Naib Pengerusi (ii)

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Setiausaha Kehormat

Ir. Hj Ateemin Bin Sulong

Bendahari Kehormat

Dato' Ir. Hj. Wan Ngah @ Wan Mohamed bin Wan Ali

Bekas Pengerusi Terakhir

Ir. Hj Rusli bin Embok

Ahli-Ahli

Ir. Mazlan bin Che Ku Ahmad

Ir. Abdul Aziz bin Abdullah

Ir. Kamarudin bin Bahar

Ir. Adnan bin Ghazali

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Bekas Pengerusi Terakhir

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Naib Pengerusi (II)

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Dr Badrul Mohamed bin Jan (*Wakil UM*)
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JAWATANKUASA PENGELOLA

Persidangan “BROWNSFIELD ASIA 2011”
(Organising Committee for Brownsfield Asia Conference 2011)

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Ms. Sheila Sharma (*Wakil ENVIRON Malaysia*)
Ms. Tan Giok Hui or representative (*Wakil GHD Perunding*)

JAWATANKUASA PENGELOLA

Persidangan “IEM-IET mengenai Sustainable Solution for Energy Utilisation “
IEM-IET Engineering Conference on “Sustainable Solution For Energy Utilisation”

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JAWATANKUASA PENGEMUDI

**Jawatankuasa Pengemudi bagi Pengawasan dan
Penggunaan Dana SSCD**

*(Steering Committee on Monitoring and Utilisation of the
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Ir. Dr Chin Yaw Ming

PASUKAN BERTINDAK

Untuk Isu Pemanasan Global Dunia, Perubahan Iklim dan Pancaran)

(Position Paper Committee on Global Warming, Climate Change and Emission)

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PASUKAN BERTINDAK

Hubungan Pengurusan Perunding Projek

(Position Paper on Relevance of Project Management Consultancy)

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PASUKAN BERTINDAK

Isu Isu Berkaitan dengan Perawatan Udara Panas Untuk Pengurusan Sisa Buangan

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

Pengerusi

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Isu Menegenai Keberkesanan Tenaga

(Position Paper on Energy Efficiency)

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Isu Mengenai Keberkesanan Tenaga Alternatif Untuk Bekalan Kuasa

(Position Paper on Alternative Energy for Power Supply)

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Dr Baharom bin Ismail
En Mohd. Seth bin Haron
Mr. Lionel Yap
En Jailan Simon
En Azrudi bin Mustapha
En Jamal Khaer bin Ibrahim
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Naib Pengerusi

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Dato' Ir. Lim Chow Hock
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TECHNICAL COMMITTEES

* (P) indicate meeting postponed

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|----|---|---|--|---|------------------|
| 1 | Advocates & Solicitors Disciplinary Board | Disciplinary Committee : DC/07/3511 | Ir. Dr. Abdul Aziz Abdul Rahman | 2/2 03.12.10 21.12.10 | CETD |
| 2 | Advocates & Solicitors Disciplinary Board | Disciplinary Committee : DC/10/5403 | Ir. Dr. Abdul Aziz Abdul Rahman | 1/1 16.12.10 | CETD |
| 3 | Agensi Nuklear Malaysia (Nuklear Malaysia) | Jawankuasa Kerja Pembangunan Kuasa Nuklear | Ir. Lee Kok Chong Ir. Chow Kok Kin | 1/1 22.06.10 | EETD |
| 4 | Agensi Nuklear Malaysia (Nuklear Malaysia) | Jawatankuasa Protem "Malaysian Nuclear Interest Group" (MNIG) | Ir. Lee Kok Chong Engr. Chow Kok Kon (Alternate) | 1/1 10.08.10 | EETD |
| 5 | Association of Consulting Engineers Malaysia (ACEM) | ACEM Engineering Awards Competition 2010 | Datuk Paduka Ir. Keizrul Abdullah | 2/2 26.04.10 19.05.10 | EXCOMM |
| 6 | Association of Consulting Engineers Malaysia (ACEM) | Professional Competency Examination (PCE) – PCE Stakeholders Committee | Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin | 2/2 24.02.10 04.08.10 | CSTD |
| 7 | Balai Ikhtisas Malaysia (BIM) | Extra – Ordinary General Meeting | Dato' Ir. Hj. Abdul Rashid Maidin | 1/1 21.08.10 | EXCOMM |
| 8 | Balai Ikhtisas Malaysia (BIM) | Professional Issue Committee (PIC) | Ir. Lai Sze Ching | 1/1 29.04.10 | PPC |
| 9 | Balai Ikhtisas Malaysia (BIM) | The Board Of Management, (BOM) | Ir. Choo Kok Beng Dato' Ir. Hj. Abdul Rashid Maidin | 4/4 22.01.10 18.03.10 20.05.10 29.09.10 | EXCOMM |
| 10 | Building Management Association Of Malaysia (BMAM) | Executive Committee (PROTEM) : BMAM | Ir. Lee Weng Onn | 1/1 16.03.10 | PPC |
| 11 | Construction Industry Development Board Malaysia (CIDB) | Jawatankuasa OSH Bagi Standard On Occupational Safety And Health (OSH) | Ir. K Gunasagaran | 0/1 21.01.10 | CSTD |
| 12 | Construction Industry Development Board Malaysia (CIDB) | Jawatankuasa Pembangunan Construction Industry Standard (CIS) On Quality Assessment System For Road Work | Ir. Assoc. Prof. Adnan Zulkifle | 1/1 24.02.10 | CSTD |
| 13 | Construction Industry Development Board Malaysia (CIDB) | Jawatankuasa Pengesah Modul Latihan Pengurusan Kontraktor Bidang Industrialised Building System (IBS) | Ir. K Gunasagaran | 1/1 02.06.10 | CSTD |
| 14 | Construction Industry Development Board Malaysia (CIDB) | Jawatankuasa Pengurusan Komponen IBS | Ir. Hooi Wing Chuen | 1/1 23.02.10 (P) 01.07.10 | BSTD |
| 15 | Construction Industry Development Board Malaysia (CIDB) | Jawatankuasa Teknikal bagi Construction Practices | Ir. Tu Yong Eng | 1/1 19 to 21.07.10 | CSTD |
| 16 | Construction Industry Development Board Malaysia (CIDB) | Pembangunan Modul Latihan Pengurusan CIDB - Pengesah Modul Latihan Kontraktor bagi Modul Kerja Meroboh | Ir. Tu Yong Eng | 1/1 19 to 21.11.10 | CSTD |
| 17 | Construction Industry Development Board Malaysia (CIDB) | Pre-Council Meeting For The Briefing Session with Attorney-General's Chambers Malaysia on the Proposed Construction Industry Payment and Adjudication Act (CIPAA) | Ir. PE Chong | 1/1 22.01.10 | PPC |
| 18 | Construction Research Institute Of Malaysia (CREAM) | 6th Annual General Meeting | Ir. Prof. Dr. Ruslan Hassan | 1/1 28.06.10 | EXCOMM |


WAKIL-WAKIL DI BADAN LUAR
IEM REPRESENTATIVES TO OUTSIDE BODIES

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|----|--|---|---|---|-------------------|
| 19 | Construction Research Institute Of Malaysia (CREAM) | Jawatankuasa Perolehan Tender bagi Tender Cadangan Membekal, menghantar, memasang, menguji dan menyelenggara Peralatan Makmal Kerja Raya Malaysia | Ir. Prof. Dr. Ruslan Hassan | 1/1 02.03.10 | EXCOMM |
| 20 | Construction Research Institute Of Malaysia (CREAM) | Pengujian Struktur Konkrit (Projek R & D kerjasama CREAM /JKR / LLM / MMD / UTM / UiTM / IEM) | Ir. Lee Weng Onn | 1/1 23.04.10 | CSTD |
| 21 | Construction Research Institute Of Malaysia (CREAM) | Project Penyelidikan Dan Pembangunan (R&D) Cream-UTM | Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin | 1/1 18.02.10 | GETD |
| 22 | Construction Research Institute Of Malaysia (CREAM) | The Board of Trustees | Ir. Prof. Dr. Ruslan Hassan | 2/2 02.03.10 28.06.10 | EXCOMM |
| 23 | Economic Planning Unit (EPU) Prime Minister's Department | Focus Group Meeting on Oil and Gas | Ir. Rocky HT Wong | 0/1 22.01.10 | IEM BUSINESS CLUB |
| 24 | Economic Planning Unit (EPU) Prime Minister's Department | Steering Committee Kajian Increasing the Contribution of Business and Professional Services to the Malaysian Economy – Laporan Interim | Dato' Ir. Prof. Dr. Chuah Hean Teik Ir. Rocky HT Wong Ir. Frankie Chong | 1/1 08.01.10 | IEM BUSINESS CLUB |
| 25 | Ikram QA Services Sdn Bhd | Certification Advisory Committee (CAC) | Ir. Lai Sze Ching | 1/1 15.06.10 | PPC |
| 26 | Jabatan Alam Sekitar | HPMP Coordination Group | Ir. Khew Swee Lian | 0/1 21.04.10 | ENETD |
| 27 | Jabatan Bomba dan Penyelamat, Malaysia (BOMBA) | Jawatankuasa Teknikal Pemasangan Keselamatan Kebakaran (JPBM) | Ir. Thin Choon Chai | 2/2 18.10.10 14.12.10 | PPC |
| 28 | Jabatan Kerajaan Tempatan (JKT) | Cadangan Pindaan Undang-undang Kecil Bangunan Seragam (UKBS 1984) Bagi Pelaksanaan Sistem Pengumpulan Dan Penggunaan Semula Air Hujan (SPAH) | Ir. Liam We Lin Ir. Prof. Dr. Ruslan Hassan | 1/1 26.03.10 0/1 | WRTD |
| 29 | Jabatan Kerajaan Tempatan (JKT) | Dialog Ketua Pengarah Jabatan Kerajaan Tempatan bersama Ketua-ketua Unit OSC Semenanjung Malaysia dan Industry Players | Ir. Tu Yong Eng | 23.08.10 | CSTD |
| 30 | Jabatan Kerajaan Tempatan (JKT) | Jawatan Kerja bagi Semakan Semula ke atas Undang-undang Kecil Bangunan Seragam 1984 bagi WG Bangunan | Ir. Tu Yong Eng Ir. Ong Sang Woh | 3/4 26.03.10 26.05.10(P) 02.06.10 23.06.10(P) 28.07.10 18.10.10 | CSTD |
| 31 | Jabatan Kerajaan Tempatan (JKT) | Jawatan Kerja bagi Semakan Semula ke atas Undang-undang Kecil Bangunan Seragam 1984 bagi WG Struktur | Ir. MC Hee Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin | 5/5 10.05.10 31.05.10 24.06.10 29.07.10 18.10.10 | CSTD |
| 32 | Jabatan Kerajaan Tempatan (JKT) | Jawatankuasa Kerja Bagi Semakan Semula Ke Atas Undang-Undang Kecil Bangunan Seragam 1984 Bagi WG Prosedur Dan Proses Pengemukaan Pelan-pelan Untuk Diluluskan | Ir. Tu Yong Eng Ir. Ong Sang Woh | 4/6 25.03.10 21.04.10 21.05.10 23.06.10 22.07.10 03.09.10 | CSTD |
| 33 | Jabatan Kerajaan Tempatan (JKT) | Kementerian Perumahan dan Kerajaan Tempatan bersama Para Professional dan Industry Players | Ir. Tu Yong Eng | 0/1 19.07.10 | CSTD |



| NO | ORGANISATION | COMMITTEES | IEM REPRESENTATIVE(S) | ATTEND | MONITORING. COMM |
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| 34 | Jabatan Kerajaan Tempatan (JKT) | Penyelarasan Semakan Semula ke atas Undang- Undang Kecil Bangunan Seragam (UKBS) 1984 bagi WG Kebommbaan dan Pencegahan Kebakaran (Pasif) | Ir. David Ng Shiu Yuen | 4/6 24.03.10 30.06.10 17.08.10(P) 16.08.10 21.07.10(P) 28.07.10 24.09.10 29.09.10 | CSTD |
| 35 | Jabatan Kerajaan Tempatan (JKT) | Penyelarasan Semakan Semula Ke Atas Undang-Undang Kecil Bangunan Seragam 1984 – Bagi WG Kebommbaan Dan Pencegahan Kebakaran (AKTIF) | Ir. Thin Choon Chai Ir. Wong See Foong | 7/9 29.01.10 04.02.10 09.02.10 24.03.10 26.03.10 20.04.10 19.05.10 16.06.10 14.07.10 | PPC |
| 36 | Jabatan Kerja Raya Malaysia (JKR) | Jawatankuasa Semakan Borang Pengujian dan Pentauliahan Sistem Lif | Ir. Gary Lim Eng Hwa | 0/0 10.05.10(P) | BSTD |
| 37 | Jabatan Kerja Raya Malaysia (JKR) | Joint Council bagi Penilaian Bangunan Hijau | Ir. Dr. Cheong Thiam Fook | 2/2 16.04.10 09.07.10 13.08.10(P) 03.09.10(P) | PPC |
| 38 | Jabatan Pengairan Dan Saliran Malaysia (JPS) | Jawatankuasa Malaysia Stormwater Organisation (MSO) | Ir. Chong Sun Fatt Ir. Dr. Wong Wai Sam Ir. Liam We Lin | 1/2 20.01.10 08.02.10 | WRD |
| 39 | Jabatan Pengairan Dan Saliran Malaysia (JPS) | Preparation of Second Edition Urban Stormwater Management Malaysia (MSMA MADE SIMPLE) – Bengkel Pembentangan dan Perbincangan Deraf Laporan Akhir | Ir. Elias Saidin | 1/1 08 to 10.12.10 | WRD |
| 40 | Jabatan Pengairan Dan Saliran Malaysia (JPS) | Preparation of Urban Stormwater Management Planning and Design Standards for Malaysia and 2nd Edition Urban Stormwater Management Manual for Malaysia (MSMA MADE SIMPLE) – Laporan Inception | Ir. Chong Sun Fatt | 1/1 06.01.10 | WRD |
| 41 | Jabatan Pengairan Dan Saliran Malaysia (JPS) | Preparation of Urban Stormwater Management Planning and Design Standards for Malaysia and 2nd Edition Urban Stormwater Management Manual for Malaysia (MSMA MADE SIMPLE) – Laporan Interim | Ir. Chong Sun Fatt | 1/1 25.08.10 | WRD |
| 42 | Jabatan Pengairan Dan Saliran Malaysia (JPS) | Preparation of Urban Stormwater Management Planning and Design Standards for Malaysia and 2nd Edition Urban Stormwater Management Manual for Malaysia (MSMA MADE SIMPLE) – Bengkel Pembentangan | Ir. Elias Saidin | 1/1 02 to 03.11.10 | WRD |
| 43 | Jabatan Perumahan Negara | Pengemaskinian Deraf Pindaan Akta Bangunan dan Harta Bersama (Penyenggaraan dan Pengurusan) 2007 [Akta 663] | Ir. MC Hee Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin Ir. Tu Yong Eng Ir. Ong Sang Woh | 0/1 26.11.10 | CSTD |
| 44 | Jabatan Standard Malaysia | Jawatankuasa Kebangsaan IEC (Malaysian Electrotechnical National Committee – MyENC) | Ir. V. Jeewa | 3/3 23.03.10 20.07.10 23.11.10 | EETD |
| 45 | Jabatan Standard Malaysia | Perbincangan National Design Code | Ir. Liew Shaw Shong Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin | 1/1 13.05.10(P) 01.06.10 | GETD |


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IEM REPRESENTATIVES TO OUTSIDE BODIES

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|----|--|---|---|--|------------------------|
| 46 | Kementerian Dalam Negeri – Bahagian Kawalan Penerbitan dan Teks Al Quran | Penyerahan Surat Kelulusan Bayaran Permit Penerbitan | Ir. Prof. Dr. Lee Teang Shui | 0/1 19.08.10 | PUB INFO |
| 47 | Kementerian Perumahan Dan Kerajaan Tempatan (KPKT) | Board of Engineers Malaysia (BEM) Position Paper on Accredited Checker (AC) | Ir. Dr. Ooi Teik Aun Ir. T T Chiam | 1/1 29.10.10 | PPC |
| 48 | Kementerian Perumahan Dan Kerajaan Tempatan (KPKT) | EAROPH Malaysia Council | Ir. Vincent Chen Kim Kieong | 1/1 05.08.10 | EXCOMM |
| 49 | Kementerian Perumahan Dan Kerajaan Tempatan (KPKT) | EAROPH Malaysia Pre-AGM Luncheon | Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin | 1/1 29.09.10 | EXCOMM |
| 50 | Kementerian Perumahan dan Kerajaan Tempatan (KPKT) | Jawatankuasa Penyiasatan ke atas Keruntuhan Bangunan Jaya Supermarket (JPKBJS) | Ir. Lee Weng Onn | 1/1 12.01.10 | PPC |
| 51 | Kementerian Perumahan Dan Kerajaan Tempatan (KPKT) | Kementerian Perumahan Dan Kerajaan Tempatan Bersama Para Professional Dan Industry Players | Ir. Tu Yong Eng | 0/1 27.01.10 | CSTD |
| 52 | Kementerian Tenaga, Teknologi Hijau Dan Air, Malaysia (KeTTHA) | Jawatankuasa Pemandu bagi Pelan Induk Kecekapan Tenaga Negara | Ir. Dr. Cheong Thiam Fook | 1/1 24.06.10 | PPC |
| 53 | Kementerian Tenaga, Teknologi Hijau Dan Air, Malaysia (KeTTHA) | Jawatankuasa Pemandu Kebangsaan Projek MBIPV | Ir. Dr. Cheong Thiam Fook | 1/1 30.12.10 | PPC |
| 54 | Kementerian Tenaga, Teknologi Hijau Dan Air, Malaysia (KeTTHA) | Jawatankuasa Penilaian Teknikal Bagi Pelan Induk Kecekapan Tenaga Negara | Ir. Dr. Cheong Thiam Fook Ir. Dr. Mohd Farid Ahmad | 2/2 22.02.10 (P) 23.02.10 20.05.10 | PPC |
| 55 | Kementerian Tenaga, Teknologi Hijau dan Air, Malaysia (KeTTHA) | Jawatankuasa Penilaian Teknikal Bagi Pelan Induk Kecekapan Tenaga Negara | Ir. Dr. Cheong Thiam Fook Ir. Dr. Mohd Farid Ahmad | 2/2 22.02.10 | PPC |
| 56 | Lembaga Jurutera Malaysia (BEM) | Jawatankuasa Kebangsaan Keselamatan Struktur | Ir. MC Hee | 2/2 05.05.10 04.06.10 | EXCOMM |
| 57 | Lembaga Jurutera Malaysia (BEM) | Jawatankuasa Penyelaras | Ir. Tan Yean Chin Ir. Wong Loo Min | 2/2 01.06.10 28.10.10 | EXCOMM |
| 58 | Lembaga Jurutera Malaysia (BEM) | Jawatankuasa Skel Fee | Ir. Lee Weng Onn | 1/1 18.05.10 | EXCOMM |
| 59 | Lembaga Jurutera Malaysia (BEM) | WG On Responsibility And Accountability Of All Stakeholders In Construction Industry | Ir. K Gunasagaran | 2/3 14.01.10 08.10.10 11.11.10 | PPC |
| 60 | Lembaga Perindustrian Kayu Malaysia | Jawatankuasa National Timber IBS Advisory Committee | Ir. Lai Sze Ching | 1/1 15.03.10 | ENETD |
| 61 | Lembaga Perindustrian Kayu Malaysia | Jawatankuasa Pemandu Projek (PSC) Program Kesedaran IBS Untuk Usahawan Bumiputera Sektor Perakayuan | Ir. K Gunasagaran | 2/2 25.02.10 11.03.10 | ENETD |
| 62 | Lembaga Perindustrian Kayu Malaysia | Sub Committee : Timber Structures | Ir. Lai Sze Ching | 1/1 21.06.10 17.12.10 | ENETD |
| 63 | Majlis Bandaraya Melaka Bersejarah | Jawatankuasa Pengindahan, Infrastruktur Dan Pembangunan Komuniti MBMB | Ir. Mohammad Ariff Hj. A Karim | 7/12 25.01.10 23.02.10 22.03.10 26.04.10 25.05.10 28.06.10 22.07.10 23.08.10 23.11.10 16.12.10 27.12.10 | Malacca Branch/ EXCOMM |


WAKIL-WAKIL DI BADAN LUAR
IEM REPRESENTATIVES TO OUTSIDE BODIES

| NO | ORGANISATION | COMMITTEES | IEM REPRESENTATIVE(S) | ATTEND | MONITORING. COMM |
|----|--|---|--|---|-------------------|
| 64 | Malaysia External Trade Development Corporation (MATRADE) | NAPSEC | Ir. Rocky HT Wong | 1/1 03.09.10 | IEM BUSINESS CLUB |
| 65 | Malaysian Green Technology Corporation | Green Tech of Roadmap Phase 1 – Representatives for Taskforce Working Group (Transport) | Ir. K Gunasagaran | 1/1 10.08.10 | HTETD |
| 66 | Malaysian Green Technology Corporation | Green Tech of Roadmap Phase 1 – Representatives for Taskforce Working Group (Energy) | Ir. Lee Kok Chong | 1/1 10.08.10 | EETD |
| 67 | Malaysian Green Technology Corporation | Green Tech of Roadmap Phase 1 – Representatives for Taskforce Working Group (Building') | Ir. Lim Chean Fung | 1/1 10.08.10 | BSTD |
| 68 | Malaysian Green Technology Corporation | Technical Review Committee | Ir. Dr. Cheong Thiam Fook | 1/2 10.08.10 24.11.10 | PPC |
| 69 | Malaysian Industrial Development Authority (MIDA) | Perjumpaan Dengan Pakarunding dari Commonwealth Secretariat bagi Perbincangan Statistik Sektor Perkhidmatan | Ir. Rocky HT Wong | 1/1 18.03.10 | IEM BUSINESS CLUB |
| 70 | Malaysian International Chamber of Commerce & Industry (MICCI) | CSIM Meeting | Ir. Choo Kok Beng | 1/1 30.10.10 | IEM BUSINESS CLUB |
| 71 | Malaysian International Chamber of Commerce & Industry (MICCI) | Coalition of Service Industries Malaysia (CSIM) Focus Group | Ir. Rocky HT Wong | 3/3 15.04.10 12.07.10 19.07.10 | EETD |
| 72 | Malaysian Service Providers Confederation (MSPC) | Annual General Meeting | Ir. Choo Kok Beng | 1/1 25.09.10 | IEM BUSINESS CLUB |
| 73 | Ministry Of Science, Technology And Innovation (MOSTI) | Jawatankuasa Antara Agensi Mengenai Pengurusan Risiko Gempa Bumi Dan Tsunami | Ir. Liew Shaw Shong | 2/3 11.03.10 06.05.10 28.09.10 14.12.10(P) | GETD |
| 74 | Ministry Of Science, Technology And Innovation (MOSTI) | Management LAB Untuk Cadangan Penubuhan Malaysia Brain Gain One-Stop Centre (MyGain) | Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin | 1/1 14 to 15.01.10 | CSTD |
| 75 | Ministry Of Science, Technology And Innovation (MOSTI) | Perbincangan mengenai Penggunaan Lighting Road Jenis Early Streamer Emission (ESE) Devices | Ir. Yau Chau Fong | 1/1 23.12.10 | EETD |
| 76 | Pejabat Setiausaha Kerajaan Negeri Selangor Darul Ehsan | PEMUDAH Selangor | Datuk Wira Ir. Ismail Samion Ir. Rocky HT Wong | 3/3 02.02.10 05.04.10 20.05.10(P) 17.06.10 23.08.10(P) | METD EETD |
| 77 | Pertubuhan Arkitek Malaysia (PAM) | Building Industry Presidents Council (BIPC) | Dato' Ir. Prof. Dr. Chuah Hean Teik Ir. PE Chong Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin | 2/2 01.04.10 06.09.10 | EXCOMM |
| 78 | Professional Services Development Corporation Sdn Bhd (PSDC) | "Malaysian : Excellence & Capabilities in Green Technology" | Ir. Dr. Philip Tan Chee Lin | 1/1 10.02.10 | METD |
| 79 | Professional Services Development Corporation Sdn Bhd (PSDC) | Preparatory Meeting With Collaborators and Exhibitors For "Professional Services Cluster" | Ir. Rocky HT Wong | 1/1 12.05.10 | IEM BUSINESS CLUB |
| 80 | Professional Services Development Corporation Sdn Bhd (PSDC) | PSDC Consultative Panel | Ir. Rocky HT Wong | 0/0 29.01.10(P) | IEM BUSINESS CLUB |
| 81 | SIRIM Berhad | ISC Y on Quality Management and Quality Assurance | Ir. Hussein Rahmat | 0/1 24.05.10 | ENETD |



| NO | ORGANISATION | COMMITTEES | IEM REPRESENTATIVE(S) | ATTEND | MONITORING. COMM |
|----|--------------|--|--|---|------------------|
| 82 | SIRIM Berhad | Jawatankuasa Standard Perindustrian (JSP) bagi Binaan, Pembinaan dan Kejuruteraan Awam | Ir. MC Hee Ir. Mun Kwai Peng Ir. Kenny Yee | 2/2 24.06.10 30.11.10 | CSTD |
| 83 | SIRIM Berhad | Jawatankuasa Standard Perindustrian bagi Besi dan Keluli (ISC P) | Ir. David Ng Shiu Yuen | 1/1 04.06.10 | CSTD |
| 84 | SIRIM Berhad | Jawatankuasa Standard Perindustrian bagi Kejuruteraan Mekanikal (ISC F) | Ir. Luk Chau Beng | 2/2 29.04.10 01.12.10 | METD |
| 85 | SIRIM Berhad | Jawatankuasa Standard Perindustrian bagi Pengurusan Alam Sekitar (ISC Z) | Ir. Kwee Swee Lian | 1/1 07.07.10 | ENETD |
| 86 | SIRIM Berhad | Jawatankuasa Standard Perindustrian bagi Petroleum & Gas (ISC H) | Ir. Runny Poh | 1/1 24.11.10 | OGMTD |
| 87 | SIRIM Berhad | Jawatankuasa Standard Perindustrian bagi Plastik dan Barangan Plastik (ISC J) | Ir. Lai Ah Ying | 2/2 23.06.10 10.11.10 | MFGTD |
| 88 | SIRIM Berhad | Jawatankuasa Standard Perindustrian bagi Teknologi Maklumat, Komunikasi dan Multimedia (ISC G) | Ir. Abdul Fattah Mohd Yatim | 2/2 10.05.10 28.10.10 | ITSIG |
| 89 | SIRIM Berhad | Jawatankuasa Teknikal – Anugerah Kecemerlangan Produk 2010 | Ir. Nor Azilan Jaafar | 10/12 22.09.10 13.10.10 18.10.10 22.10.10 25.10.10 28.10.10 02.11.10 04.11.10 08.11.10 10.11.10 12.11.10 03.12.10 | MFGTD |
| 90 | SIRIM Berhad | Perbincangan Khas ISO/DIS 19011 | Ir. Hussein Rahmat | 1/1 08.11.10 | ENETD |
| 91 | SIRIM Berhad | TC on Fasteners and Screw Threads | Ir. Lai Ah Ying | 1/1 08.01.10 | METD |
| 92 | SIRIM Berhad | TC on Accessibility for Disabled Persons | Ir. Susie Wong Choo Yoong | 1/3 26.05.10 30.06.10 03.08.10 | |
| 93 | SIRIM Berhad | TC on Aluminium (TC /D/5) | Ir. Lum Peng Fatt | 2/2 10.02.10 24.03.10 | CSTD |
| 94 | SIRIM Berhad | TC on Bricks and Blocks | Ir. Teoh Teik Seng | 5/6 29.01.10 05.03.10 09.04.10 07.05.10 30.07.10 30.09.10 | CSTD |
| 95 | SIRIM Berhad | TC on Building Design & Construction | Ir. David Ng Shiu Yuen | 3/4 23.02.10 31.03.10 02.06.10 01.07.10 | CSTD |



| NO | ORGANISATION | COMMITTEES | IEM REPRESENTATIVE(S) | ATTEND | MONITORING. COMM |
|-----|--------------|---|--|---|------------------|
| 96 | SIRIM Berhad | TC on Concrete and Concrete Products | Ir. Boone Lim Boon Chye Ir. Hooi Wing Chuen | 4/6 12.03.10 23.04.10(P) 14.05.10 23.07.10 30.07.10(P) 03.08.10 06.08.10 12.11.10 | CSTD |
| 97 | SIRIM Berhad | TC On Dependability | Ir. Lam Sing Yew | 2/3 29.01.10 30.04.10 23.07.10 | EETD |
| 98 | SIRIM Berhad | TC on Ergonomics | Dato' Ir. Foong Choy Chye Ir. Lim Beng Hian | 1/1 01.09.10 | MFGTD |
| 99 | SIRIM Berhad | TC on Energy Management (TC 12) | Ir. Khew Swee Lian Ir. Santha Kumaran | 2/2 20.05.10 25.08.10 | ENETD |
| 100 | SIRIM Berhad | TC on Geotechnical Works | Ir. Yee Yew Weng Ir. Mun Kwai Peng | 3/3 14.05.10 29.07.10 28.09.10 | GETD |
| 101 | SIRIM Berhad | TC on HV Power Transmission | Ir. Mah Soo | 3/3 27.01.10(P) 04.02.10 20.04.10 17.08.10 | EETD |
| 102 | SIRIM Berhad | TC on Lifting Devices & Malaysian Delegation to ISO /TC96 Meeting | Ir. N Jayaseelan | 1/1 18.05.10 | MFGTD |
| 103 | SIRIM Berhad | TC on Low Voltage Transformer And Storage Of Electrical Energy | Ir. Yew Teik Kuan | 0/1 15.01.10 | EETD |
| 104 | SIRIM Berhad | TC on Renewable Energies | Ir. Kok Yen Kwan | 3/3 25.02.10 17.06.10 02.11.10 | EETD |
| 105 | SIRIM Berhad | TC on Risk Management | Ir. Luk Chau Beng | 1/2 19.01.10 23.08.10 | METD |
| 106 | SIRIM Berhad | TC on Societal Security | Ir. Mohd Zahari Zakaria | 1/1 01.06.10 03.06.10(P) | |
| 107 | SIRIM Berhad | TC on Steel For Structural Purposes | Ir. Tu Yong Eng | 2/4 08.04.10 25.06.10 28.09.10 09.11.10 | CSTD |
| 108 | SIRIM Berhad | TC on Steel Product | Ir. Lee Kee Bau | 1/1 30.06.10 | CSTD |
| 109 | SIRIM Berhad | TC on Terjemahan Standard Malaysia bagi Pemasangan Elektrik Voltan - Rendah | Dato' Ir. Ibrahim Abu Bakar | 4/5 26.05.10 29.06.10 03.08.10 23.08.10 25.11.10 | EETD |
| 110 | SIRIM Berhad | TC on Terms and Definitions | Ir. Kwee Swee Lian | 1/1 05.07.10 | ENETD |
| 111 | SIRIM Berhad | TC1 and TC2 on Environmental Management Systems and Environmental Auditing (TC/Z/1) | Ir. Hussein Rahmat | 1/1 07.07.10 | CSTD |



| NO | ORGANISATION | COMMITTEES | IEM REPRESENTATIVE(S) | ATTEND | MONITORING. COMM |
|-----|--------------|--|--|---|------------------|
| 112 | SIRIM Berhad | WG 1 on Precast Concrete Pile | Ir. Kenny Yee | 2/2 15.01.10 08.03.10 | GETD |
| 113 | SIRIM Berhad | WG on Cleaning Equipment for Air and Other Gasses* (WG/F/0-4) | Ir. Den Low | 1/1 13.08.10 | BSTD |
| 114 | SIRIM Berhad | WG on Concrete Interlocking Roofing Tiles | Ir. Assoc. Prof. Dr. Low Kaw Sai | 1/1 25.11.10 | CSTD |
| 115 | SIRIM Berhad | WG on Data Exchange on Architectural and Engineering Drawing (WG/D/18-1) | Ir. David Ng Shiu Yuen | 4/6 02.02.10 08.02.10 13.05.10 27.07.10 05.08.10 00.08.10 | CSTD |
| 116 | SIRIM Berhad | WG on Functional Safety Of Electrical / Electronic / Programmables Electronic Safety – Related Systems | Ir. Mah Soo Ir. KT Lim | 1/2 02.03.10 11.05.10 | EETD |
| 117 | SIRIM Berhad | WG on Grouting Works | Ir. Yee Yew Weng Ir. Mun Kwai Peng Ir. Tan Ek Khai | 2/2 19.08.10(P) 20.08.10 24.09.10 | GETD |
| 118 | SIRIM Berhad | WG on High Voltage Switchgear, Controlgear and Assemblies (WG on HVSCA) | Ir. Mah Soo Ir. Ali Askar Sher Mohamad | 2/2 27.01.10 09.03.10 | EETD |
| 119 | SIRIM Berhad | WG on Keluar Sign | Ir. Thin Choon Chai | 1/1 09.08.10 | PPC |
| 120 | SIRIM Berhad | WG on Lifts & Escalators | Ir. Dr. Cheong Thiam Fook Ir. Hsiung Teck Pin | 3/3 06.05.10 08.07.10 10.11.10 | METD |
| 121 | SIRIM Berhad | WG on Metal Equipment For Falsework and Propping | Ir. Prof. Dr. Mohd Zamin Jumaat | 4/7 31.03.10 28.04.10 07.07.10 16.07.10 03.08.10 21.09.10 15.11.10 | CSTD |
| 122 | SIRIM Berhad | WG On Parking | Ir. Tan Chioo Bin Ir. Stephen Phang Chen Faut | 6/9 20.01.10 28.01.10 16.03.10 08.04.10 13.05.10 21.07.10 18.08.10 22.09.10 27.10.10 | BSTD |
| 123 | SIRIM Berhad | WG on Portable Fire Extinguisher | Ir. Cha Hoong Kum | 2/2 02.03.10 24.06.10 | BSTD |
| 124 | SIRIM Berhad | WG on PP Pipes and Fittings | Ir. Gary Lim Eng Hwa | 2/2 02.03.10 18.05.10 | BSTD |
| 125 | SIRIM Berhad | WG on Protection Relay Devices | Ir. KT Lim Ir. Chong Chew Fan | 1/1 15.11.10 | EETD |
| 126 | SIRIM Berhad | WG on Revision of MS 523: Part 2 | Ir. Hooi Wing Chuen | 1/2 02.02.10 02.03.10 | CSTD |



| NO | ORGANISATION | COMMITTEES | IEM REPRESENTATIVE(S) | ATTEND | MONITORING. COMM |
|-----|--|--|--|--|----------------------|
| 127 | SIRIM Berhad | WG on Road Lighting | Ir. Francis Xavier | 3/3 23.02.10 28.04.10 15.06.10 | EETD |
| 128 | SIRIM Berhad | WG on Scheduled Waste | Ir. Dr. Yin Chun Yang Ir. Khoo Boon Keat (Alternate) | 2/2 06.05.10 15.07.10(P) 10.07.10 | ENETD |
| 129 | SIRIM Berhad | WG on Site Remediation | Ir. Choo Chee Ming | 2/2 26.03.10 05.05.10 | CSTD |
| 130 | SIRIM Berhad | WG on Speed Bump | Ir. Chin Wei Choong Ir. Somasantharam a/l Chinniah | 1/1 17.06.10 | HTETD |
| 131 | SIRIM Berhad | WG on Thermoplastic Structured – Wall Pipes | Ir. Gary Lim Eng Hwa Ir. A H Ung | 2/2 05.01.10 02.04.10 | BSTD |
| 132 | SIRIM Berhad | WG on Work In Tunnelling | Ir. Neo Boon Kheng | 1/2 28.01.10 25.02.10 | TUSTD |
| 133 | SIRIM Berhad | WG on Workplace and Indoor Air | Ir. Khew Swee Lian | 1/1 22.06.10 | ENETD |
| 134 | SIRIM Berhad | WGI On Precast Concrete Masonry Units Meeting | Ir. Kenny Yee Kwong Sing | 0/1 15.01.10 | GETD |
| 135 | SME Corp. Malaysia | Panel of SME Innovation Award 2010 | Dato' Ir. Prof. Dr. Chuah Hean Teik | 0/1 01.12.10 | EXCOMM |
| 136 | SMHB Sdn Bhd | TWG (TWG5) on Developing the Technical Notes on the Methodology for Mechanical & Electrical (M&E) | Ir. Dr. Cheong Thiam Fook | 3/3 26.05.10 17.06.10 11.08.10 | METD |
| 137 | Suruhanjaya Perkhidmatan Air Negara (SPAN) | TC Pembentungan - Penyediaan Dokumen Teknikal Standard Malaysia (MS) | Ir. Hooi Kam Seng | 1/1 25.11.10 | WRTD |
| 138 | Suruhanjaya Tenaga | Panel Penyediaan Mekanisme Pelaksanaan Program Insentif Rebet Tunai untuk Peralatan Chiller Cekap Tenaga | Ir. Dr. Cheong Thiam Fook Ir. Stephen Phang Chen Faut Ir. Lee Kok Chong Ir. Prof. Madya Dr. Abdul Talib Din | 0/0 | METD BSTD PMTD |
| 139 | Suruhanjaya Tenaga | Panel Perunding Tenaga | Ir. Faridon Talib Ir. Mah Soo | 1/1 28.04.10 | EETD |
| 140 | The Electrical and Electronics Association of Malaysia (TEEAM) | TC on Electrical Installation, Protection and Insulation Practice | Ir. KT Lim | 1/1 23.09.10 28.10.10 09.12.10 | EETD |
| 141 | Universiti Putra Malaysia | Jawatankuasa Penasihat Fakulti Kejuruteraan | Dato' Paduka Ir. Keizrul Abdullah Ir. Razmahwata Mohd Razali | 1/1 28.12.10 | OGMTD |
| 142 | Universiti Teknologi Malaysia | Panel Pengajian Siswazah Sarjana & Doktor Falsafah | Dato' Ir. Prof. Dr. Chuah Hean Teik | 1/1 27.09.10 | EXCOMM |
| 143 | Universiti Teknologi Malaysia | TC on PQ Baseline Study Project | Ir. Mah Soo | 1/1 26.05.10 | EETD |
| 144 | Universiti Tenaga Nasional | Adjunct Profesor Meeting Department of Civil Engineering | Dato' Paduka Ir. Keizrul Abdullah | 1/1 20.05.10 | EXCOMM |
| 145 | Universiti Tenaga Nasional | Industrial Advisory Panel (IAP) - Department of Civil Engineering | Ir. Li Thang Fai | 2/2 18.05.10(P) 25.06.10 16.07.10 | CSTD |



PAST RECIPIENTS

Year Recipients and Projects

- 1985** Jabatan Telekom Malaysia
Bagi Kabel Dasar-Laut: Projek Kuantan-Kuching
(For the Kuantan-Kuching Submarine Cable System)
- 1985** Jabatan Parit dan Taliair Malaysia
Bagi Projek Pengairan Muda
(For the Muda Irrigation Project)
- 1986** Lembaga Letrik Negara Tanah Melayu
Bagi Projek Pembangunan Hidro Elektrik Hulu di Perak
(For the Upper Perak Hydro-Electric Development Project)
- 1987** Lembaga Kemajuan Tanah Persekutuan (FELDA)
Untuk Peranan Perbadanan Kilang Felda Dalam Pembangunan Industri Minyak Sawit
(For the Role and Contribution of FELDA Mills Corporation (FELMIL) in the Development of Palm Oil Industry)
- 1988** Petroleum Nasional Berhad (Petronas Gas Sdn Bhd)
Bagi Projek Penggunaan Gas Semenanjung Peringkat Pertama
(For the Peninsular Gas Utilisation Project - Stage 1)
- 1989** Perbadanan Memajukan Iktisad Negeri Terengganu dan Sepakat Setia Perunding Sdn. Bhd.
Bagi Rekabentuk dan Pembinaan Pelabuhan Tanjung Berhala Malaysia
(For the Design and Construction of the Port of Tanjung Berhala in Malaysia)
- 1990** Lembaga Lebuhraya Malaysia
Untuk Projek Jambatan Pulau Pinang
(For the Penang Bridge Project)
- 1993** Jabatan Pengairan dan Saliran Malaysia
Untuk Projek Pembangunan Pertanian Integrasi di Johor Barat
(For the West Johore Intergrated Agricultural Development Project)
- 1993** Tenaga Nasional Berhad
Bagi Projek Rekabentuk dan Pembinaan Stesyen Kuasa Elektrik Sultan Salahuddin Abdul Aziz – Fasa II
(For The Design and Construction of Sultan Salahuddin Abdul Aziz Power Station Phase II Project)
- 1994** Lembaga Lebuhraya Malaysia dan
Projek Lebuhraya Utara-Selatan Berhad
Atas Projek Lebuhraya Utara-Selatan
(On the North-South Toll Expressway Project)
- 1995** Jabatan Kerja Raya
Atas Peranan Jabatan Kerjaraya dalam Pembangunan Nasional
(On the Role of JKR in National Development)
- 1996** Malaysian Institute of Microelectronic Systems (MIMOS)
Atas Peranannya Dalam Pembangunan Mikroelektronik dan Teknologi Maklumat
(On Its Role in the Development of Microelectronics and Information Technology)
- 1997** Ethylene Malaysia Sdn. Bhd. dan
Polyethylene Malaysia Sdn. Bhd.
Atas Pembangunan Industri Petrokimia di Malaysia - Pengalaman Pembinaan Tanaman Ethylene/Polyethylene
di Malaysia
(For the Development of the Petrochemical Industry in Malaysia – Construction Experience of the Malaysian
Ethylene/Polyethylene Plants)
- 1998** KLCC (Holdings Bhd)
Bagi Memajukan Projek Menara Berkembar Petronas
(On the Development of the Petronas Twin Tower Project)
- 1999** Kuala Lumpur International Airport Berhad
Atas Projek Lapangan Terbang Antarabangsa Kuala Lumpur di Sepang
(For the Construction of the Kuala Lumpur International Airport, Sepang)



Year Recipients and Projects

2000 Sistem Transit Aliran Ringan Sdn. Bhd. (STAR) dan
Projek Usahasama Transit Ringan Automatik Sdn Bhd (PUTRA)
Atas Pembinaan Sistem Transist Ringan di Lembah Klang
(For the Construction of the Light Rail Transit Systems in the Klang Valley)

2001 Maju Holdings Sdn Bhd
Menara 1 Maju Perdana – Pencakar Langit Pertama Menggunakan Keluli Buatan Malaysia
(Perdana Tower 1 – The First All Malaysia Steel High Rise)

2003 Road Builder (M) Sdn Bhd
Atas Pembinaan Jambatan Kabel 300m Seri Saujana
(On The Construction of Seri Saujana 300m Cable-Stayed Arch Bridge (BR-8) in Putrajaya)

2004 Perunding Mahir Bersatu Sdn Bhd gabungan bersama (jointly with)
Sinclair Knight Merz Engineering Sdn Bhd
Ke Atas Rekabentuk Struktur Pusat Konvensyen Antarabangsa Putrajaya
(On The Structural Design of Putrajaya International Convention Centre)

2005 MEI Consultants Sdn Bhd
Atas Kejayaannya Menyiapkan dan Merekabentuk Peralatan Stevian Bioteknikal di Enstek, Negeri Sembilan
(On The Successful Design and Completion of Stevian Biotechnology Facilities in Enstek, Negeri Sembilan)

2006 Zelan Construction Sdn Bhd
Atas Pembentung Luahan Air Pendingin untuk Penjana Kuasa Arang Batu 3 x 700 mw di Tanjung Bin, Johor
(On the Cooling Water Discharge Culvert for 3x700 mw Coal Fired Power Plant in Tanjung Bin, Johore)

2007 Multimedia University Malaysia
Atas Peranan sebagai Universiti Swasta pertama di Malaysia untuk memberi pendidikan kejuruteraan berkualiti
(On Its Role as the First Private University in Malaysia in Providing Quality Engineering Education)

2008 T & T Konsult Sdn Bhd
Atas Rekabetuk, Pembinaan dan Operasi Tapak bagi Projek Pelupusan Sisa Pepejal Sanitary Bukit Tagar
(On the Design, Construction and Operation of Bukit Tagar Sanitary Landfill Project)

2010 Syarikat Mengurus Air Banjir & Terowong Sdn Bhd dan
Jabatan Pengairan dan Saliran
Atas Pembinaan & Rekabentuk Projek SMART
(On the Construction and Design of SMART Tunnel Project)

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

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

PAST RECIPIENTS

Year Recipients and Projects

1989 Y.Bhg. Tan Sri Dato' Ir. (Dr.) Shamsudin bin Abdul Kadir
Executive Chairman, Sapura Holdings Sdn. Bhd

1990 Ir. Hong Lee Pee
Director and Chief Executive, Pilecon Engineering Bhd.

1993 Y.Bhg. Dato' Ir. Prof. Dr. Muhammad Ridzuan bin Hj. Salleh
Vice Chancellor, Universiti Teknologi Malaysia

1994 Y.Bhg. Tan Sri Dato' Ir. (Dr.) Wan Abdul Rahman bin Yaacob
President, Board of Engineers, Malaysia concurrently Director-General of Public Works Department, Malaysia

1995 Y.Bhg. Tan Sri Dato' Ir. Hj. Shahrizaila bin Abdullah
Director-General, Department of Irrigation and Drainage



PAST RECIPIENTS

Year Recipients and Projects

- 1996** Y.Bhg. Dato' Dr. Ir. Ahmad Tajuddin bin Ali
Director-General, Standards and Industrial Research Institute of Malaysia
- 1997** Y.Bhg. Dato' Ir. Zaidan bin Hj. Othman
Executive Chairman, Time Telecommunications Sdn. Bhd. concurrently
Executive Vice Chairman, Kinta Kellas Public Limited Company
- 1999** Y.Bhg. Tan Sri Dato' Ir. Omar bin Ibrahim
President, Board of Engineers Malaysia concurrently Director-General of Public Works Department
- 2000** YAB Tengku Datuk Ir. Dr Mohd Azzman Shariffadeen bin Tengku Ibrahim
President and Chief Executive Officer of MIMOS Berhad
- 2002** Y.Bhg. Dato Paduka Ir. Prof (Dr) Hj Keizrul bin Abdullah
Director-General, Department of Irrigation and Drainage
- 2003** Y.Bhg. Tan Sri Dato' Ir. Hj Zaini bin Omar
Director-General, Public Works Department
- 2005** Y. Bhg Tan Sri Dato' Ir. Muhammad Radzi bin Hj Mansor
Chairman, Telekom Malaysia Berhad
- 2006** Y.Bhg. Academician Dato' Ir. Lee Yee Cheong
President of World Federation of Engineering Organisations and Past President, IEM
- 2007** Y.Bhg Dato'Sri Ir. Prof. Dr. Wahid bin Omar
President of BEM and concurrently Director- General of Public Works Department
- 2010** Ir. Chiam Teong Tee
Past President of IEM

WORLD FEDERATION OF ENGINEERING ORGANISATION (WFEO)

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

PAST RECIPIENTS

Year Recipients and Projects

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

PENGANUGERAHAN KEJURUTERAAN ASEAN

**THE ASEAN OUTSTANDING
ENGINEERING ACHIEVEMENT AWARD**

PAST RECIPIENTS

Year Recipients and Projects

- 1994** Tenaga Nasional Berhad (*Organiser- Pertubuhan Ukur, Jurutera dan Arkitek*) [PUJA]
The Design and Construction of Sultan Salahuddin Abdul Aziz Power Station Phase II Project
- awarded in Bandar Seri Begawan, Brunei Darussalam
- 1995** Y Bhg. Tan Sri Dato' Ir. (Dr.) Shamsuddin Abdul Kadir (*Organiser – The Institution of Engineers, Indonesia*)[PII]
- awarded in Bandung, Indonesia
- 1996** Malaysian Resources Corporation Berhad -(*Organiser – The Institution of Engineers, Malaysia*)[IEM]
The Construction of the SEGARI Power Station
- awarded in Malacca, Malaysia



PAST RECIPIENTS

Year Recipients and Projects

- 1997** Jabatan Kerja Raja (*Organiser – The Engineering Institute of Thailand*)[EIT]
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]
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]
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]
The Construction of the Light Rail Transit System 2
- awarded in Hanoi, Vietnam
- 2001** Y.Bhg Tan Sri Dato' Haji Ir. Zaini bin Omar (*Organiser – Pertubuhan Ukur, Jurutera an Arkitek*)[PUJA]
- awarded in Bandar Seri Begawan, Brunei Darussalam
- 2001** Y. Bhg. Academician Dato' Ir. Lee Yee Cheong (*Organiser – Pertubuhan Ukur, Jurutera dan Arkitek*)[PUJA]
- awarded in Bandar Seri Begawan, Brunei Darussalam
- 2002** Y.Bhg. Dato' Paduka Ir. Prof (Dr) Hj Keizrul bin Abdullah (*Organiser – Engineering Institute of Cambodia*)[EIC]
- awarded in Phnom Pehn, Cambodia
- 2005** MEI Consultants Sdn Bhd (*Organiser – Laos Union of Scientists and Engineers Association*)[LUSEA]
On The Successful Design and Completion of Stevian Biotechnology Facilities in Enstek, Negeri Sembilan
- awarded in Vientiane, Lao PDR
- 2006** Perunding Mahir Bersatu Sdn Bhd jointly with
Sinclair Knight Merz Engineering Sdn Bhd (*Organiser – The Institution of Engineers, Malaysia*)
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*)
For Zon-e @ Fraser Biz Park Development
- awarded in Kuala Lumpur, Malaysia
- 2007** Multimedia University Malaysia (*Organiser – The Philippines Technological Council*)[PTC]
On Its Role as the First Private University in Malaysia in Providing Quality Engineering Education
- awarded in Cebu, Philippines
- 2007** Ir. Dr Gue See Sew (*Organiser – The Philippines Technological Council*)[PTC]
For his contribution to ASEAN Engineers Register (AER) and ASEAN Federation of Engineering Organisation (AFEO) as well as in the Asia Pacific Economy Corporation (APEC)/Engineers Mobility Forum (EMF)
- awarded in Cebu, Philippines
- 2008** T & T Konsult Sdn Bhd (*Organiser – The Engineering Institute of Thailand*)[EIC]
On the Design, Construction and Operation of Bukit Tagar Sanitary Landfill Project
- awarded in Bangkok, Thailand
- 2010** Ir. Choo Kok Beng (*Organiser – Vietnam Union of Science and Technological Associations*)[VUSTA]
For his Contribution to ASEAN Engineers Register (AER) and ASEAN Federation of Engineering Organisation (AFEO)
- awarded in Hanoi, Vietnam



PAST RECIPIENTS

Year Recipients

1991 Dato' Ir. Prof. Dr Chuah Hean Teik

1995 Ir. Prof. Dr Marzuki bin Khalid

2004 Ir. Koo Voot Chet – Industry award

2004 Ir. Dr Ramesh Singh – Academic award

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

2006 Engr. Dr Goh Swee Por – Industry award

2008 Engr. Assoc. Prof. Dr Law Chung Lim – Academic award

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

2009 Engr. Teh Tzyy Wooi – Industry award

2010 Ir. Assoc. Prof. Dr Dominic Foo Chwan Yee – Academic award

PAST RECIPIENTS

Year Recipients

2005 Dato Ir. Prof. Dr Siti Hamisah bte Tapsir

2006 Ir. Miss Ong Kik Hong

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

2009 Datuk Ir. Rosaline Ganendra

Year Recipients

2010 Ir. Dr. Gue See Sew



**MINUTES OF 51ST ANNUAL GENERAL MEETING OF THE INSTITUTION OF ENGINEERS, MALAYSIA
HELD ON 17 APRIL 2010 AT TAN SRI PROF. CHIN FUNG KEE AUDITORIUM,
WISMA IEM, PETALING JAYA AT 9.00 AM**

MEMBERS PRESENT – AS PER APPENDIX A

1.0 OPENING ADDRESS BY THE PRESIDENT

- 1.1 The President, YBhg. Dato' Ir. Prof. Dr. Chuah Hean Teik (F09157) welcomed members present and called the 51st Annual General Meeting (AGM) to order at 9:00 am. The President informed that four (4) different rooms were being used for the Annual General Meeting. The proceedings of the Annual General Meeting from the main room at the Tan Sri Prof Chin Fung Kee Auditorium would be broadcasted to the three (3) other rooms namely the Malakoff Auditorium at the Ground Floor, C&S/TUSTD Lecture Room and the IEM Function Room 2. Secretariat staffs were stationed in each of the rooms to provide assistance to members during the course of the AGM. Members who wished to pose questions were requested to provide their names and membership numbers clearly for recording.

2.0 CONFIRMATION OF MINUTES OF 50th ANNUAL GENERAL MEETING HELD ON 18 APRIL 2009

- 2.1 Members were requested to scrutinise the minutes which were included in pages 47 to 58 of the Annual Report for mistakes. Ir. Dr. Muhammad Fuad Abdullah (F07442) was thanked for his assistance to translate the minutes into Bahasa Malaysia included in the Annual Report from pages 62 to 73.

Members were requested to check their names in the attendance lists (page 59 – 61).

Ir. Chong Pick Eng (F01214) commented that his name was incorrectly spelt on page 59 of the attendance list (no.13). It should be spelt as Ir. Chong Pick Eng

Ir. Wong Chuen Fun, Richard (M07180) proposed that the minutes of the 50th Annual General Meeting held on 18 April 2009 be confirmed. The motion was seconded by Ir. Leow Kay Pin (M02859) and unanimously adopted by members present.

3.0 MATTERS ARISING

- 3.1 Dato' President briefed members on matters that were outstanding from the last Annual General Meeting as follows:

Page 48 – Item 3.1

ROS had approved the proposed amendments to Articles 2.9, 3.1 and 6.3 of the IEM Constitution and Bylaws. It was noted that IEM was currently updating the IEM Constitution and Bylaws.

Page 50 – Item 4.2.3

The Standing Committee on Qualifications and Admissions had been requested to look into organising more membership drives not only at Institutions of Higher Learning (IHL) but also at various organisations and the IEM Branches. In addition to this, more evening talks and technical visits had been organised throughout the year. The Standing Committee on Welfare and Service Matters would look into providing more value-added services to members. Currently IEM had a number of affinity programmes and insurance schemes and other welfare services aimed at providing more benefits to members.

The Standing Committee of Activities and the Technical Divisions had increased the registration fees for non-Members to attend their activities. IEM members would however pay a lower fee as one of the benefits to members.

Page 53 – Item 5.4.3

Dato' President cited comments from the last AGM that the IEM Training Centre Sdn Bhd, being a subsidiary of IEM should provide more details of its accounts in the Annual Report. Dato' President informed that the accounts for 2008 had been posted in the website while its performance of IEM Training Centre Sdn Bhd in 2009 had been included in page 158 of this year's Annual Report.

Members attending the AGM were then invited to raise questions with regard to the minutes of the 50th AGM.

4.0 ANNUAL REPORT FOR SESSION 2009/2010

The Hon Secretary presented the 51st Annual Report from pages 80 to 116.

4.1 Council and Excomm

The Hon Secretary, Ir. Assoc. Prof. Dr Jeffrey Chiang Choong Luin (M20286) highlighted various activities and events organised in 2009. The AGM was informed that five (5) Council meetings were held during the year 2009/2010 to discuss the running of the Institution in terms of policy matters and decisions made as well as other matters. The Excomm had 16 meetings in 2009/2010 to manage the affairs of the Institution and carry out the instructions of the Council. He then thanked the Chairmen of the eight (8) Standing Committees for service rendered in the running of the day-to-day affairs of the Institution.



4.2 Tenant-ship for Wisma IEM

Maktab Kerjasama Malaysia (MKM) had taken up tenancy of Wisma IEM since July 2009 and they had taken up 85% of the building. IEM had utilised the remaining of the 15% to run its activities of IEM.

4.3 Task Force on Fund Raising

A Task Force on Fund Raising for Wisma IEM was formed in 2009 with YBhg. Datuk Wira Ir. Md. Sidek Ahmad (F07345) as the Chairman and Ir. Dr Gue See Sew (F03975) as the co-Chairman.

To-date the total contributions received from members was RM730,311.20 of which RM361,495,000 was from the incentive accounts of the Technical Divisions. A note of appreciation was recorded to the contributors.

4.4 Award for Excellent Performance in Fund Raising for the IEM Building Fund

The winners of the Award for Excellent Performance in Fund Raising for the IEM Building Fund were announced as follows:-

| | | |
|---|--|---------------------|
| (i) <i>Silver Medal</i> | | |
| <i>Tunnelling, Underground and Space Engineering Technical Division</i> | | <i>RM50,001.00</i> |
| (ii) <i>Gold Medal</i> | | |
| <i>Geotechnical Engineering Technical Division</i> | | <i>RM285,000.00</i> |
| (iii) <i>Platinum Medal</i> | | |
| <i>Mechanical Engineering Technical Division</i> | | <i>RM327,241.80</i> |

Ir. Assoc. Prof. Dr Jeffrey Chiang Choong Luin (M20286) thanked the above mentioned Technical Divisions for their contribution. A special note of appreciation was also recorded to Academician YBhg. Dato' Ir. Lee Yee Cheong (DHF00220) for his contribution of RM150,000 towards the IEM Building Fund and in view of this, the resource centre currently operated by Maktab Kerjasama Malaysia at Wisma IEM would be named after him. In addition to this, a special opening ceremony was also held for the naming of the Wisma IEM Auditorium as the Tan Sri Prof. Chin Fung Kee Auditorium.

4.5 IEM Branches – Acquisition of Own Building

Two (2) of the IEM Branches namely Perak and Negeri Sembilan had acquired their own buildings. IEM HQ had assisted the Perak Branch in applying for a bank loan

4.6 Membership

IEM's membership had grown slightly over the year with an increase of 6.25%. A note of appreciation was extended to the Sub Committee on Membership Drive and Career Guidance under the Chairmanship of Ir. Noor Hisham bin Yahaya (F11497) for their effort in increasing membership for the Institution.

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

| | |
|---|---------------|
| <i>Membership Number as of 1.3.2010</i> | <i>22,974</i> |
| <i>Fellow members</i> | <i>709</i> |
| <i>Corporate members</i> | <i>8,484</i> |
| <i>Graduate members</i> | <i>6,857</i> |
| <i>Student members</i> | <i>6,852</i> |
| <i>Other grades</i> | <i>72</i> |

4.7 Renovation to IEM Library

The IEM library had been temporarily closed for renovation from the middle of February 2010 for refurbishment. A note of appreciation was extended to Ir. Allen Cheong Loong Kwong (M11815) for his contribution of RM20,000 for the refurbishment.

4.8 Improvement to IEM Secretariat Office

IEM Secretariat office was also given a face lift with several departments moving up to the Second floor to create more space with the increase in staff strength and for a better working environment for the staff. A note of appreciation was extended to Hong Leong Bank for donating work stations to the Secretariat office.

4.9 Activities Held for the Year

Some of the major activities held for the year 2009 were as follows:-

- (i) *International Conference on Engineering and Education in the 21st Century (ICEE) held on 23-25 March 2009, Sarawak. A total of 280 participants attended the event.*



(ii) 27th Conference of the ASEAN Federation of Engineering Organisation (CAFEO) held on 30 November – 2 December 2009, Singapore with a total of 86 participants attended the event.

(iii) IEM Family Day held on 18 May 2009, Taman Jaya Lake.

(iv) 4th Malaysian Chem-E-Car Competition held on 4 – 5 March 2009 at MICET, UniKL, Melaka.

4.10 International Affiliation

IEM was reappointed as the Permanent Secretariat of ASEAN Federation of Engineering Organisation (AFEO) and ASEAN Engineers Register (AER) as well as the Federation of Engineering Institutions of Asia and the Pacific (FEIAP).

4.11 Formation of a New Technical Division and Special Interest Group

One (1) new Technical Division namely the Electronic Engineering Technical Division (based in Penang) and a new special interest group named Consulting Engineers Special Interest Group were formed last year.

4.12 Latest Development

IEM had received a grant from MIDA for the following:

- Outreach Programme amounting to RM472,000 and
- The upgrading of IEM IT Infrastructure of RM1,000,000

The grant for the upgrading of IT Infrastructure was utilised to develop a web portal and improve the IT equipment in the Secretariat. The Hon Secretary then thanked MIDA on behalf of IEM for the grant.

4.13 IEM Web Portal

IEM web portal was expected to be ready in August 2010. This would enable IEM's services to be more efficient and allow members to have better access to IEM's services.

4.14 Upcoming Events

The upcoming events for the year 2010:

- Engineering Week from 19 – 24 April 2010
- 5th Malaysian Chem-E-Car Competition to be held on 22 July 2010
- IEM Family Day to be held on 25 July 2010
- Brownfield Conference in September 2010

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

4.2.1 Ir. Tham Kum Weng (F01513) commented on the engineering discipline – Civil and Structural on page 80. He questioned as to what qualification was required in order to be emplaced in the said discipline. Ir. Yim Hon Wa (F08247) informed that this category of discipline had been there for a long time and agreed that steps would be taken to look into better streamlining of discipline emplacement.

Ir. Tham Kum Weng continued to question on whether a person under the said discipline would be able to practice in Civil or Structural engineering or both. Ir. Vincent Chen Kim Kieong (F05128) explained that the emplacement of discipline was done by the Board of Engineers, Malaysia (BEM) based on the engineering degree. It was noted that this started approximately five (5) to ten (10) years ago where there was a degree in Civil and Structural Engineering and as such, the BEM had emplaced the graduate in the discipline of Civil and Structural engineering. To avoid confusion, IEM had at the time decided to follow the discipline emplaced by the BEM.

4.2.2 Ir. Yap Soon Hoe (F04086) commented that the contribution to pay the balance of the loan of RM12,000,000 was slow more so with the acquisition of properties by the IEM Branches. He queried on whether the rental from the Wisma IEM would be able to sustain the loan and secondly since MIDA had granted RM1,000,000 to IEM on the IT infra-structure, would IEM be able to request for a grant from the Government to assist in settling the bank loan.

Ir. Tan Yean Chin (F11712) explained to the AGM that the rental would be able to cover the loan. He further clarified that the other branches had their own ways to settle their loans. In view of applications for the building fund, the Task Force on Fund Raising for Wisma IEM had been working hard to solicit contribution from both private companies and government agencies.

Ir. Yap Soon Hoe (F04086) also queried as to whether it was alright to allow the branches to acquire their own properties. Ir. Tan Yean Chin (F11712) further explained that the branches were allowed to do so, as long as they were active and would be able to sustain the loan. Moreover, IEM HQ would thoroughly check on the acquisition before allowing the branches to purchase the property.



Dato' President then continued to explain that activities at most of the branches had been increasing with more member participation due to the CPD requirement. This had led to a surplus in the revenue. The example cited was that of the Perak Branch being able to put up an initial payment of RM150,000 for their property purchased at RM300,000. It was reiterated that even if the Branch did not purchase their own building, they had to be housed at rented premises and were paying rental. Dato' President further informed the AGM that Council would support the acquisition so long as there was no financial commitment from the HQ.

Concerning the loan of RM12.5 million, of which IEM had settled approximately RM3 million, Dato' President informed that the Task Force on Fund Raising has been working hard to solicit donations as well as appealing to the Government for tax exemption to the Building Fund contributors.

- 4.2.3 Ir. Yee Thien Seng (M03177) pointed out on page 97 regarding the list of Position Papers, he noticed that the Position Paper on "Policy Guidelines on Hillside Development" was not listed. As the Chief Drafter for the said Position Paper Committee, he queried whether the non-listing of the Position Paper was a result of the difference in opinion with the former IEM President.

Dato' President explained that the said list of Position Papers was not updated and assured that all general views from the different stakeholders would be taken into consideration irrespective of whether there were different opinions. It was agreed that in future the list of the Position Papers would be updated.

Dato' President also informed the AGM that there would be a meeting on 3 May 2010 with the Ministry of Housing and Local Government to discuss on the few issues.

- 4.2.4 Ir. Soo Tian Tiong (M04575) commented on item 7.0 on page 55 regarding the title "Ir.". It was noted that BEM had been using the title "Ir." without the "fullstop".

Dato' President thanked Ir. Soo Tian Tiong (M04575) for his comments and agreed that the IEM representatives to the Board would raise this issue at the next Board meeting as he felt that the issue should be taken up by the Board as it concerned the Registration of Engineers Act.

As there were no further comments or questions from the floor, Ir. Yap Soon Hoe (F04086) proposed that the Annual Report be adopted. The motion was seconded by Ir. Yam Teong Sian (F05613) and thereafter accepted by the AGM.

5.0 ACCOUNTS FOR THE YEAR ENDED 31 DECEMBER 2009

- 5.1 The President then invited the Honorary Treasurer, Ir. Tan Yean Chin (F11712) to present the Statement of Accounts for The Institution of Engineers, Malaysia for the period 1 January 2009 to 31 December 2009.

- 5.2 Ir. Tan Yean Chin (F11712) reported that for year 2009, the Institution's total income was RM4,179,495 which showed an increase of RM309,160 compared to 2008. This was due to the increase in the annual subscription (RM2,460,621) and the rental collected for Wisma IEM (RM1,232,958). Other contributors to the income were as follows:-

| | |
|------------------------------------|------------------|
| <i>Technical Divisions Income</i> | <i>RM111,815</i> |
| <i>Credit Card Commission</i> | <i>RM102,221</i> |
| <i>Secretariat Services Income</i> | <i>RM59,978</i> |

- 5.3 The AGM noted that a number of the income sources had showed marked increase with annual subscriptions increased by 10%, rental income increased by 21% and credit cards commission increased by 13%. It was nevertheless reported that there was a drop of 52% for interest income of fixed deposits which was due to the restructuring of the Term Loan as well as a deficit in the Institutional Services.

- 5.4 The total expenses for 2009 was RM4,287,341. It was noted that the major expenses were from the Personnel Emoluments which was 38% while 16.6% was on Administrative Expenses.

The rests were on smaller items such as term loan interests (14%), depreciation (9.6%), branch subsidies (6.2%), subscriptions written off (5.6%), Bangunan Ingenieur (4.0%), Wisma IEM (2.5%) and inter-society activities (0.3%).

- 5.5 Ir. Tan Yean Chin (F11712) further reported that the overall performance for 2009 was a deficit of RM66,492 as compared to a net deficit of RM227,472 in 2008.

- 5.6 Dato' President then proceeded to invite questions from the floor.

While waiting for the members to question on the Hon Treasurer's report, Dato' President appealed to members to support the IEM credit card, car and motor vehicle insurance, travel insurance and the professional indemnity insurance.

Ir. Choo Kok Beng (F02828) also informed the AGM that there was negotiation going on to change the current credit card provider - Direct Access to Alliance Bank due to the difference in commission being paid back to IEM.

Ir. Leow Kay Pin (M02859) commented that there should be an option for the members to switch to the new bank. He suggested that the current members could use the Direct Access credit card whereas the new members could opt to use the Alliance Bank credit card. However, Dato' President further explained that there was an exclusivity clause in the current agreement with Direct Access and IEM was negotiating for the removal of the said clause.



- 5.6.1 Ir. David Lai Kong Phooi (F09917) queried on the treatment of the Branch properties in the IEM accounts since the branch accounts were not consolidated into the main account and since all properties were purchased under the name of The Institution of Engineers, Malaysia.

Dato' President informed the AGM that the accounts from the branch was not consolidated into the main HQ accounts in view that the branches were to file their accounts separately to the State IRB.

Ir. Lee Weng Onn (F08103) further clarified that IEM provided subsidies to the branches which would be treated as expenses from IEM HQ. The properties acquired by the branches were purchased in the name of the Institution and as far as the properties were concerned, the expenditure and income were consolidated into the main account.

Ir. David Lai Kong Phooi (F09917) was still unsure of the procedure and hence reiterated on how the reconciliation works when other branches were not able to produce their accounts on time. Moreover, he queried that should the property acquisition be included into the main account, what about the liability of the bank loan. He commented that it would be very clear if the branches were to own their properties.

Ir. Lee Weng Onn (F08103) continued to explain that the IEM Constitution and Bylaws did not allow the branches to own properties. As far as the accounting was concerned, the properties purchased by the branches would be reflected as expenditure incurred in the IEM main account. He further explained that any donation contributed by the branches towards the property would be considered as capital reserve in the main account and property acquisition would be reconciled in the IEM main account.

- 5.6.2 Ir. Yap Soon Hoe (F04086) commented on the staff emoluments which contributed to 38% of the total expenses and whether it was similar in related industries and that the ratio against the members' subscription followed the industry norm and whether a comparison was made against the market. He felt that it was too high and he suggested that IEM should outsource as the cost would be cheaper.

Ir. Tan Yean Chin (F11712) explained that one had to look at the membership adding that although the cost to IEM would be cheaper if IEM were to outsource but it would be an expense to the members. He cited examples of other international institutions outsourcing their activities to private profit making organisers at the expense of its members which he felt should not be applied in IEM.

Ir. Yap Soon Hoe (F04086) further proposed that there should be a benchmark against other institutions on this issue. Dato' President pointed out that IEM is one of the largest professional institution and the activities carried out by IEM may not be the same with the smaller institutions. However, Dato' President reassured that a benchmark study would be done and the outcome would be reported at the next AGM.

Ir. Lee Weng Onn (F08103) further added that IEM had been benchmarking against other institutions. In addition, he also pointed out that members of Council, Excomm as well as the other Committees in the Institution serve on a voluntary basis and as the other expenditures were small. This indirectly projected the personnel emoluments as a very big chunk of the expenditure. He also cited some examples of the private companies that charged high fees (RM1000) for a one day course whereas IEM only charge approximately 1/3 or half of the fees.

- 5.6.3 Ir. Awangku Hidup Awangku Hosain (M03053) who was also the Internal Auditor noticed that the income for the seminars and conferences conducted for the year 2009 was not so good as compared to the previous year. He suggested that IEM should be organising more activities in 2010 and should set a target to achieve this. Dato' President thanked Ir. Awangku Hidup (M03053) for his comments and agreed that more activities should be organised by the Technical Divisions as well as the IEM Training Centre. In view of this, Dato' President also appealed to the members to buy more tables for the Annual Dinner as it was not too late.

- 5.6.4 Ir. Tham Kum Weng (F01513) commented that the Internal Auditor's report should be more comprehensive and not just two (2) sentences only. He suggested that in future the Internal Auditor's report should be longer with more comments from the Internal Auditor. Dato' President responded that IEM would take note of the comments.

- 5.6.5 Ir. Hoo Hok Kim (M01212) commented that the credit card income was quite substantial with an amount of RM102,000. He enquired on the income derived from insurance schemes.

Dato' President informed that insurance schemes had been sub contracted to the IEM Training Centre Sdn Bhd with the hope that they could run it more effectively to generate more income for IEM so that the building loan would be settled fast.

YBhg Datuk Ir. Rosaline Ganendra (F06033) further explained that approximately RM40,000 had been received from the Professional Indemnity Insurance whereas the motor vehicle insurance made approximately RM10,000 (10%). It was noted that the Professional Indemnity (PI) insurance covered about 30% of the market. Members were encouraged to take up the PI Insurance offered by IEM as the coverage was better compared to other insurance providers.

The AGM was also informed that there were plans to have another PI insurance policy for smaller consultancy firms later next year as the current PI insurance catered more for the larger organisations. The AGM was further informed that the Standing Committee on Welfare and Service Matters would also be looking into the Group Health Insurance.

- 5.6.6 Ir. David Lai Kong Phooi (F09917) commented on the financial statement from the IEM Training Centre Sdn Bhd which indicated a profit of RM278,769.48 from an income of RM1.3million which made up to 20% of the income. He queried whether the IEM Training Centre Sdn Bhd would be doing better for the next year as he felt that 20% of the income was considered very little.



Ir. Yim Hon Wa (F08247) informed that the IEM Training Centre Sdn Bhd would try to do better each year as Excomm had also proposed that the IEM Training Centre Sdn Bhd should organise more courses. He felt that it would not be advisable to charge a higher fee to the members due to the current market situation.

Proposed by Ir. David Lai Kong Phooi (F09917) and seconded by Ir. Dr Muhamad Fuad Abdullah (F07442), the Financial Statements were adopted by the AGM.

- 5.7 Dato' President then proceeded to invite Ir. Tan Yean Chin (F11712), the Honorary Treasurer to present the Education Fund Account as stated from pages 150 to 156.

Ir. Tan Yean Chin (F11712) reported that the donation received amounted to RM45,429 in 2009 compared to RM319,985 in 2008. The drop was due to a donation of RM300,000 from Malakoff Corporation in 2008. Excluding the said amount, the normal donation from the members had increased from RM19,985 in 2008 to RM45,429 in 2009.

As for the expenditure, there was an increase in sponsorship amounting to RM102,255 in 2009 compared to RM1,500 in 2008.

The overall performance was a deficit of RM60,377 and that was consistent with the Inland Revenue Board's spending rule where there was need to spend at least 50% of the donation received in the previous year to satisfy the requirement of the Education Fund's tax exemption status. The Hon Treasurer explained that the Education Fund should be showing a deficit so as to comply with the IRB.

Ir. Soong Peng Soon (M06460) proposed that the Education Fund accounts be adopted. The motion was seconded by Ir. Leow Kay Pin (M07826). The AGM unanimously adopted the accounts as presented.

6.0 ANNOUNCEMENT OF THE ELECTION RESULTS FOR COUNCIL 2010/2011 SESSION

Dato' President then invited the Election Officer, YBhg. Dato' Ir. Pang Leong Hoon (HF00015) to announce the results of the election for the 2010/2011 session.

YBhg. Dato' Ir. Pang Leong Hoon (HF00015) informed the AGM that the Council had re-elected YBhg Dato' Ir. Prof. Dr Chuah Hean Teik (F09157) as the President and Ir. Vincent Chen Kim Kieong (F05128) as the Deputy President for another session. He then proceeded with the presentation of the election results.

6.1 Vice President (3 vacancies for 2 sessions 2010/2011 and 2011/2012)

The AGM was informed that over 8,734 ballot papers were sent out to the Corporate Members for the other vacant positions. Out of the total, only 1,869 (21%) ballots were received. It was noted that for the positions of Vice Presidents, there were ten (10) candidates for the two sessions. The successful candidates were: -

1. Ir. Prof Dr Ruslan Hassan (F03541)
2. YBhg. Dato' Ir. Hj. Abdul Rashid bin Maidin (F05131)
3. Ir. Choo Kok Beng (F02828)

6.3 Hon Secretary (1 vacancy for session 2010/2011)

There were two (2) candidates and the successful candidate was Ir. Prof Dr Lee Teang Shui (F03848).

6.4 Hon Treasurer (1 vacancy for session 2010/2011)

There was one (1) nomination and Ir. Assoc Prof Dr Jeffrey Chiang Choong Luin (F020286) returned unopposed as Hon Treasurer for one session.

6.5 Council Member – Representative of Other Discipline (1 vacancy for sessions 2010/2011, 2011/2012 and 2012/2013)

YBhg. Dato' Ir. Pang Leong Hoon informed the AGM that there was no nomination for this post. However, Council accepted the recommendation from Excomm that Ir. Assoc Prof Dr Cheong Kuan Yew (M18543) be nominated to fill in the above said office of Council Member – representative of Other Disciplines.

6.6 Council Members – Ordinary Representatives (10 vacancies for 3 sessions 2010/2011, 2011/2012 and 2012/2013)

YBhg. Dato' Ir. Pang Leong Hoon (HF00015) proceeded to report that 12 nominations were received for the ten (10) vacancies. The following ten (10) candidates with the highest votes had been duly elected to the office of Council Member - Ordinary Representative for three (3) sessions 2010/2011, 2011/2012 and 2012/2013.

1. Ir. Assoc Prof Dr Marlinda bt Abd. Malek (M23236)
2. Dato' Ir. Lim Chow Hock (F02531)
3. Ir. Lai Kong Phooi, David (F09917)
4. Dato' Ir. Chee Shi Tong, John (F16035)
5. Ir. Gopal Narian Kutty (F11291)
6. Ir. Tan Yean Chin (F11712)



7. Dato' Ir. First Admiral (R) Hj. Ahmad Murad bin Omar (F04741)
8. Ir. Ng Shiu Yuen, David (F15247)
9. Ir. Kim Kek Siong (M18825)
10. Ir. Chong Chew Fan (M25416)

6.7 The whole process took about three (3) months and the total cost was RM14,903.90.

6.8 YBhg. Dato' Ir. Pang Leong Hoon (HF00015) then thanked the Scrutineers, Ir. Prof. Ishak Abdul Rahman (F02106), Ir. S. Kukanesan (F02461) and Ir. K. Gunasagaran (M08216) for their support and also thanked the Secretariat for their full cooperation. He also thanked the Council for appointing him as the Election Officer.

6.9 The statistics on ballots being returned which was about 20% for the year was presented to the AGM. YBhg. Dato' Ir. Pang Leong Hoon (HF00015) then presented to the AGM samples of spoilt or rejected ballot papers. He also informed that AGM that there were also cheques and a brochure on desserts found in the ballot papers.

Dato' President then thanked YBhg. Dato' Ir. Pang Leong Hoon (HF00015) on his presentation and also congratulated the newly elected Office Bearers.

7.0 PAST PRESIDENTS TO SERVE THE COUNCIL

7.1 Dato' President informed the AGM that Council had extended invitation to the Past Presidents and the following Past Presidents had accepted the invitation:

1. Y. Bhg. Dato' Ir. Pang Leong Hoon (HF00015)
2. Y. Bhg. Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin (F01019)
3. Ir. PE Chong (F01214)
4. Ir. Dr Gue See Sew (F03975)
5. Y. Bhg. Datuk Ir. Prof Dr Ow Chee Sheng (F05738)

8.0 PRESENTATION OF MEMENTOS TO RETIRING COUNCIL MEMBERS

8.1 Dato' President thanked the Council Members who were retiring from office for the 2009/2010 session and invited them to receive tokens of appreciation. The Honorary Secretary, Ir. Assoc. Prof Dr Jeffrey Chiang Choong Luin (M20286) read the names of all those who would be retiring and the President presented the tokens to them.

9.0 LONG SERVICE AWARD TO STAFF

9.1 Dato' President presented the Long Service Award to the following Secretariat staff who had served the Institution for ten (10) years.

*Janet Lim Kwai Cheng
Sarita Kaur
Norimah bt Md. Hashim
Nurul Aida bt Mustafa*

The following staff also received their Long Service Award for twenty-five (25) years' service.

*Jamaliah bt Zainudin
Tirimurugan a/l Odayan*

The staff received a cheque and a certificate of appreciation.

10.0 CHANGE OF OFFICE BEARERS

10.1 Dato' President then thanked the retiring Council Members for the support extended to him for the last session. The outgoing Council Members then stepped down to give way for the newly elected Council Members to take their seat at the podium. The members who were still serving for another session were requested to remain seated.

11.0 ELECTION OF HONORARY INTERNAL AUDITORS

11.1 Dato' President then 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 2010/2011 session.

Member

*Ir. Tham Kum Weng (F01513)
Ir. Awangku Hidup Awangku Hosain (M03053)*

Proposer

*Ir. Oon Chee Kheng (F08530)
Ir. Yusouf Ahmad (F05627)*

Secunder

*Ir. Leow Kay Pin (M07826)
Ir. Richard Wong Chuen Fun (M07180)*

As there were no objections, the nomination was proposed closed by YBhg. Academician Dato' Ir. Lee Yee Cheong (DHF00220). The AGM thereafter accepted the appointment of Ir. Tham Kum Weng (F01513) and Ir. Awangku Hidup Awangku Hosain (M03053) as the Honorary Internal Auditors.

**12.0 APPOINTMENT OF EXTERNAL AUDITORS**

- 12.1 Dato' President informed the AGM that the Council had recommended the re-appointment of Messrs KPMG (Chartered Accountants) as the External Auditors. It was noted that Anthony Skelchy & Co had been maintained as the Accountant and Messrs PKF Tax Consultant as the Tax Consultant for the session 2010/2011. The AGM unanimously supported the Council's recommendation and confirmed the re-appointment of Messrs KPMG as the External Auditors.

13.0 ANY OTHER BUSINESS (AOB)**13.1 The title "Ir."**

The AGM was informed that IEM received a letter regarding the "Ir." issue. It was noted that correspondence from BEM had been using the title "Ir" without the "fullstop". Dato' President further informed the AGM that this issue concerned the BEM and it was agreed that the five (5) representatives to the Board would raise this issue at the next Board meeting.

Ir. Vivekananda Murugesu (G05808) further commented that according to the Oxford Dictionary, the title or abbreviation for "Mr" and "Dr" do not have the "fullstop". Hence, he felt "Ir." should be consistent with the proper usage of the English language where there should not be a "fullstop". Dato' President reiterated that this issue was related to the Registration of Engineers Act and it would be up to the Board to decide whether to remove the "fullstop" in the title "Ir."

Ir. Soo Tian Tiong (M04575) pointed out that this issue should not be taken lightly. Dato' President reassured that this issue would be forwarded to the Board for their further discussion.

13.2 Staff Long Service Award

Dato' President informed that the Award was given at the exact number of years the staff had served ranging from 10, 15, 25, 30, 35 etc.

14.0 PRESIDENTIAL ADDRESS 2010/2011

- 14.1 Dato' President was then invited to present the Presidential Address 2010 entitled "*Engineering Mobility, Globalisation and A Green Technology for a Sustainable Future*".

The new Honorary Secretary, Ir. Prof Dr Lee Teang Shui (F03848) thanked Dato' President for his presidential address and also his contribution to the engineering fraternity. He pointed out that more activities should be organised and the members should contribute their services to the Institution. He also commented that there should be articles on the Washington Accord and the ASEAN Engineers Register in the bulletin to create awareness to the members concerning the said bodies.

15.0 ADJOURNMENT OF 51st ANNUAL GENERAL MEETING 2010

- 15.1 Dato' President declared the 51st Annual General Meeting adjourned at 11.45 am. Dato' President reminded members that the Annual Dinner would be held at the Grand Ballroom, Sime Darby Convention Centre, Bukit Kiara.

YBhg. Dato' Ir. Prof. Dr Chuah Hean Teik
Yang Di Pertua

Ir. Prof Dr Lee Teang Shui
Setiausaha Kehormat



| NO | NAME | MEMBERSHIP NO | MEMBER | |
|--------------------------------------|--|---------------|--------|---|
| DISTINGUISHED HONORARY FELLOW | | | | |
| 1. | Y.Bhg. Dato' Academician Ir. Lee Yee Cheong | D.Hon. F00220 | 53 | Ir. Yam Teong Siang 05613 |
| HONORARY FELLOW | | | | |
| 1. | Y.Bhg Dato' Ir. Pang Leong Hoon | Hon.F00015 | 54 | Ir. Yee Tet Shun 02870 |
| FELLOW | | | | |
| 3 | Y.Bhg Dato' Ir. Abdul Rashid Maidin | 05131 | 55 | Ir. Yim Hon Wa 08247 |
| 4 | Ir. Badrul Hisham Mohd Ali | 12035 | 56 | Ir. Yusoff Md Nasir 08713 |
| 5 | Y.Bhg. Dato' Ir. Chee Shi Tong, John | 16035 | 57 | Ir. Yusouf Ahmad 05627 |
| 6 | Ir. Chen Kim Keong, Vincent | 05128 | 58 | Ir. Abdul Kalthani Abdul Ghani 05204 |
| 7 | Ir. Cheong Thiam Fook | 06100 | 59 | Ir. Abdul Wahid Paijo 18631 |
| 8 | Ir. Chew Ching Chong | 04541 | 60 | Ir. Ahmad Anuar Othman 13148 |
| 9 | Ir. Ching Mee Poon | 01334 | 61 | Ir. Ahmad Husaini Sulaiman 03394 |
| 10 | Ir. Chong Boo Choon | 01936 | 62 | Ir. Maj. @ Ir. Hj. Ahmad Mazlan Othman 10137 |
| 11 | Ir. Choo Kok Beng | 02828 | 63 | Ir. Ahmad Razmi Abd Ghaffar 09937 |
| 12 | Ir. P.E. Chong | 01214 | 64 | Ir. Ahmad Shahidan Said 14164 |
| 13 | Y.Bhg Dato' Ir. Prof. Dr. Chuah Hean Teik | 09157 | 65 | Ir. Ang Boh Kheng 02886 |
| 14 | Ir. Foong Choy Chye | 03799 | 66 | Ir. Ang Toon Thut 17941 |
| 15 | Ir. Goh Kar Bung | 08013 | 67 | Ir. Awangku Hidup Awangku Hosain 03053 |
| 16 | Ir. Gopal Narian Kutty | 11291 | 68 | Ir. Beh Kim Boon 16294 |
| 17 | Ir. M.C. Hee | 13947 | 69 | Ir. Bhupinder Singh Brar a/l Kirpal Singh Brar 34419 |
| 18 | Ir. Hoo Choon Sean | 02312 | 70 | Ir. Chan Fook Wah 04112 |
| 19 | Ir. Ishak Abdul Rahman | 02106 | 71 | Engr. Chan Hoe Cheong 29066 |
| 20 | Ir. Jong Nyan Tchan, Edwin | 18877 | 72 | Engr. Chan Zhi Han 29706 |
| 21 | Y.Bhg Dato' Paduka Ir. Prof. Hj. (Dr.) Keizrul Abdullah | 01691 | 73 | Ir. Cheah Seuk Poh 03534 |
| 22 | Ir. Kukanesan s/o Sakthiveil | 02461 | 74 | Ir. Cheng Heang Swee 26952 |
| 23 | Ir. Lai Koay Phooi, David | 09917 | 75 | Ir. Assoc Prof. Dr. Cheong Kuan Yew 18543 |
| 24 | Ir. Lai Sze Ching | 04687 | 76 | Ir. Cheong Loon Kwong, Allen 11815 |
| 25 | Ir. Lee Boon Chong | 08092 | 77 | Ir. Dr. Chew Chong Key 14325 |
| 26 | Ir. Prof. Dr. Lee Teang Shui | 03848 | 78 | Engr. Chew Chong Way 08870 |
| 27 | Ir. Lee Weng Onn | 08103 | 79 | Ir. Chew Leak Yan 16406 |
| 28 | Y.Bhg Dato' Ir. Lim Chow Hock | 02531 | 80 | Ir. Assoc Prof. Dr. Chiang Choon Luin, Jeffrey 20286 |
| 29 | Ir. Look Keman Sahari | 07295 | 81 | Engr. Chiew Sing Huat 18229 |
| 30 | Ir. Ma Meng Fook | 13496 | 82 | Ir. Chin Shyi Her 24341 |
| 31 | Ir. Mah Soo | 11102 | 83 | Ir. Chin Thiam Loong 06913 |
| 32 | Ir. Hj. Mohamed Ali Yusoff | 01974 | 84 | Ir. Chin Wei Choong 03728 |
| 33 | Y.Bhg Dato' Ir. Hj Mohd Isa Hj Sarman | 02875 | 85 | Ir. Chong Chew Fan 25416 |
| 34 | Ir. Mohd Khir Muhammad | 18791 | 86 | Ir. Chong Fook Chow 03956 |
| 35 | Ir. Dr. Muhamad Fuad Abdullah @ KH Yeoh | 07442 | 87 | Ir. Choo Boon Lim 01628 |
| 36 | Ir. Ng Kok Peng | 03745 | 88 | Ir. Choo Teck Hin 14540 |
| 37 | Ir. Ng Shiu Yuen, David | 15247 | 89 | Ir. Chooi Chin Swee 03458 |
| 38 | Ir. Noor Hisham Yahya | 11497 | 90 | Engr. Chow Foong Wan 17505 |
| 39 | Ir. Oon Chee Kheng | 08530 | 91 | Ir. Chu Pak Eng 02169 |
| 40 | Y.Bhg Datuk Ir. Prof. Dr. Ow Chee Sheng | 05738 | 92 | Ir. Prof. Dr. Chung Boon Kuan 16910 |
| 41 | Ir. Ponimin Tayat | 06430 | 93 | Ir. Chwa Kim Guan 19634 |
| 42 | Y.Bhg Datuk Ir. Rosaline Ganendra | 06033 | 94 | Ir. Endok Sempoh Mohd Tahir 28367 |
| 43 | Ir. Prof. Dr. Ruslan Hassan | 03541 | 95 | Engr. Foo Kai Jaan 22304 |
| 44 | Ir. Shamuri Amat Waridi | 02581 | 96 | Ir. Fred Devakumar s/o Stephen Navaratnam 04758 |
| 45 | Ir. Siri Pathamanathan s/o Sathasivam | 06184 | 97 | Ir. Gan Kok Seong 11523 |
| 46 | Ir. Soo Thong Phor | 07464 | 98 | Ir. Goh Chee Eng 04108 |
| 47 | Ir. Tan Beng Hua | 02487 | 99 | Ir. Goh Gin Han 00945 |
| 48 | Ir. Tan Chee Lin, Philip | 12562 | 100 | Engr. Goh Sheng Pun 18185 |
| 49 | Ir. Tan Keng Hong | 02699 | 101 | Ir. Gunasagaran a/l Kristnan 08216 |
| 50 | Ir. Tan Yean Chin | 11712 | 102 | Ir. Haw King Guan 07866 |
| 51 | Ir. Tang Kam Kok | 00737 | 103 | Ir. Hoo Hok Kim 01212 |
| 52 | Ir. Tham Kum Weng | 01513 | 104 | Ir. Hooi Wing Chuen 19934 |
| | | | 105 | Ir. Hoong Farn Cheong, Alvin 30798 |
| | | | 106 | Ir. Hui Hiu Yee 13450 |
| | | | 107 | Ir. Jagathisen s/o Siva Perumal 05107 |
| | | | 108 | Ir. Jagjeet Singh Sidhu 07146 |
| | | | 109 | Ir. Jasvinder Singh 12812 |
| | | | 110 | Ir. Juares Rizal Abd Hamid 04562 |
| | | | 111 | Ir. Kamal Pasha Mokhtar 23031 |
| | | | 112 | Ir. Kasman@Ab Rahman Pardi 03430 |



| | | | | | |
|-----|---|-------|-----|--------------------------------------|-------|
| 113 | Y.Bhg Dato' Engr. Kazal Sinha | 02099 | 175 | Ir. Mohammad Nazri Sulaiman | 21967 |
| 114 | Ir. Khor Hock Keat | 03670 | 176 | Engr. Mohd Azwira Mohd Azmi | 22409 |
| 115 | Ir. Khor Kong Chong | 13301 | 177 | Ir. Mohd Jaafar Mohd Daud | 04905 |
| 116 | Ir. Khor Kong Kee | 01129 | 178 | Ir. Mohd Mazni Abd Aziz | 05403 |
| 117 | Ir. Khor Peng Seong | 12709 | 179 | Engr. Mohd Saiful Mustafa | 29074 |
| 118 | Engr. Kim Kek Seong | 18825 | 180 | Ir. Mohd Zamin Jumaat | 09284 |
| 119 | Ir. Koay Koon Hin | 02326 | 181 | Ir. Mustafa Kamal Ariffin | 38710 |
| 120 | Ir. Koh Fong Chong | 16620 | 182 | Engr. Ng Chong Beng | 14702 |
| 121 | Ir. Koh Pek Eng | 11453 | 183 | Ir. Ng Jin Seng | 15807 |
| 122 | Engr. Kok Hee Poh | 15887 | 184 | Ir. Ng Kien An | 16214 |
| 123 | Ir. Kok Yen Kwan | 22574 | 185 | Ir. Ng Teik Poh | 13463 |
| 124 | Ir. Kon Chau Hwa | 05026 | 186 | Ir. Miss Ng Yek Kan | 03559 |
| 125 | Ir. Kor Fong Yong | 03877 | 187 | Ir. Ng Yong Kong | 05043 |
| 126 | Ir. Kwong Kia Teng | 06880 | 188 | Ir. Ng, Robert | 01655 |
| 127 | Ir. Lai Kok Phooi | 19582 | 189 | Ir. Nik Mohd Hasmizie Nik Mohd Kamil | 38300 |
| 128 | Engr. Lai Seak Chin | 23172 | 190 | Ir. Noor Iziddin Abdullah Ghazali | 21868 |
| 129 | Ir. Lalchand a/l Gulabrai | 17881 | 191 | Ir. Nuzor Salleh | 14222 |
| 130 | Engr. Lam Kok Wai | 20798 | 192 | Engr. Ong Beng Hoe | 12715 |
| 131 | Ir. Lau Chee Wai | 05468 | 193 | Ir. Ong Ching Loon | 11938 |
| 132 | Engr. Lau Hui Leong | 29697 | 194 | Ir. Ong Sang Woh | 06634 |
| 133 | Ir. Lau Lee Yeng | 07826 | 195 | Ir. Ong Ye Poo | 12282 |
| 134 | Ir. Lau Tai Onn | 03704 | 196 | Engr. Ooi Eam Hooi, Raymond | 29144 |
| 135 | Ir. Lee Chow Khweng | 06025 | 197 | Ir. Ooi Hock Lye | 15897 |
| 136 | Ir. Lee Hong Fah | 14947 | 198 | Ir. Packianathan Kunaseelan | 02157 |
| 137 | Engr. Lee Keh Ren | 24384 | 199 | Engr. Padmanathan a/l Subramaniam | 07782 |
| 138 | Engr. Lee Loi Kong | 26909 | 200 | Ir. Pang Kia Kim | 22014 |
| 139 | Ir. Lee Mun Poh | 08600 | 201 | Engr. Pang San Woh | 14936 |
| 140 | Engr. Lee Sun Chang | 40019 | 202 | Ir. Razmahwata Mohamad Razalli | 17029 |
| 141 | Engr. Lee Sze Wei | 20320 | 203 | Ir. Roslan Abd Azis | 11378 |
| 142 | Ir. Leong Chee Tuck | 09665 | 204 | Ir. Sabirin Salamat | 02403 |
| 143 | Ir. Leong Chin Sean | 02784 | 205 | Ir. Safari Hj Mat Desa | 30537 |
| 144 | Ir. Leong Kong Heng | 05483 | 206 | Engr. Sew Shuh Tyng | 11409 |
| 145 | Engr. Leong Mun Yew | 17730 | 207 | Ir. Shahrom Man | 17378 |
| 146 | Ir. Leow Kay Pin | 02859 | 208 | Ir. Assoc. Prof. Dr. Shuhaimi Mansor | 14081 |
| 147 | Ir. Lew Wing Kwong | 02760 | 209 | Ir. Shukhen Dutt | 15781 |
| 148 | Ir. Li Thang Fai | 15803 | 210 | Ir. Shum Keng Yan | 14287 |
| 149 | Engr. Liew Ka Wei | 24734 | 211 | Ir. Soon Kong Wang | 18749 |
| 150 | Ir. Lim Ah Bah | 03263 | 212 | Ir. Soong Peng Soon | 06460 |
| 151 | Ir. Lim Boon Chye, Boone | 10490 | 213 | Ir. Soong Sow Meng | 04565 |
| 152 | Ir. Lim Chee Peng | 04530 | 214 | Ir. Spencer Klumai | 21475 |
| 153 | Ir. Lim Cheng Poh | 15805 | 215 | Ir. Sreedaran Raman | 38681 |
| 154 | Engr. Lim Eng Tui | 21685 | 216 | Engr. Dr. Tan Kuang Leong | 13221 |
| 155 | Ir. Lim Hok Lian | 13396 | 217 | Ir. Tan Cheng Peng | 21134 |
| 156 | Ir. Lim Kim Ten | 24468 | 218 | Ir. Tan Hang Beng | 02998 |
| 157 | Ir. Lim Poo Lee | 05448 | 219 | Engr. Tan Hua Chun | 21296 |
| 158 | Ir. Lim Tian Lu | 12778 | 220 | Engr. Tan Jee Aun | 17194 |
| 159 | Engr. Lim Wee Tin | 22626 | 221 | Engr. Tan Kian Soon | 18938 |
| 160 | Ir. Loh Chye Hock | 02788 | 222 | Ir. Tan Kim Thin | 14199 |
| 161 | Engr. Lok Boon Cheng | 09756 | 223 | Ir. Tan Loo Shyang | 14648 |
| 162 | Engr. Lok Wai Lun @ Reineke Lok | 19709 | 224 | Ir. Tan See Kok | 02152 |
| 163 | Ir. Loo Kin Leong | 22575 | 225 | Ir. Tan Swee Khiam | 02673 |
| 164 | Ir. Loo Wen Siang | 05655 | 226 | Ir. Tan Wang Khai | 28838 |
| 165 | Ir. Mah Peng Cheah | 13724 | 227 | Ir. Tang Chee Yong | 11694 |
| 166 | Ir. Maimun@Mahmood Hj Taib | 02520 | 228 | Ir. Tang Chin Chua | 14282 |
| 167 | Ir. Manogaran a/l K. Raman | 08218 | 229 | Ir. Tang Choo Hai | 39101 |
| 168 | Ir. Assoc. Prof. Dr. Marlinda Abd Malek | 23236 | 230 | Ir. Tang Keng Lock | 03784 |
| 169 | Ir. Megat Mukhtar Megat Nasir | 03568 | 231 | Engr. Teh Guan Hoon | 21058 |
| 170 | Ir. Mohamad Haizam Mohd Sibi | 26885 | 232 | Ir. Teh See Tee | 08139 |
| 171 | Ir. Prof. Dr. Mohamad Nor Berhan | 08251 | 233 | Ir. Teng Yien Chen | 16926 |
| 172 | Engr. Mohamad Zubir Mohamad Raduan | 18471 | 234 | Engr. Teo Eng Seng | 15832 |
| 173 | Engr. Mohamed Abdul Aziz | 11111 | 235 | Engr. Teoh Chin Han | 22176 |
| 174 | Ir. Mohammad Ariff A Karim | 16918 | 236 | Ir. Than Yoke Choy | 04608 |



| | | |
|-----|-------------------------------|-------|
| 237 | Engr. Thavanendran Mahalingam | 31716 |
| 238 | Ir. Thavarajan Muthiah Pillai | 11730 |
| 239 | Engr. Teh Heng Kee | 31520 |
| 240 | Ir. Teh Piaw Ngj | 05327 |
| 241 | Ir. Thum Yeok Seng | 02457 |
| 242 | Engr. Ting Tiew Whong | 24193 |
| 243 | Ir. Tiong Ngo Pu | 07252 |
| 244 | Engr. Toh Yik Fung | 35622 |
| 245 | Ir. Tu Yong Eng | 15448 |
| 246 | Ir. Hj. Tunai Shamsidi Ahmad | 07434 |
| 247 | Engr. Wang Tai Fong | 20366 |
| 248 | Engr. Wong Chee Fui | 20903 |
| 249 | Engr. Wong Chow Loong | 19614 |
| 250 | Ir. Wong Chuen Fun, Richard | 07180 |
| 251 | Engr. Wong Chuze Keong | 19051 |
| 252 | Ir. Wong Huan Yong | 12895 |
| 253 | Engr. Wong Kok Wai | 05845 |
| 254 | Ir. Wong Sai Yong | 16359 |
| 255 | Ir. Wong Swee On | 03830 |
| 256 | Ir. Phillip Wong | 13736 |
| 257 | Ir. Wong Tuck Woh | 03489 |
| 258 | Ir. Woo Mun Meng | 03215 |
| 259 | Ir. Yap Kian Fui | 05879 |
| 260 | Ir. Yap Sin Chong | 05515 |
| 261 | Ir. Yap Soon Hoe | 04086 |
| 262 | Ir. Yap Wai Hoong | 09433 |
| 263 | Engr. Yau Chau Fong | 20215 |
| 264 | Engr. Yee Cheze Kwang, Felix | 19672 |
| 265 | Ir. Yee Thien Seng | 03177 |
| 266 | Ir. Yee Yew Weng | 16324 |
| 267 | Ir. Yeo Joo Kun | 03561 |
| 268 | Ir. Yeoh Sik Chong | 06707 |
| 269 | Ir. Yeong Chin Chow, Simon | 18660 |
| 270 | Ir. Yew Teik Kuan | 17212 |
| 271 | Engr. Yong Eng Chieh | 26595 |
| 272 | Engr. Yong Shu Hwa | 28976 |
| 273 | Ir. Zakaria Nanyan | 08624 |
| 274 | Ir. Zulkarnain Mohd Yusof | 34426 |
| 275 | Ir. Zulkeflee Khalidin | 04582 |

GRADUATE

| | | |
|-----|----------------------------------|-------|
| 276 | Engr. Abi Sofian Abdul Hamid | 13552 |
| 277 | Engr. Azham Mali Mohd Hshim | 14808 |
| 278 | Engr. Cheng Kam Hon | 28830 |
| 279 | Engr. Icahri Hj Chatta | 30577 |
| 280 | Engr. Lai Chuan Hoong | 33730 |
| 281 | Engr. Leong Chee Hoe | 31141 |
| 282 | Engr. Mohd Eya Redhuan Khairudin | 31633 |
| 283 | Engr. Mohd Yahaya Ahmad | 15498 |
| 284 | Engr. Muhammad Faidzal Zainal | 24494 |
| 285 | Engr. Muhammad Riza Abd Rahman | 34369 |
| 286 | Engr. Ng Kok Chiang | 25677 |
| 287 | Engr. Ng Min Li | 24064 |
| 288 | Engr. Nizamudeen Mansoor | 17436 |
| 289 | Engr. Philip D'cruz a/l Segaran | 41166 |
| 290 | Engr. Sek Fook Meng | 13965 |
| 291 | Engr. Shuhairy Norhisham | 32614 |
| 292 | Engr. Sia Hua Jiah | 34360 |
| 293 | Engr. Teo Meng Seng | 09330 |
| 294 | Engr. Vivekananda Murugesu | 05808 |

OBSERVERS

| | | |
|-----|------------------------------------|-------|
| 295 | Mr Chong Chee Wah – Deleted member | 16792 |
| 296 | Mr. San T. T | |
| 297 | Mr. Yap Soon Haur | |



**MINIT MESYUARAT AGUNG TAHUNAN KE 51 INSTITUSI JURUTERA MALAYSIA (IEM)
YANG DIADAKAN PADA 17 APRIL 2010 DI AUDITORIUM TAN SRI PROF. CHIN FUNG KEE,
WISMA IEM PADA PUKUL 9.00 PAGI.**

KEHADIRAN AHLI – SEPERTI LAMPIRAN A

1.0 UCAPAN ALUAN OLEH YANG DIPERTUA

- 1.1 Yang Dipertua, YBhg. Dato' Ir. Prof. Dr. Chuah Hean Teik (F09157) mengalu-ngalukan semua ahli yang hadir dan memulakan Mesyuarat Agung Tahunan (MAT) Yang Ke-50 pada pukul 9:00 pagi. Beliau memaklumkan bahawa empat (4) bilik yang berasingan digunakan untuk MAT. Perjalanan MAT dari bilik utama di Auditorium Tan Sri Prof Chin Fung Kee akan disiarkan terus ke tiga-tiga bilik yang lain iaitu Auditorium Malakoff di tingkat bawah, Bilik Kuliah C&S/TUSTD dan Bilik Fungsi IEM 2. Kakitangan Sekretariat ditempatkan di setiap bilik untuk memberikan bantuan kepada ahli sepanjang berlangsungnya MAT. Ahli-ahli yang ingin mengajukan soalan diminta untuk memberikan nama dan nombor keahlian dengan jelas untuk tujuan rekod.

2.0 PENGESAHAN MINIT MESYUARAT AGUNG TAHUNAN KE-50 YANG TELAH BERLANGSUNG PADA 18 APRIL 2009

- 2.1 Ahli-ahli diminta untuk meneliti minit pada muka surat 47 ke 58 Laporan Tahunan sekiranya terdapat sebarang kesilapan. Ucapan terima kasih untuk Ir. Dr. Muhamad Fuad Abdullah (F07442) kerana bantuan dalam perterjemahan minit ke dalam Bahasa Malaysia seperti di dalam Laporan Tahunan pada muka surat 62 ke 73.

Ahli-ahli diminta untuk menyemak nama mereka dalam senarai kehadiran ahli (muka surat 59-61). Ir. Chong Pick Eng (F01214) telah membuat pembetulan pada namanya yang telah disalah eja dalam senarai kehadiran ahli (no.13) di muka surat 59. Ia harus dieja sebagai Ir. Chong Pick Eng.

Ir. Wong Chuen Fun, Richard (M07180) telah mencadangkan bahawa minit MAT Ke-50 yang telah diadakan pada 18 April 2009 disahkan. Cadangan tersebut disokong oleh Ir. Leow Kay Pin (M02859) dan diterima dengan sebulat suara oleh semua ahli yang hadir.

- 2.1 Memandangkan tiada lagi sebarang pindaan dibangkitkan, Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin (F01019) telah mencadangkan minit Mesyuarat Agung Tahunan Ke-49 yang diadakan pada 19 April 2008 disahkan. Cadangan tersebut disokong oleh Ir. Ishak bin Abdul Rahman (F02106) dan diterima dengan sebulat suara oleh ahli yang hadir.

3.0 PERKARA BERBANGKIT

Dato' Yang Dipertua telah menerangkan kepada ahli mengenai perkara-perkara berbangkit dari MAT tahun lalu seperti berikut:

Muka surat 48 – Perkara 3.1

Pendaftar Pertubuhan telah meluluskan cadangan pindaan Artikel 2.9, 3.1 dan 6.3 Perlembagaan dan Undang-Undang Kecil IEM. Ahli-ahli telah dimaklumkan bahawa IEM sedang dalam proses mengemaskini Perlembagaan dan Undang-Undang Kecil IEM.

Muka surat 50 – Perkara 4.2.3

Jawatankuasa Tetap Kelayakan dan Kemasukan telah diminta meninjau penganjuran aktiviti galakan penambahan keahlian di selain dari institusi pengajian tinggi seperti di pelbagai organisasi serta cawangan IEM. Di samping itu, lebih banyak ceramah petang dan lawatan teknikal telah diadakan sepanjang tahun. Jawatankuasa Tetap Kebajikan dan Hal Ehwal Perkhidmatan akan meninjau untuk menyediakan lebih perkhidmatan tambah nilai kepada ahli-ahli IEM. Pada masa ini IEM menyediakan sejumlah program affinity dan skim insurans serta perkhidmatan kebajikan lain untuk manfaat tambahan kepada ahli.

Jawatankuasa Tetap Aktiviti dan Bahagian-Bahagian Teknikal telah mengenakan yuran pendaftaran yang lebih tinggi bagi bukan ahli IEM untuk menghadiri aktiviti. Ahli-ahli IEM tetap membayar yuran yang rendah sebagai salah satu manfaat menjadi ahli.

Muka surat 53 – Perkara 5.4.3

Dato' Yang Dipertua telah merujuk kepada komen dalam MAT yang lalu mengenai keperluan IEM Training Centre Sdn Bhd sebagai anak syarikat IEM untuk mengemukakan butiran akaun terperinci di dalam Laporan Tahunan. Dato' Yang Dipertua memaklumkan bahawa laporan akaun bagi tahun 2008 telah dimuatnaik di laman sesawang sementara laporan prestasinya bagi tahun 2009 telah dimasukkan pada muka surat 158 Laporan Tahunan tahun ini.

Ahli-ahli yang hadir MAT seterusnya telah dijemput untuk mengemukakan soalan berkenaan dengan minit MAT Ke-50.



4.0 LAPORAN MAJLIS BAGI SESI 2009/2010

Setiausaha Kehormat telah membentangkan Laporan Tahunan Ke-51 dari muka surat 80 hingga 116

4.1 Majlis dan Jawatankuasa Eksekutif

Setiausaha Kehormat, Ir. Prof Madya Dr Jeffrey Chiang Choong Luin (M20286) menyoroti pelbagai aktiviti dan acara yang telah dijalankan pada tahun 2009. MAT telah dimaklumkan bahawa lima (5) mesyuarat Majlis telah diadakan sepanjang tahun 2009/2010 untuk membincangkan perjalanan Institusi berhubung perkara dasar dan keputusan yang diambil serta hal-hal yang lain. Jawatankuasa Eksekutif telah mengadakan sebanyak 16 kali mesyuarat pada tahun 2009/2010 dalam rangka mentadbir urusan Institusi dan melaksanakan arahan dari Majlis. Ir. Prof Madya Dr Jeffrey Chiang Choong Luin (M20286) seterusnya mengucapkan terima kasih kepada Pengerusi setiap dari lapan (8) Jawatankuasa Tetap di atas perkhidmatan dalam menjalankan urusan harian Institusi.

4.2 Penyewaan Wisma IEM

Maktab Kerjasama Malaysia (MKM) telah menyewa Wisma IEM sejak Julai 2009 dan mereka telah mengambil sebanyak 85% dari ruang bangunan. IEM telah menggunakan baki 15% untuk menjalankan aktiviti.

4.3 Pasukan Petugas bagi Kutipan Dana

Satu Pasukan Petugas bagi Kutipan Dana untuk Wisma IEM telah ditubuhkan pada tahun 2009 dengan pelantikan YBhg. Datuk Wira Ir. Md. Sidek Ahmad (F07345) sebagai Pengerusi dan Ir. Dr Gue See Sew (F03975) sebagai Pengerusi Bersama.

Setakat ini jumlah sumbangan yang diterima daripada ahli adalah sebanyak RM730,311.20 di mana RM361,495.00 adalah dari akaun insentif dari Bahagian-Bahagian Teknikal. Penghargaan dirakamkan kepada penyumbang-penyumbang.

4.4 Anugerah Prestasi Cemerlang bagi Kutipan Dana untuk Tabung Bangunan IEM

Pemenang untuk Anugerah Prestasi Cemerlang bagi Kutipan Dana untuk Tabung Bangunan IEM telah diumumkan seperti berikut:-

| | |
|--|---------------------|
| (i) <i>Pingat Perak</i> <i>Tunnelling, Underground and Space Engineering Technical Division</i> | <i>RM50,001</i> |
| (ii) <i>Pingat Emas</i> <i>Geotechnical Engineering Technical Division</i> | <i>RM285,000</i> |
| (iii) <i>Pingat Platinum</i> <i>Mechanical Engineering Technical Division</i> | <i>RM327,241.80</i> |

Ir. Prof Madya Dr Jeffrey Chiang Choong Luin (M20286) mengucapkan terima kasih kepada Bahagian Teknikal berkenaan di atas sumbangan mereka. Penghargaan khas juga dirakamkan untuk YBhg. Academician Dato' Ir. Lee Yee Cheong (DHF00220) di atas sumbangannya sebanyak RM150,000 kepada Tabung Bangunan IEM dan untuk tujuan ini, pusat sumber yang dikendalikan oleh Maktab Kerjasama Malaysia di Wisma IEM akan dinamakan dengan nama beliau. Di samping itu, upacara perasmian khas juga akan diadakan untuk penamaan Auditorium Wisma IEM sebagai Auditorium Tan Sri Prof Chin Fung Kee.

4.5 Cawangan IEM – Pemilikan Bangunan Sendiri

Dua (2) Cawangan IEM iaitu Perak dan Negeri Sembilan telah memiliki bangunan mereka sendiri. Ibu Pejabat IEM telah membantu Cawangan Perak dalam permohonan pinjaman bank.

4.6 Keahlian

Keahlian IEM telah bertambah sedikit sepanjang tahun dengan peningkatan sebanyak 6.25%. Penghargaan dirakamkan untuk Jawatankuasa Kecil Galakan Keahlian dan Bimbingan Kerjaya di bawah kepimpinan Ir. Noor Hisham bin Yahaya (F11497) di atas usaha mereka dalam meningkatkan keahlian Institusi.

MAT telah mengambil maklum perincian jumlah keahlian mengikut Gred:

| | |
|---|---------------|
| <i>Bilangan keahlian pada 1.3. 2010</i> | <i>22,974</i> |
| <i>Ahli Felo</i> | <i>709</i> |
| <i>Ahli Korporat</i> | <i>8,484</i> |
| <i>Ahli Graduan</i> | <i>6,857</i> |
| <i>Ahli Pelajar</i> | <i>6,852</i> |
| <i>Gred lain-lain</i> | <i>72</i> |



4.7 Pengubahsuaian Perpustakaan IEM.

Perpustakaan IEM telah ditutup buat sementara untuk pengubahsuaian dari pertengahan bulan Februari 2010. Penghargaan telah dirakamkan untuk Ir. Allen Cheong Loong Kwang (M11815) kerana sumbangan beliau berjumlah RM20,000 untuk tujuan penambahbaikan tersebut.

4.8 Penambahbaikan Pejabat Sekretariat IEM

Pejabat Sekretariat juga mengalami pembaharuan dengan beberapa jabatan dipindahkan ke tingkat 2 untuk ruang kerja yang lebih memandangkan penambahan bilangan kakitangan dan untuk persekitaran kerja yang lebih selesa. Penghargaan telah dirakamkan untuk Hong Leong Bank di atas sumbangan ruangan kerja kepada Pejabat Sekretariat.

4.9 Aktiviti Sepanjang Tahun

Di antara aktiviti utama yang dianjurkan pada tahun 2009 adalah seperti berikut:-

- (i) *International Conference on Engineering and Education in the 21st Century (ICEE) held on 23-25 March 2009, Sarawak. Seramai 280 peserta telah menghadiri persidangan tersebut.*
- (ii) *27th Conference of the ASEAN Federation of Engineering Organisation (CAFEO) held on 30 November – 2 December 2009, Singapore dengan penyertaan seramai 86 peserta ke persidangan tersebut.*
- (iii) *IEM Family Day held on 18 May 2009, Taman Jaya Lake.*
- (iv) *4th Malaysian Chem-E-Car Competition held on 4 – 5 March 2009 at MICET, UniKL, Melaka.*

4.10 Gabungan Antarabangsa

IEM dilantik semula sebagai Sekretariat Tetap ASEAN Federation of Engineering Organization (AFEO) dan ASEAN Engineers Register (AER) dan juga Federation of Engineering Institutions of Asia and the Pacific (FEIAP).

4.11 Penubuhan Bahagian Teknikal dan Kumpulan Minat Khas Baru

Satu (1) Bahagian Teknikal baru iaitu Bahagian Teknikal Kejuruteraan Elektronik (berpusat di Penang) dan satu kumpulan minat khas iaitu Kumpulan Minat Khas Jurutera Perunding telah ditubuhkan pada tahun lalu.

4.12 Perkembangan Terkini

IEM telah menerima geran daripada MIDA seperti berikut:

- *Program Outreach sebanyak RM472,000 dan*
- *Penambahbaikan Infrastruktur IT IEM berjumlah RM1,000,000*

Geran untuk peningkatan Infrastruktur IT ini digunakan untuk membangunkan sebuah laman portal dan memperbaiki peralatan IT di Sekretariat. Setiausaha Kehormat kemudian mengucapkan terima kasih kepada MIDA bagi pihak IEM di atas bantuan geran tersebut.

4.13 Sesawang Portal IEM

Sesawang portal IEM dijangka akan siap pada bulan Ogos 2010. Ini akan menjadikan perkhidmatan IEM lebih efisien dan membolehkan ahli mendapatkan perkhidmatan IEM dengan lebih baik.

4.14 Acara akan datang

Acara yang akan datang untuk tahun 2010:

- *Engineering Week dari 19 – 24 April 2010*
- *5th Malaysian Chem-E-Car Competition diadakan pada 22 July 2010*
- *IEM Family Day diadakan pada on 25 July 2010*
- *Brownfield Conference diadakan pada September 2010.*

4.2 Dato' Yang Dipertua mengucapkan terima kasih kepada Setiausaha Kehormat kerana pembentangan Laporan Tahunan dan menjemput ahli untuk mengemukakan komen atau soalan.



- 4.2.1 Ir. Kum Tham Weng (F01513) telah memberi komen tentang disiplin kejuruteraan – Awam dan Struktur pada muka surat 80. Beliau bertanya mengenai kelayakan yang diperlukan untuk diletakkan di bawah disiplin tersebut. Ir. Yim Hon Wa (F08247) memberitahu bahawa kategori disiplin ini memang sudah lama sedia ada dan bersetuju bahawa langkah-langkah akan diambil untuk melihat bagaimana penentuan aliran disiplin dibuat dengan lebih baik.

Ir. Kum Tham Weng seterusnya bertanya apakah seseorang di bawah disiplin tersebut boleh beramal dalam bidang kejuruteraan Awam atau Struktur atau kedua-duanya. Ir. Vincent Chen Kim Kieong (F05128) menjelaskan bahawa ketetapan disiplin adalah dilakukan oleh Lembaga Jurutera Malaysia (BEM) berdasarkan ijazah kejuruteraan. Adalah diambil maklum bahawa sekitar lima (5) hingga sepuluh (10) tahun yang lalu, terdapat ijazah kejuruteraan dalam Awam dan Struktur dan dengan demikian, BEM telah meletakkan graduan berkenaan dalam disiplin kejuruteraan Awam dan Struktur. Untuk mengelakkan kekeliruan, IEM ketika itu telah memutuskan untuk mengikut penetapan disiplin oleh BEM.

- 4.2.2 Ir. Yap Soon Hoe (F04086) mengulas mengenai sumbangan yang perlahan bagi pembayaran baki pinjaman sebanyak RM12,000,000, lebih lagi dengan pemilikan hartanah oleh cawangan-cawangan IEM. Beliau bertanya samada sewa dari Wisma IEM mampu menampung bayaran pinjaman dan keduanya memandangkan MIDA telah memberikan geran sebanyak RM1,000,000 untuk IEM untuk prasarana IT, maka adalah mungkin IEM memohon geran dari Kerajaan sebagai bantuan untuk menjelaskan pinjaman bank.

Ir. Tan Yean Chin (F11712) menjelaskan kepada MAT bahawa sewa tersebut mampu menampung pinjaman berkenaan. Beliau selanjutnya menjelaskan bahawa cawangan-cawangan lain mempunyai cara sendiri untuk menjelaskan pinjaman mereka. Memandangkan permohonan untuk tabung bangunan, Pasukan Petugas Kutipan Dana untuk Wisma IEM telah bekerja keras bagi mengumpul sumbangan samada dari syarikat swasta dan agensi kerajaan.

Ir. Yap Soon Hoe (F04046) juga bertanya apakah betul untuk membenarkan cawangan-cawangan memiliki bangunan sendiri. Ir. Tan Yean Chin (F11712) selanjutnya menjelaskan bahawa cawangan dibenarkan berbuat demikian, asalkan mereka aktif dan akan mampu menampung pinjaman. Juga, Ibu Pejabat IEM akan meneliti cadangan pemilikan sebelum membenarkan cawangan-cawangan membeli hartanah.

Dato' Yang Dipertua selanjutnya menjelaskan bahawa aktiviti di kebanyakan cawangan telah meningkat dengan peningkatan penyertaan ahli disebabkan oleh keperluan CPD. Hal ini telah menyebabkan kelebihan hasil pendapatan. Contoh yang disebut adalah Cawangan Perak yang mampu membuat bayaran awal sebanyak RM150,000 untuk membeli bangunan berharga RM300,000. Dato' Yang Dipertua menegaskan sekiranya Cawangan tidak membeli bangunan sendiri, mereka perlu juga menyewa dan membayar sewa. Dato' Yang Dipertua selanjutnya memberitahu MAT bahawa Majlis akan menyokong pemilikan hartanah selagi tiada komitmen kewangan daripada Ibu Pejabat.

Mengenai pinjaman RM12.5 juta, di mana IEM telah membayar lebih kurang RM3 juta, Dato' Yang Dipertua memberitahu bahawa Pasukan Petugas Kutipan Dana telah bekerja keras untuk mendapatkan derma serta membuat rayuan kepada Kerajaan untuk pengecualian cukai bagi penyumbang kepada Tabung Bangunan.

- 4.2.3 Ir. Yee Thien Seng (M03177) telah merujuk kepada muka surat 97 mengenai senarai Kertas Pendirian. Beliau perhatikan bahawa Kertas Pendirian mengenai "Policy Guidelines on Hillside Development" tidak disenaraikan. Sebagai Ketua Penulis Draf kepada Jawatankuasa Kertas Pendirian tersebut, beliau bertanya samada sebab Kertas Pendirian tersebut tidak disenaraikan adalah kerana perbezaan pendapat dengan bekas Yang Dipertua IEM.

Dato' Yang Dipertua menjelaskan bahawa senarai Kertas Pendirian berkenaan tidak dikemaskini dan menegaskan bahawa semua pandangan dari pelbagai pihak berkepentingan akan diambil kira walaupun terdapat perbezaan pendapat. Adalah dipersetujui bahawa di masa akan datang senarai Kertas Pendirian akan dikemaskini.

Dato' Yang Dipertua juga memberitahu MAT bahawa satu mesyuarat akan diadakan pada 3 Mei 2010 dengan Kementerian Perumahan dan Kerajaan Tempatan untuk membincangkan beberapa isu.

- 4.2.4 Ir. Soo Tian Tiong (M04575) memberi komen tentang perkara 7.0 pada muka surat 55 mengenai gelaran "Ir.". Adalah diperhatikan bahawa BEM telah menggunakan gelaran "Ir." tanpa "titik".

Dato' Yang Dipertua mengucapkan terima kasih kepada Ir. Soo Tian Tiong (M04575) kerana komen beliau dan bersetuju bahawa wakil IEM di Lembaga akan membangkitkan isu tersebut dalam mesyuarat Lembaga akan datang kerana beliau merasakan isu itu seharusnya ditangani oleh Lembaga kerana ia berkaitan dengan Akta Pendaftaran Jurutera.

Memandangkan tiada lagi komen atau soalan dari sidang mesyuarat, Ir. Yap Soon Hoe (F04086) mencadangkan bahawa Laporan Tahunan disahkan. Cadangan ini disokong oleh Ir. Yam Teong Sian (F05613) dan selanjutnya diterima oleh MAT.

5.0 AKAUN BAGI TAHUN BERAKHIR 31 DISEMBER 2009

- 5.1 Yang Dipertua selanjutnya menjemput Bendahari Kehormat Ir. Tan Yean Chin (F11712) untuk membentangkan Penyata Kewangan Institusi Jurutera Malaysia bagi tempoh 1 January 2009 sehingga 31 Disember 2009.



- 5.2 Ir. Tan Yean Chin (F11712) melaporkan bahawa bagi tahun 2009, jumlah pendapatan Institusi adalah RM4,179,495 yang menunjukkan peningkatan sebanyak RM309,160 berbanding tahun 2008. Ini disebabkan oleh peningkatan bayaran yuran tahunan (RM2,460,621) dan sewa yang dikumpul untuk Wisma IEM (RM1,232,958). Penyumbang lain untuk pendapatan tersebut adalah seperti berikut:-

| | |
|--|------------------|
| <i>Pendapatan Bahagian Teknikal</i> | <i>RM111,815</i> |
| <i>Komisen Kredit Kad</i> | <i>RM102,221</i> |
| <i>Pendapatan Perkhidmatan Sekretariat</i> | <i>RM59,978</i> |

- 5.3 MAT mencatatkan bahawa sejumlah sumber pendapatan telah menunjukkan peningkatan dengan yuran tahunan sebanyak 10%, pendapatan sewa meningkat sebanyak 21% dan komisen kad kredit meningkat sebanyak 13%. Walaubagaimanapun dilaporkan bahawa terdapat penurunan sebanyak 52% dari faedah simpanan tetap disebabkan oleh penstrukturan semula Pinjaman Jangka serta defisit dalam Perkhidmatan Institusi.

- 5.4 Jumlah perbelanjaan untuk 2009 adalah RM4,287,341. Adalah diperhatikan bahawa jumlah terbesar perbelanjaan adalah Emolumen Pekerja sebanyak 38%, sementara 16.6% adalah Perbelanjaan Pentadbiran.

Bakinya adalah untuk perkara yang lebih kecil seperti faedah pinjaman (14%), penyusutan nilai (9.6%), subsidi untuk cawangan (6.2%), yuran tahunan yang dilupuskan (5.6%), Bangunan Ingenieur (4.0%), Wisma IEM (2.5%) dan aktiviti antara persatuan (0.3%).

- 5.5 Ir. Tan Yean Chin (F11712) selanjutnya melaporkan bahawa prestasi keseluruhan untuk tahun 2009 adalah defisit sebanyak RM66,492 berbanding dengan defisit bersih RM227,472 pada tahun 2008.

- 5.6 Dato' Yang Dipertua kemudian menjemput pertanyaan daripada sidang mesyuarat.

Sementara menunggu ahli untuk mengemukakan soalan kepada Bendahari Kehormat, Dato' Yang Dipertua merayu kepada ahli untuk menyokong kad kredit IEM, insurans kereta dan kenderaan bermotor, insurans perjalanan dan insurans gantirugi profesional.

Ir. Choo Kok Beng (F02828) juga memberitahu MAT bahawa perbincangan sedang dilaksanakan mengenai penukaran pembekal perkhidmatan kad kredit sediaada daripada Direct Access ke Alliance Bank kerana perbezaan komisen yang dibayar kepada IEM.

Ir. Leow Kay Pin (M02859) mengulas bahawa ahli harus diberi pilihan untuk beralih ke bank yang baru. Beliau menyarankan agar ahli sekarang menggunakan kad kredit Direct Access manakala ahli baru boleh memilih menggunakan kredit kad Bank Alliance. Namun, Dato' Yang Dipertua menjelaskan lagi bahawa terdapat klausa eksklusiviti dalam kontrak sediaada dengan Direct Access dan IEM sedang berunding untuk mengeluarkan klausa tersebut.

- 5.6.1 Ir. David Lai Kong Phooi (F09917) bertanya tentang kedudukan harta cawangan dalam akaun IEM memandangkan akaun cawangan tidak digabung ke dalam akaun utama sedangkan semua harta cawangan dibeli di bawah nama Institusi Jurutera Malaysia.

Dato' Yang Dipertua memberitahu MAT bahawa akaun cawangan tersebut tidak digabungkan dengan akaun Ibu Pejabat memandangkan cawangan perlu memfailkan akaun secara berasingan kepada Lembaga Hasil Negeri.

Ir. Lee Weng Onn (F08103) seterusnya menjelaskan bahawa IEM menyediakan subsidi untuk cawangan-cawangan yang dikira sebagai perbelanjaan Ibu Pejabat. Hartanah yang diperolehi oleh cawangan adalah di atas nama Institusi dan bagi hartanah berkenaan, perbelanjaan dan pendapatan adalah digabungkan dengan akaun utama.

Ir. David Lai Kong Phooi (F09917) masih meragui prosedur berkaitan dan menegaskan bagaimana mungkin penyelarasan akaun berlaku sedangkan cawangan-cawangan tidak mampu menyediakan akaun pada waktunya. Selain itu, beliau mempersoalkan jika harta pemilikan itu dimasukkan ke dalam akaun utama, bagaimana dengan liabiliti pinjaman bank. Beliau mengulas bahawa keadaan adalah lebih jelas jika cawangan-cawangan yang memiliki harta mereka sendiri.

Ir. Lee Weng Onn (F08103) selanjutnya menjelaskan bahawa Perlembagaan dan Undang-Undang Kecil IEM tidak membenarkan cawangan memiliki harta mereka sendiri. Dari segi perakaunan, harta yang dibeli oleh cawangan akan dikira sebagai perbelanjaan di dalam akaun utama IEM. Beliau seterusnya menjelaskan bahawa sebarang derma oleh cawangan-cawangan untuk hartanah akan dianggap sebagai modal simpanan dalam akaun utama dan pemilikan hartanah akan diselaraskan dalam akaun utama IEM.

- 5.6.2 Ir. Yap Soon Hoe (F04086) memberi komen tentang kos emolumen pekerja yang menyumbang sebanyak 38% daripada jumlah perbelanjaan dan samada ianya sama dengan industri berkaitan dan nisbahnya dengan yuran tahunan ahli mengikut norma industri dan samada perbandingan telah dibuat dengan pasaran. Beliau merasakan perbelanjaan itu terlalu tinggi dan menyarankan agar IEM mendapatkan perkhidmatan secara outsource kerana ianya lebih murah.

Ir. Tan Yean Chin (F11712) menjelaskan bahawa seseorang harus melihat kepentingan keahlian, tambahnya walaupun perbelanjaan IEM menjadi lebih murah dengan cara outsource, namun ia akan menjadi beban kepada ahli. Beliau memberi contoh institusi antarabangsa lain yang menjalankan kegiatan mereka secara outsource kepada organisasi yang membuat keuntungan dengan membebaskan ahli dan beliau merasakan ini tidak harus berlaku pada IEM.



Ir. Yap Soon Hoe (F04086) selanjutnya mencadangkan agar arastanda dilakukan dengan institusi lain dalam hal ini. Dato' Yang Dipertua menyatakan bahawa IEM adalah merupakan salah satu institusi profesional terbesar dan kegiatan yang dijalankan oleh IEM mungkin tidak sama dengan institusi lain yang lebih kecil. Dato' Yang Dipertua memberi jaminan bahawa kajian arastanda akan dilakukan dan hasilnya akan dilaporkan dalam MAT akan datang.

Ir. Lee Weng Onn (F08103) pula menambah bahawa IEM sememangnya telah menandaaras terhadap institusi-institusi lain lain. Selain itu, beliau juga menyatakan bahawa Majlis, Jawatankuasa Eksekutif dan Jawatankuasa lain Institusi berkhidmat secara sukarela dan perbelanjaan lain adalah kecil. Keadaan ini secara tidak langsung menjadikan emolumen sebagai perbelanjaan yang sangat besar. Beliau juga menyebut beberapa contoh mengenai syarikat-syarikat swasta yang mengenakan bayaran tinggi (RM1000) untuk program satu hari sedangkan IEM hanya mengenakan kira-kira 1/3 atau setengah daripada kos tersebut.

5.6.3 Ir. Awangku Hidup Awangku Hosain (M03053) yang juga merupakan Juruaudit Dalam mendapati bahawa pendapatan dari seminar dan persidangan bagi sepanjang tahun 2009 kurang memuaskan berbanding dengan tahun sebelumnya. Beliau menyarankan agar IEM mengatur lebih banyak kegiatan pada tahun 2010 dan harus menetapkan sasaran untuk mencapainya. Dato' Yang Dipertua mengucapkan terima kasih kepada Ir. Awangku Hidup (M03053) kerana memberi komen dan bersetuju bahawa lebih banyak aktiviti harus dianjurkan oleh Bahagian Teknikal serta Pusat Latihan IEM. Sehubungan ini, Dato' Yang Dipertua merayu kepada ahli-ahli untuk membeli lebih banyak meja untuk jamuan Majlis Makan Malam Tahunan kerana belum terlambat.

5.6.4 Ir. Kum Tham Weng (F01513) mengulas bahawa laporan Juruaudit Dalam harus lebih menyeluruh dan tidak hanya dengan dua (2) ayat sahaja. Beliau menyarankan agar laporan Juruaudit Dalam harus lebih panjang dengan lebih komen di masa hadapan. Dato' Yang Dipertua menjawab bahawa IEM akan mengambil perhatian tentang perkara tersebut.

5.6.5 Ir. Hoo Hok Kim (M01212) mengulas bahawa pendapatan kad kredit agak besar dengan jumlah RM102,000. Beliau bertanya mengenai pendapatan yang diperolehi daripada skim insurans.

Dato' Yang Dipertua menyatakan bahawa skim insurans telah disubkontrak kepada Pusat Latihan IEM dengan harapan bahawa mereka boleh mengendalikannya dengan lebih efektif untuk menghasilkan lebih banyak pendapatan untuk IEM, agar pinjaman bangunan boleh di langsaikan dengan segera.

YBhg Datuk Ir. Rosaline Ganendra (F06033) selanjutnya menjelaskan bahawa sekitar RM40,000 telah diterima daripada Insurans Gantirugi Profesional manakala insurans kenderaan bermotor sekitar RM10,000 (10%). Adalah diperhatikan bahawa Insurans Gantigugi Profesional (PI) menguasai sekitar 30% pasaran. Ahli-ahli digalakkan untuk mengambil Insurans PI yang ditawarkan oleh IEM kerana perlindungannya adalah lebih baik berbanding dengan syarikat insurans yang lain.

MAT telah dimaklumkan bahawa ada rancangan untuk mengadakan polisi PI insurans lain bagi syarikat-syarikat perunding kecil pada tahun depan memandangkan PI insurans sekarang lebih sesuai untuk organisasi yang besar. MAT seterusnya dimaklumkan bahawa Jawatankuasa Tetap Kebajikan dan Hal Ehwal Perkhidmatan juga akan meninjau Insurans Kesihatan Berkumpulan.

5.6.6 Ir. David Lai Kong Phooi (F09917) memberi komen tentang laporan kewangan Pusat Latihan IEM yang menunjukkan keuntungan RM278,769.48 daripada pendapatan sebanyak RM1.3million iaitu sebanyak 20% dari pendapatan. Beliau bertanya samada Pusat Latihan IEM akan berprestasi lebih baik tahun hadapan kerana beliau merasakan 20% dari pendapatan adalah sangat kecil.

Ir. Yim Hon Wa (F08247) memberitahu bahawa Pusat Latihan IEM akan cuba melakukan yang lebih baik setiap tahun seperti juga dicadangkan oleh Jawatankuasa Eksekutif agar Pusat Latihan IEM menganjurkan lebih banyak kursus. Beliau merasakan adalah tidak wajar mengenakan yuran yang lebih tinggi kepada ahli memandangkan keadaan pasaran semasa.

Dicadangkan oleh Ir. David Lai Kong Phooi (F09917) dan disokong oleh Ir. Dr Muhamad Fuad Abdullah (F07442), Laporan Kewangan disahkan oleh MAT.

5.7 Dato' Yang Dipertua seterusnya menjemput Bendahari Kehormat, Ir. Tan Yean Chin (F11712) untuk membentangkan Akaun Tabung Pendidikan seperti ternyata dari muka surat 150 ke 156.

Ir. Tan Yean Chin melaporkan bahawa sumbangan yang diterima berjumlah RM45,429 pada tahun 2009 berbanding dengan RM319,985 pada tahun 2008. Penurunan tersebut disebabkan oleh sumbangan RM300,000 dari Malakoff Corporation pada tahun 2008. Tanpa mengira jumlah tersebut, sumbangan biasa dari ahli-ahli meningkat dari RM19,985 pada tahun 2008 ke RM45,429 pada tahun 2009.

Bagi perbelanjaan, terdapat pertambahan penajaan berjumlah RM102,255 pada tahun 2009 berbanding dengan RM1,500 pada tahun 2008.

Prestasi keseluruhan menunjukkan defisit RM60,377 dan ianya adalah selaras dengan peraturan Lembaga Hasil Dalam Negeri yang mengkehendakkan perbelanjaan sekurang-kurangnya 50% dari sumbangan yang diterima pada tahun sebelumnya untuk memenuhi syarat penerusan status pengecualian cukai Tabung Pendidikan. Bendahari Kehormat menjelaskan bahawa Tabung Pendidikan seharusnya menunjukkan defisit bagi memenuhi peraturan Lembaga Hasil Dalam Negeri.



Ir. Segera Peng Soong (M06460) mencadangkan bahawa akaun Tabung Pendidikan disahkan. Cadangan ini disokong oleh Ir. Leow Kay Pin (M07826). MAT dengan sebulat suara mengesahkan akaun seperti yang dibentangkan.

6.0 PENGUMUMAN KEPUTUSAN PEMILIHAN BAGI MAJLIS SESI 2010/2011

Dato' Yang Dipertua seterusnya menjemput Pegawai Pemilihan, Y.Bhg Dato' Pang Leong Hoon (HF00015) untuk mengumumkan keputusan Pemilihan bagi sesi 2010/2011.

Y.Bhg Dato Pang Leong Hoon (HF00015) memaklumkan MAT bahawa Majlis telah memilih semula YBhg Dato' Ir. Prof. Dr Chuah Hean Teik (F09157) sebagai Yang Dipertua dan Ir. Vincent Chen Kim Kieong (F05128) sebagai Timbalan Yang Dipertua untuk satu sesi lagi. Pegawai Pemilihan kemudian meneruskan dengan pembentangan keputusan pemilihan.

6.1 Naib-Naib Yang Dipertua (3 Kekosongan bagi 2 Sesi 2010/2011 dan 2011/2012)

MAT diberitahu bahawa lebih dari 8,734 kertas undi telah dihantar kepada Ahli Korporat untuk kekosongan jawatan yang lain. Dari jumlah keseluruhan, hanya 1,869 (21%) kertas undi telah diterima. Telah diambil perhatian bahawa untuk jawatan Naib Yang Dipertua, terdapat sepuluh (10) calon untuk dua sesi. Para calon yang berjaya ialah: -

1. Ir. Prof Dr Ruslan Hassan (F03541)
2. YBhg. Dato' Ir. Hj. Abdul Rashid bin Maidin (F05131)
3. Ir. Choo Kok Beng (F02828)

6.3 Setiausaha Kehormat (1 kekosongan untuk sesi 2010/2011)

Terdapat dua (2) calon dan calon yang berjaya adalah Ir. Prof Dr Lee Teang Shui (F03848)

6.4 Bendahari Kehormat (1 kekosongan untuk Sesi 2010/2011)

Terdapat satu (1) pencalonan dan Ir. Prof Madya Dr Jeffrey Chiang Choong Luin (M20286) menang tanpa bertanding untuk satu sesi.

6.5 Ahli Majlis – Wakil Disiplin-Disiplin Lain (1 kekosongan untuk sesi 2010/2011, 2011/2012 dan 2012/2013)

YBhg. Dato' Ir. Pang Leong Hoon (HF00015) memberitahu MAT bahawa tidak ada pencalonan untuk jawatan ini. Namun, Majlis telah menerima syor Jawatan Kuasa Eksekutif bagi Ir. Prof Madya Dr Cheong Kuan Yew (M18543) dicalonkan untuk mengisi jawatan Ahli Majlis - Wakil Disiplin-Disiplin Lain.

6.6 Ahli Majlis – Wakil Biasa (10 kekosongan untuk Sesi 2010/2011, 2011/2012 dan 2012/2013)

YBhg. Dato' Ir. Pang Leong Hoon (HF00015) seterusnya melaporkan bahawa 12 pencalonan telah diterima untuk sepuluh (10) kekosongan. Sepuluh (10) calon yang berikut yang mendapat undi tertinggi telah dipilih sebagai Ahli Majlis - Wakil Biasa selama tiga (3) sesi 2010/2011, 2011/2012 dan 2012/2013.

1. Ir. Assoc Prof Dr Marlinda bt Abd. Malek (M23236)
2. Dato' Ir. Lim Chow Hock (F02531)
3. Ir. Lai Kong Phooi, David (F09917)
4. Dato' Ir. Chee Shi Tong, John (F16035)
5. Ir. Gopal Narian Kutty (F11291)
6. Ir. Tan Yean Chin (F11712)
7. Dato' Ir. First Admiral (R) Hj. Ahmad Murad bin Omar (F04741)
8. Ir. Ng Shiu Yuen, David (F15247)
9. Ir. Kim Kek Siong (M18825)
10. Ir. Chong Chew Fan (M25416)

6.7 Keseluruhan proses ini mengambil masa sekitar tiga (3) bulan dan jumlah perbelanjaan adalah sebanyak RM14, 903.90.

6.8 YBhg. Dato' Ir. Pang Leong Hoon (HF00015) kemudian mengucapkan terima kasih kepada Para Peneliti, Ir. Prof Ishak Abdul Rahman (F02106), Ir. S. Kukanesan (F02461) dan Ir. K. Gunasagan (M08216) atas sokongan mereka dan juga mengucapkan terima kasih kepada Sekretariat kerana kerjasama penuh daripada mereka. Beliau juga mengucapkan terima kasih kepada Majlis di atas pelantikan beliau sebagai Pegawai Pemilihan.

6.9 Statistik kertas undi yang dikembalikan iaitu sekitar 20% untuk tahun ini telah dibentangkan kepada MAT. YBhg. Dato' Ir. Pang Leong Hoon (HF00015) kemudian mempamerkan kepada MAT contoh kertas undi yang rosak atau undi yang ditolak. Beliau juga memberitahu MAT bahawa terdapat juga cek dan risalah tentang makanan pencuci mulut yang dikembalikan bersama kertas undi.



Dato' Yang Dipertua kemudian mengucapkan terima kasih YBhg. Dato' Ir. Pang Leong Hoon (HF00015) di atas pembentangannya dan mengucapkan tahniah kepada pemegang jawatan yang baru dipilih.

7.0 BEKAS YANG DIPERTUA BERKHIDMAT DALAM MAJLIS

7.1 Dato' Pengerusi memberitahu MAT bahawa Majlis telah membuat jemputan kepada Bekas-Bekas Yang Dipertua untuk berkhidmat dalam Majlis dan mereka yang menerima jemputan tersebut adalah seperti berikut

1. Y. Bhg. Dato' Ir. Pang Leong Hoon (HF00015)
2. Y. Bhg. Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin (F01019)
3. Ir. PE Chong (F01214)
4. Ir. Dr Gue See Sew (F03975)
5. Y. Bhg. Datuk Ir. Prof Dr Ow Chee Sheng (F05738)

8.0 PENYERAHAN CEBDERAHATI KEPADA AHLI MAJLIS YANG BERSARA

8.1 Dato' Yang Dipertua mengucapkan terima kasih kepada Ahli-Ahli Majlis yang bersara daripada jawatan untuk sesi 2009/2010 dan menjemput mereka untuk menerima cenderahati tanda penghargaan. Setiausaha Kehormat Ir Prof Madya Dr Jeffrey Chiang Choong (M20286) Luin telah membacakan nama-nama Ahli yang akan bersara dan Yang Dipertua telah menyampaikan cenderahati kepada mereka.

9.0 ANUGERAH KHIDMAT LAMA KEPADA STAF

9.1 Dato' Yang Dipertua telah menyampaikan Anugerah Khidmat Lama kepada staf Sekretriari yang telah berkhidmat selama 10 tahun di IEM.

*Janet Lim Kwai Cheng
Sarita Kaur
Norimah bt Md. Hashim
Nurul Aida bt Mustafa*

Staf berikut juga telah menerima Anugerah Khidmat Lama kerana telah berkhidmat selama dua puluh lima (25) tahun.

*Jamaliah bt Zainudin
Tirimurugan a/l Odayan*

Staf tersebut telah menerima cek dan sijil penghargaan

10.0 PERTUKARAN PEMEGANG JAWATAN

10.1 Dato' Yang Dipertua kemudian mengucapkan terima kasih kepada Ahli-Ahli Majlis yang bersara di atas sokongan yang diberikan kepada beliau dalam sesi yang lalu. Ahli-Ahli Majlis yang akan bersara turun untuk memberi laluan kepada Ahli-Ahli Majlis yang baru terpilih untuk duduk di podium. Ahli-Ahli yang masih berkhidmat untuk sesi seterusnya diminta duduk di tempat masing-masing.

11.0 PEMILIHAN JURUAUDIT DALAM KEHORMAT

11.1 Dato' Yang Dipertua seterusnya meminta pencalonan untuk jawatan Juruaudit Dalam Kehormat. MAT sebulat suara memilih ahli-ahli berikut untuk mengisi jawatan tersebut bagi Sesi 2010/2011.

Member

*Ir. Tham Kum Weng (F01513)
Ir. Awangku Hidup Awangku Hosain (M03053)*

Proposer

*Ir. Oon Chee Kheng (F08530)
Ir. Yusouf Ahmad (F05627)*

Seconder

*Ir. Leow Kay Pin (M07826)
Ir. Richard Wong Chuen Fun (M07180)*

Memandangkan tiada bantahan, pencalonan telah dicadangkan ditutup oleh YBhg. Akademician Dato' Ir. Lee Yee Cheong (D00220). MAT kemudiannya menerima pelantikan Ir. Tham Kum Weng (F01513) dan Ir. Awangku Hidup Awangku Hosain (M03053) sebagai Juruaudit Dalam Kehormat.

12.0 PELANTIKAN JURUAUDIT LUAR

12.1 Dato' Yang Dipertua memaklumkan kepada MAT bahawa Majlis telah mengesyorkan pelantikan semula Tetuan KPMG (Chartered Accountants) sebagai Juruaudit Luar. Adalah diambil maklum bahawa Anthony Skelchy & Co kekal sebagai Akauntan, dan Tetuan PKF Tax Consultant sebagai Perunding Cukai untuk sesi 2010/2011. MAT dengan suara bulat menyokong pengesyoran Majlis dan mengesahkan pelantikan semula Tetuan KPMG sebagai Juruaudit Luar.



13.0 HAL-HAL LAIN

13.1 Gelaran "Ir."

MAT diberitahu bahawa IEM telah menerima sepucuk surat mengenai isu gelaran "Ir.". Adalah diambil maklum bahawa surat menyurat daripada BEM telah menggunakan gelaran "Ir" tanpa "titik". Dato' Yang Dipertua memberitahu MAT bahawa isu ini adalah berkaitan dengan BEM dan telah dipersetujui bahawa lima (5) orang wakil dalam Lembaga akan membangkitkan isu ini dalam mesyuarat Lembaga akan datang.

Ir. Vivekananda Murugesu (G05808) mengulas bahawa menurut Kamus Oxford, gelaran atau singkatan untuk "Mr" dan "Dr" tidak memiliki "titik". Oleh itu beliau merasakan "Ir." perlu konsisten dengan penggunaan Bahasa Inggeris yang tepat di mana ianya tiada "titik". Dato' Yang Dipertua menegaskan sekali lagi bahawa isu ini adalah berkaitan dengan Akta Pendaftaran Jurutera dan terpulangnya kepada Lembaga untuk memutuskan samada akan menggugurkan "titik" dalam gelaran "Ir."

Ir. Soo Tian Tiong (M04575) menyuarakan bahawa masalah ini tidak boleh dianggap remeh. Dato' Yang Dipertua memberi jaminan bahawa perkara ini dipanjangkan kepada Lembaga untuk perbincangan lanjut.

13.2 Anugerah Khidmat Lama Staf

Dato' Yang Dipertua memaklumkan bahawa Anugerah ini diberikan setelah genap tahun perkhidmatan staf bermula dari 10, 15, 25, 30, 35 tahun dll.

14.0 UCAPAN YANG DIPERTUA 2010/2011

14.1 Dato' Yang Dipertua seterusnya dijemput untuk menyampaikan Ucapan Yang Dipertua berjudul "*Kejuruteraan Mobiliti, Globalisasi dan Teknologi Hijau bagi Masa Depan yang Mampan.*"

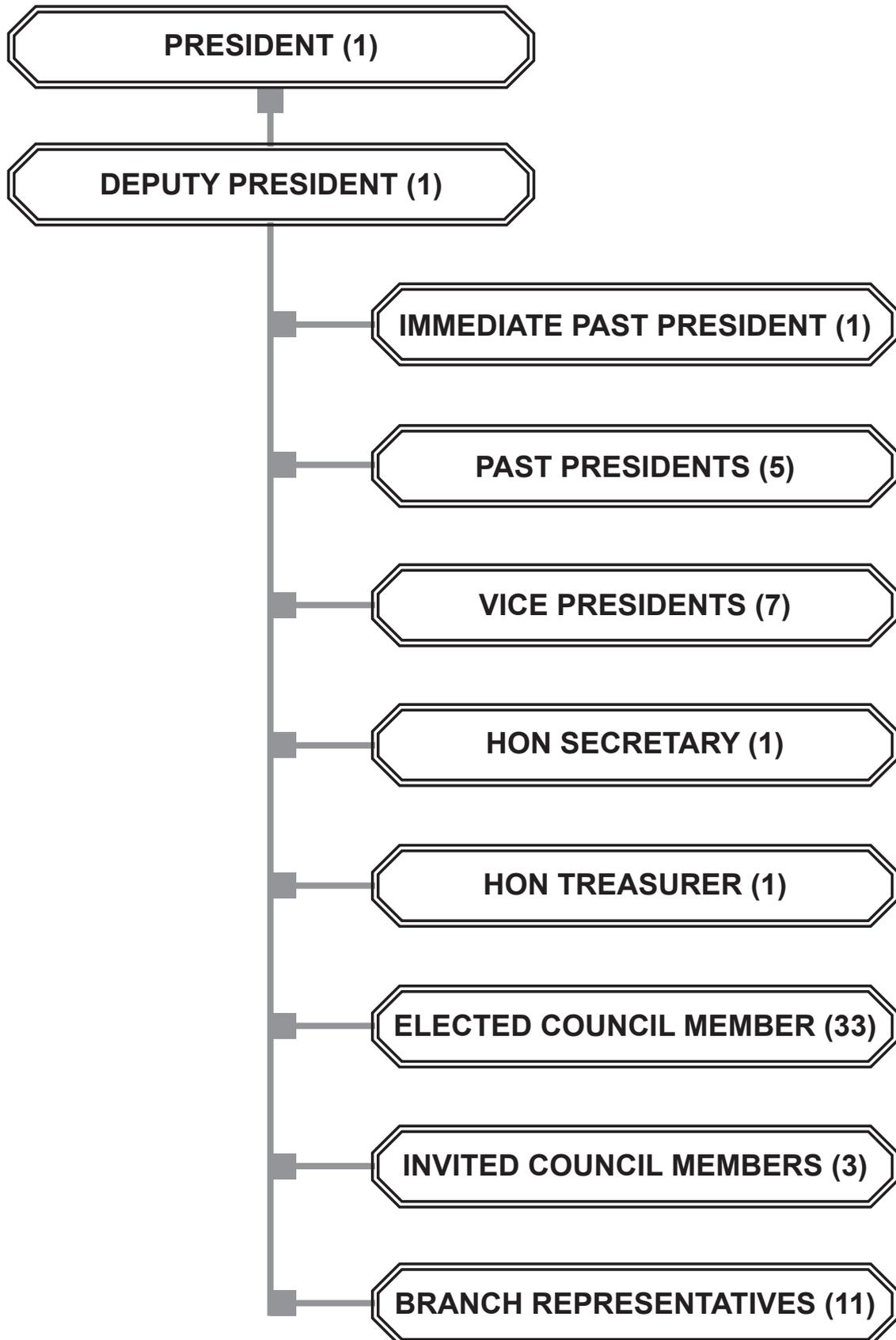
Setiausaha Kehormat yang baru, Ir. Prof Dr Lee Teang Shui (F03848) mengucapkan terima kasih kepada Dato' Yang Dipertua kerana menyampaikan Ucapan Yang Dipertua dan juga kerana sumbangannya kepada persaudaraan kejuruteraan. Beliau menyatakan bahawa lebih banyak aktiviti harus dianjurkan dan ahli-ahli perlu memberikan sumbangan perkhidmatan mereka kepada Institusi. Dia juga mengulas bahawa harus ada artikel tentang Accord Washington dan ASEAN Engineers Register di buletin untuk memberi kesedaran kepada ahli tentang badan-badan tersebut.

15.0 PENANGGUHAN MESYUARAT AGUNG TAHUNAN KE-51 TAHUN 2010

15.1 Dato' Yang Dipertua mengishtiharkan penangguhan MAT Ke-51 pada jam 11.45 pagi. Dato' Yang Dipertua mengingatkan semua ahli bahawa Majlis Makan Malam Tahunan akan diadakan di Grand Ballroom, Sime Darby Convention Centre, Bukit Kiara.

YBhg. Dato' Ir. Prof. Dr Chuah Hean Teik
Yang Di Pertua

Ir. Prof Dr Lee Teang Shui
Setiausaha Kehormat

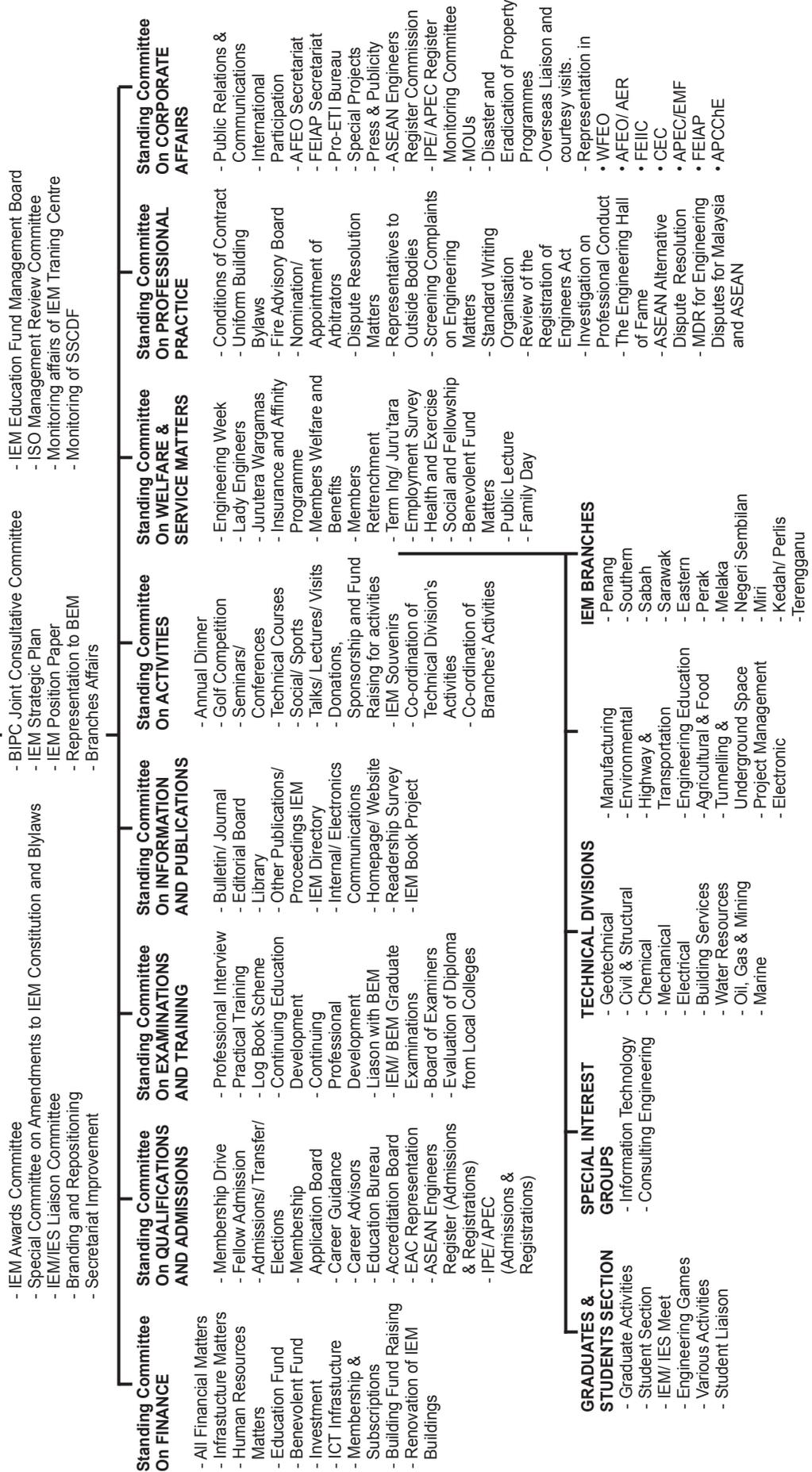




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THE COUNCIL

THE EXECUTIVE COMMITTEE





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URUSETIA IEM

IEM SECRETARIAT



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Not in Picture

Puan Jamaliah binti Zainudin, Mdm. Malathy a/p Ramasandaran, Puan Ruhaida binti Daud, En. Yunordin bin Morere



GAMBAR AKTIVITI 2010/2011

SNAPSHOTS OF ACTIVITIES HELD IN SESSION 2010/2011





GAMBAR AKTIVITI 2010/2011

SNAPSHOTS OF ACTIVITIES HELD IN SESSION 2010/2011





1 INTRODUCTION

1.1 I am pleased to present to you the 52nd Annual Report for session 2010/2011 covering the period 18 April 2010 until 31 March 2011.

2 MEMBERSHIP

2.1 The membership of the Institution now stands at 23,309.

Comparative figures of the last five years are as follows:

| Grade | 2007 | 2008 | 2009 | 2010 | 2011 |
|-------------------|---------------|---------------|---------------|---------------|---------------|
| Dist. Hon. Fellow | 1 | 1 | 1 | 1 | 2 |
| Hon. Fellow | 14 | 14 | 18 | 17 | 16 |
| Hon. Member | 0 | 0 | 1 | 0 | 0 |
| Fellow | 699 | 702 | 706 | 709 | 721 |
| Member | 7,503 | 7,732 | 8,199 | 8,484 | 8721 |
| Graduate | 5,281 | 5,849 | 6,178 | 6,857 | 7294 |
| Incorporated | 8 | 9 | 16 | 22 | 31 |
| Affiliate | 18 | 16 | 15 | 16 | 18 |
| Associate | 9 | 9 | 13 | 16 | 17 |
| Student | 1,553 | 2,457 | 6,476 | 6,852 | 6489 |
| Total | 15,086 | 16,789 | 21,623 | 22,974 | 23,309 |

2.2 Breakdown by discipline is as follows :

| Discipline | D. Hon. Fellow | Hon. Fellow | Hon. Member | Fellow | Member | Graduate | Incorporated | Affiliate | Associate | Student | Total |
|--------------------|----------------|-------------|-------------|--------|--------|----------|--------------|-----------|-----------|---------|-------|
| AERONAUTICAL | 0 | 1 | 0 | 1 | 11 | 16 | 0 | 0 | 0 | 11 | 40 |
| BUILDING | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 4 |
| CIVIL | 0 | 3 | 0 | 420 | 4890 | 3292 | 12 | 5 | 6 | 1809 | 10437 |
| ELECTRICAL | 1 | 4 | 0 | 140 | 1666 | 1086 | 1 | 1 | 2 | 595 | 3496 |
| ELECTRONIC | 0 | 0 | 0 | 5 | 141 | 552 | 5 | 0 | 4 | 667 | 1374 |
| FUEL | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| HIGHWAY | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| ELECTROMECHANICAL | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| PRODUCTION | 0 | 0 | 0 | 1 | 8 | 8 | 0 | 0 | 0 | 0 | 17 |
| MECHANICAL | 0 | 1 | 0 | 116 | 1574 | 1566 | 13 | 5 | 4 | 2120 | 5399 |
| MARINE | 0 | 0 | 0 | 0 | 16 | 9 | 0 | 0 | 0 | 5 | 30 |
| NAVAL ARCHITECTURE | 0 | 0 | 0 | 0 | 13 | 3 | 0 | 0 | 0 | 0 | 16 |
| MINING | 0 | 0 | 0 | 5 | 27 | 5 | 0 | 0 | 0 | 0 | 37 |
| PETROLEUM | 0 | 0 | 0 | 0 | 5 | 10 | 0 | 0 | 0 | 5 | 20 |
| INDUSTRIAL | 0 | 0 | 0 | 0 | 3 | 17 | 0 | 0 | 0 | 8 | 28 |



| | | | | | | | | | | | |
|---------------------------|---|---|---|----|-----|-----|---|---|---|-----|------|
| ENVIRONMENTAL | 0 | 0 | 0 | 0 | 4 | 17 | 0 | 1 | 0 | 70 | 92 |
| STRUCTURAL | 0 | 0 | 0 | 3 | 36 | 14 | 0 | 0 | 0 | 1 | 54 |
| ARCHITECTURAL | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 3 |
| METALLURGY | 0 | 0 | 0 | 1 | 6 | 1 | 0 | 0 | 0 | 0 | 8 |
| CHEMICAL | 0 | 0 | 0 | 17 | 214 | 426 | 0 | 0 | 0 | 563 | 1220 |
| AGRICULTURAL | 0 | 0 | 0 | 5 | 27 | 39 | 0 | 0 | 0 | 11 | 82 |
| MINERAL PROCESSING | 0 | 0 | 0 | 0 | 1 | 6 | 0 | 0 | 0 | 0 | 7 |
| GEOLOGICAL | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 4 |
| COMPUTER | 0 | 0 | 0 | 0 | 3 | 24 | 0 | 0 | 0 | 44 | 71 |
| MATERIALS | 0 | 0 | 0 | 1 | 6 | 24 | 0 | 1 | 0 | 126 | 158 |
| INSTRUMENTATION & CONTROL | 0 | 0 | 0 | 0 | 13 | 5 | 0 | 0 | 0 | 4 | 22 |
| ELECTRICAL & ELECTRONIC | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 51 | 52 |
| CIVIL & STRUCTURAL | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 2 |
| MUNICIPAL | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| ELECTRONIC & RADIO | 0 | 0 | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 6 |
| BIOCHEMICAL | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 7 | 10 |
| BUILDING SERVICES | 0 | 0 | 0 | 0 | 5 | 1 | 0 | 0 | 1 | 0 | 7 |
| INSTRUMENTATION & SYSTEMS | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| MINING & METALLURGY | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| NUCLEAR | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 3 |
| WATER RESOURCES | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 3 |
| ENERGY | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 3 |
| MANUFACTURING | 0 | 0 | 0 | 0 | 9 | 47 | 0 | 0 | 0 | 93 | 149 |
| AEROSPACE | 0 | 0 | 0 | 0 | 3 | 15 | 0 | 0 | 0 | 37 | 55 |
| COMMUNICATION | 0 | 0 | 0 | 1 | 4 | 9 | 0 | 0 | 0 | 6 | 20 |
| CONSTRUCTION | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| GEO TECHNICAL | 0 | 0 | 0 | 1 | 1 | 3 | 0 | 1 | 0 | 0 | 6 |
| THERMAL | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| MANUFACTURING SYSTEMS | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| COMPUTER SYSTEMS | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 3 |
| FOOD & PROCESS | 0 | 0 | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 7 | 13 |
| COMPUTER & COMMUNICATION | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 1 | 9 |
| BIO-MEDICAL | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 14 | 19 |
| CAD/CAM | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 4 |



| | | | | | | | | | | | |
|------------------------|----------|-----------|----------|------------|-------------|-------------|-----------|-----------|-----------|-------------|--------------|
| TELECOMMUNICATION | 0 | 0 | 0 | 0 | 5 | 4 | 0 | 0 | 0 | 7 | 16 |
| MECHATRONICS | 0 | 0 | 0 | 0 | 1 | 41 | 0 | 0 | 0 | 143 | 185 |
| MINERAL RESOURCES | 0 | 0 | 0 | 0 | 1 | 8 | 0 | 0 | 0 | 8 | 17 |
| POLYMER | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 37 | 39 |
| AUTOMOTICE | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 4 |
| INFORMATION TECHNOLOGY | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| BIOTECHNOLOGY | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 7 | 8 |
| MINERAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 25 |
| MICROELECTRONIC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| HIGHWAY & TRANSPORT | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| OTHERS | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 11 |
| Total | 2 | 16 | 0 | 721 | 8721 | 7294 | 31 | 18 | 17 | 6489 | 23309 |

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

| Grade | Deceased | Resigned |
|--------------|-----------|-----------|
| Hon Fellow | 0 | 0 |
| Hon Member | 0 | 0 |
| Fellow | 3 | 0 |
| Member | 10 | 24 |
| Graduate | 0 | 36 |
| Associate | 0 | 1 |
| Student | 0 | 15 |
| Total | 13 | 76 |

2.4 A total number of 9,909 members were in arrears of subscription for the year 2010. Of these members, 7171 were student members of the Institution. The total arrears in subscription for this year alone was recorded at RM593,862.50. The Council would have to look into deleting these names from the membership register if the arrears were not settled by mid 2011.

2.5 For the session, a total of 224 members were reinstated. The details are as follows:

| | |
|----------|-------|
| Fellow | - 1 |
| Member | - 96 |
| Graduate | - 125 |
| Student | - 2 |

3 THE COUNCIL AND THE EXECUTIVE COMMITTEE

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

3.2 I would like to record my sincere thanks to all members of the IEM Council, Executive Committee, Standing Committees, Sub Committees, Technical Divisions, Special Interest Groups, AdHoc and Special Committees for their valued contributions to the Institution.

4. STANDING COMMITTEE ON FINANCE

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



4.2 Annual Subscription

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

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

Many members had been conscientiously paying their subscriptions promptly enabling IEM to maintain 81% collection for the year 2009. IEM wished to take this opportunity to thank all members who had promptly settled their subscriptions for 2009 and 2010.

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

4.3 Administrative Expenses

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

This had resulted in the operating expenses (not inclusive of the financing expenses of Wisma IEM) being controlled at 82% of the income – compared to 87% in 2008.

4.4 ISO 9001:2002

The ISO Surveillance Audit by SIRIM QAS was carried out in March 2009 and re-certification was granted. Internal Audits were continuously conducted to ensure that the staff performed their duties/works in compliance to the procedures.

4.5 Bangunan Ingenieur

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

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

4.6 Wisma IEM

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

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

4.7 Task Force on Fund Raising for Wisma IEM

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

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

4.8 Sub Committee on Human Resources

This Sub Committee chaired by the Hon. Secretary, Ir. Prof Dr Lee Teang Shui continued to look into the recruitment and deployment of staff for the Secretariat. Meetings were held regularly to deal with matters relating to Human Resource of the Secretariat.

4.9 Sub Committee on IEM Infrastructure

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



5 STANDING COMMITTEE ON QUALIFICATIONS AND ADMISSIONS

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

5.2 Up to 31 December 2010, a total of 5379 candidates were approved for election, admission and transfer to the various grades as listed below:

| | 2008 | 2009 | 2010 |
|---|-------------|-------------|-------------|
| (a) Elected/Transferred to the Grade of Distinguished Hon. Fellow | - | - | - |
| (b) Elected to the Grade of Hon. Fellow | - | - | - |
| (c) Transferred to the Grade of Fellow | 9 | 6 | 9 |
| (d) Elected/Transferred to the Grade of Member | 511 | 607 | 517 |
| (e) Admitted/Transferred to the Grade of Graduate | 1005 | 1193 | 1357 |
| (f) Admitted/Transferred to the Grade of Incorporated Member | 6 | 5 | 13 |
| (g) Admitted to the Grade of Affiliate | 1 | - | - |
| (h) Admitted to the Grade of Associate | 7 | 4 | 1 |
| (i) Admitted to the Grade of Student | 4741 | 2766 | 3482 |
| Total | 6280 | 4581 | 5379 |

5.3 Membership Applications Board

This Membership Applications Board chaired by Ir. Lee Boon Chong, vetted and processed applications for the various grades of membership of the Institution before forwarding them to the Standing Committee for approval.

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

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

- 34 approved for ASEAN Engineers Register (AER)
- 53 approved for International Engineer Registers (APEC/EMF)
- 34 approved for ASEAN Engineers Register, Young Engineers (AERYE) rebranded as Associated ASEAN Engineers (AAE)

5.5 Sub Committee on Membership Drive and Career Guidance

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

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

The Sub Committee also conducted a "Membership Drive Workshop" on 17 July 2010 to discuss ways to increase membership. The Sub Committee also looked into standardising the presentation materials to assist speakers in their talks on "Route to MIEM/PE" or "Career in Engineering". A total of 70 talks were conducted at the organisations as well as the IHLs not only within the Klang Valley but also at the IEM Branches to encourage engineers and students respectively to join the Institution.

5.6 IEM Accreditation Board

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

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

5.7 Engineering Accreditation Council (EAC)

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

6. STANDING COMMITTEE ON EXAMINATIONS AND TRAINING

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



6.2 Professional Interview Board

This Board chaired by Ir. Hoo Choon Sean was responsible for the co-ordination of professional interviews of the Head Office as well as all the Branches throughout the country. The results of the professional interviews conducted from January-December 2010 were recorded as follows:-

| Nos applied to sit | Nos failed | Nos waiting for result | Postponed | Nos passed |
|--------------------|------------|------------------------|-----------|------------|
| 735 | 69 | 296 | 38 | 332 |

In 2010, IEM received a total of 57 applications for the Professional Assessment Examination (PAE) from the Board of Engineers, Malaysia (BEM). 33 candidates passed the PAE and 2 failed while the rest were cases that had been postponed by the candidates as well as those awaiting results.

The Professional Interview Board continued to organise a number of Professional Interview workshops at IEM Headquarters, Branches and private organisations and at universities. For the year 2010, 3 professional interview workshops were held at headquarters level. Candidates were briefed on the latest procedure and policies with regard to the professional interview. A workshop for Professional Interviewers was also held where interviewers provided feedback and comments for improvement of the Professional Interview process. The workshop also served as a forum where Interviewers were briefed on latest guidelines and requirements so that they are kept abreast with the latest requirements for election or transfer as Member of IEM.

The PI Board is also finalising the revision to the Professional Interview Guidelines which would be implemented in the later part of 2011. The new essay questions for Section B of the Professional Interview on Regulations of Professional Conduct had been published monthly in the IEM Bulletin since June 2010. The questions would be implemented for those who apply for the Interview with effect from 1 January 2011.

6.3 IEM/BEM Graduate Examinations Bureau

The Bureau chaired by Ir. Prof. Dr. Syed Abdul Kader Aljunid continued to process applications to sit for Part 1, Part 2 and Part 3 of the localised IEM/BEM Graduate Examinations as well as coordinate the candidates who would be completing their attempts in the old curriculum of the IEM/BEM Graduate Examinations.

6.3.1 33rd IEM/BEM Graduate Examinations

The IEM/BEM Graduate Examinations (old curriculum) was held on 17 - 21 May 2010. The detail results are as follows:

- Part 1: There were no candidates for this sitting
- Part 2: No candidate completed the examination
- Part 3: 2 out of a total of 7 completed the examination.

6.3.2 Localised IEM/BEM Graduate Examination

The localised examination which was expected to be introduced in 2010 had to be deferred pending approval from the relevant bodies. The new syllabus is made of two parts examination and the third part would be on practical training. Approval was obtained for the examinations in August 2010.

The approval was for the examinations to continue only up to 2015. The first examination is scheduled in March 2011. A total of 3 candidates will be sitting for Part 1 and 25 candidates for Part 2.

6.3.3 Board of Examiners

The Board of Examiners chaired by Ir. Prof. Dr. Lee Sze Wei continued to prepare questions for localised examinations scheduled in March 2011. Examiners, Markers and Moderators were invited from local public and private universities. A total of nineteen (19) papers had been prepared and moderated.

6.4 Log Book

The responsibility of the Sub Committee chaired by Ir. Juares Rizal bin Abd Hamid was to check and verify the log books submitted by Graduate Members as well as to ensure that the submission on their practical experience is complete with the endorsement of the Mentor. A total of 121 log books were endorsed in year 2010.

The Sub Committee would be looking into improving the log book scheme in line with the revision to the Professional Interview Guidelines.



6.5 IEM Training Board

The IEM Training Board chaired by Ir. Li Thang Fai continued to deal with matters concerning training requirements; Professional Development Programme (PDP) for Graduate Engineers and Continuing Professional Development (CPD) for Professional Engineers in year 2010.

The Training Board is responsible to evaluate all event programmes conducted by Technical Divisions as well as Branches of IEM. In 2010, 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.

6.6 Ad Hoc Committee on Structured Training

Ir. Dr. Muhammad Fuad bin Abdullah took over the chairmanship of the Ad Hoc Committee in session 2010/2011. The Committee's task was to formulate a set of structured training guidelines for Graduate Engineers that could be tailored to the requirements of the Professional Interview. The guidelines should assist the Graduate Engineers to be aware of the sort of training required before he/she is eligible to sit for the Professional Interview. It should also include specific areas in terms of design, site, planning, management or supervision of the Graduate Engineer's practical experience.

The Ad Hoc Committee formed four sub groups to look into formulating modules for the four major disciplines of Civil, Electrical, Mechanical and Chemical Engineering. The Ad Hoc Committee anticipated that the modules would be completed before the end of 2011.

7 STANDING COMMITTEE ON INFORMATION AND PUBLICATIONS

7.1 This Standing Committee continued with a new chairman, Dato' Ir. Haji Abdul Rashid bin Maidin. The Committee 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 assist the Committee in the publication and printing of the IEM magazines from 1 July 2008 until 31 December 2013. The Standing Committee is also adjusting to the new role in maintaining the website and looking after its quality. In the year under review, the Committee met regularly on every 1st or 2nd Saturday of the month after the Excomm meeting, to decide on various issues related to publishing of the Journal and Bulletin.

7.2 IEM Journal

Four issues of the Journal were published distinguished by its blue colour. The September 2010 issue was on "Energy and Environment" while the December 2010 issue was on "Agricultural and Food Engineering". The March 2010 issue is in its preliminary stage of preparation at the time of writing this annual report.

The Sub Committee would re-apply for international journal status under Scopus indexing for year 2012. For the year 2011, the Sub Committee proposed to go online with local listing under Malaysian Journal Online System (MJO). The listing would also include back issues from year 1973 until 2000. The process of looking into the Journal online submission via the IEM web portal as well as review process via online, were being looked into.

7.3 JURUTERA Bulletin

Twelve issues of the Bulletin were published for the year 2010 with new contents layout. The Editorial Board is still in the process of improving this layout and content for the April 2011 issue. The Sub Committee had identified future themes for 2011 which are listed below :-

| | |
|---------------|---|
| January 2011 | Engineering in 2011 |
| February 2011 | Asset Management in Oil and Gas |
| March 2011 | Trends in Professional Engineering Practice |
| April 2011 | IEM Graduate & Student Section (rebranded to Young Engineers Section (YES) |
| May 2011 | IEM AGM and Annual Dinner |
| June 2011 | Women Engineers |

7.4 IEM Directory 2010/2011

An announcement seeking the willingness of the members to provide their contacts and e-mail addresses in the new IEM Directory was sent out with the 2011 Annual Subscription notice. The directory was targeted to be printed in April 2011.



7.5 Book Project on “Engineering Heritage in Malaysia”

The publication of a coffee table book on “Engineering Heritage in Malaysia” was delayed due to inadequate financial support. Contribution of RM 200,000 is needed to fund the project. Name of sponsors and companies for the project would be acknowledged accordingly.

7.6 IEM Website and Homepage

The IEM Website/Homepage is under the stewardship of this Standing Committee and 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

Special Task Force Committee on IT was set up to look into revamping the web-portal.

7.7 Library

The Library Sub Committee chaired by Ir. C.M.M Aboobucker held monthly meetings to discuss matters pertaining to the library before reporting to the Standing Committee on Information and Publications.

IEM Library now has a collection of approximately 5448 books on various topics related to engineering. The members are encouraged to submit their recommendations on books to be purchased for the IEM Library.

Reading materials such as magazines, conference proceedings and seminar papers had been compiled and made available at the library. A total of 2741 copies of conference proceedings, seminar papers and technical papers delivered at various workshop sessions, seminars and conferences could be viewed for reference purposes.

Technical Divisions also purchased and supplied books of their relevant disciplines for the library using their surplus funds generated from organising conferences, seminars and courses.

Due to the increase in the volume of reference books and proceedings, the Sub Committee had proceeded with the renovation plan. This renovation work completed in mid 2010.

With the increased allocation of finances for purchasing of books, this Sub Committee would require IEM members' suggestions on suitable and relevant publications for library acquisition.

8 STANDING COMMITTEE ON ACTIVITIES

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

The Standing Committee continued to supervise the activities of Technical Divisions, Special Interest Groups, Sections and Branches of the IEM. The main objective of this Standing Committee is organising talks, seminars/courses, conferences, social events and all other activities. The summary of these activities had been tabulated in the summary sheets on Activities for the year 2010.

8.2 IEM Annual Events and Activities 2010

Some of the major events are highlighted below:

- | | |
|----------------|--|
| 17.4.2010 | The 51st Annual General Meeting of the IEM was held at Wisma IEM, Petaling Jaya and was attended by 297 members. |
| 17.4.2010 | The 51st Annual Dinner was held at Sime Darby Convention Centre, Kuala Lumpur. 880 members and guests attended the dinner. The Guest of Honour for the night was YB. Dato' Seri Kong Cho Ha, Minister of Housing and Local Government. |
| 19 – 24.4.2010 | The IEM Engineering Week 2010 was held with the theme “Engineering Mobility, Globalisation and Green Technology for a Sustainable Future’ |
| 25.7. 2010 | The IEM Family Day 2010 was held at Taman Jaya, Petaling Jaya. 504 members and family members attended the event. |
| 29.7.2010 | The IEM Golf Tournament 2010 was held at the Kinrara Golf Club, Bandar Kinrara, Puchong. 97 members and guests participated in the tournament. |



30.11.2010 – 3.12.2010 The 28th Conference of the ASEAN Federation of Engineering Organisation was hosted by Vietnam Union of Science and Technology Associations (VUSTA) at Hotel Melia, Hanoi, Vietnam. The theme of the conference was "Engineering and Technology for a Better Quality of Life". Proximately 400 participants attended the conference. IEM sent a delegation of 62 members to the event.

8.3 IEM Presidential Award of Excellence

The winners for the activities conducted for year 2009 are as follows:

| | |
|---------------|---|
| Winner | Mechanical Engineering Technical Division |
| 1st Runner up | Civil and Structural Engineering Technical Division |
| 2nd Runner up | Geotechnical Engineering Technical Division |
| Most Improved | Chemical Engineering Technical Division |
| 5th Placing | Electrical Engineering Technical Division |
| 6th Placing | Water Resources Technical Division |

9 STANDING COMMITTEE ON PROFESSIONAL PRACTICE

9.1 The Standing Committee continued through the session under the chairmanship of Ir. Lee Weng Onn. The main function of this Committee was delegated to its Sub Committees to handle, discuss and make proposal to the Standing Committee. Such issues were related to professional practices, arbitration as well as complaints on professional conducts and ethics matters.

9.2 Sub Committee on Engineering Contracts

During the session, this Sub Committee chaired by Ir. K Gunasagaran, looked into redrafting of the IEM Condition Contract for Civil Engineering Works. At the time of writing this report, the Sub Committee is still finalising the paper for printing.

The Sub Committee noted that the Conditions of Contract for M & E Engineering Works is still being drafted.

9.3 Sub Committee on Dispute Resolution Practice

This Sub Committee chaired by Ir. Dr. Ooi Teik Aun continued with its main function which is to review the IEM Rules for Arbitration.

9.3.1 Rules for Adjudication & IEM Panel of Adjudicator

Ir. Lai Sze Ching was assigned to prepare the Rules for Adjudication. However this matter had to be kept in abeyance pending on approval from the Construction Industry Payment and Adjudication Act (CIPAA) in Parliament.

9.4 Sub Committee on Fire Advisory Board

The Sub Committee chaired by Ir. Thin Choon Chai studied technical issues relating to fire protection. The Sub Committee also assisted the Fire and Rescue Department (BOMBA) to disseminate information related to fire safety.

Regarding the drafting of the UBBL (Penyelaraskan cadangan-cadangan ke atas Undang – Undang Kecil Bangunan Seragam 1984 – Kebommbaan dan Pencegahan Kebakaran [Aktif]), the Kementerian Perumahan dan Kerajaan Tempatan (KPKT) organised a 3-Day Workshop with 5 UBBL Work groups. These 5 Workgroups managed to complete the drafting of part of this UBBL and had made their submission to the Ministry. The approval of the drafts are awaited.

The Sub Committee had been actively involved in the Technical Committees of the Fire and Rescue Department (BOMBA) and SIRIM.

9.5 Sub Committee on Standard Writing Organisation (SWO)

The Sub Committee on SWO was set up to identify the various standards IEM could prepare for SIRIM. Ir Mun Kwai Peng continued as the SWO Co-ordinator for IEM. IEM with strong support from the Civil & Structural Engineering Technical Division (CSTD) proceeded to prepare the various standards.

The writing of EN1, EN 2 and EN3 had been completed. The Sub Commitete is now working on EN 7 and EN8.

The work scope of IEM SWO is to get agreement from Department Standard Malaysia (DSM) for standard drafting. The committee would also get DSM to be responsible for the funding of the work and to give recognition on the standard writing effort.

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

Ir Tu Yong Eng chaired the Sub Committee to look into the amendments of UBBL.



9.7 Appointment of IEM Arbitrators /ADR Advisory Board

The Sub Committee chaired by Ir. PE Chong, continued with its function of nominating/appointing arbitrators for parties in dispute.

Two Arbitrators were appointed for the session 2010/2011. This Committee also interviewed potential Arbitrators for inclusion into the IEM Panel.

9.8 Sub Committee on Screening of Complaints

The Sub Committee under the chairmanship of Y Bhg. Dato' Ir. Pang Leong Hoon screened all complaints on ethics of members, unfair dismissal, professional misconducts, unethical practice of professional engineers and grievances. This Sub Committee would decide whether there is a need to set up disciplinary committees to handle the matter.

9.9 Sub Committee on Legislation Affecting Engineering Profession

Ir. PE Chong, the Chairman of this Sub Committee continued to look at issues affecting the engineering profession. The Sub Committee is currently actively reviewing the CIPA Act and had submit proposals and comments highlighting the IEM's stand to CIDB, BIPC, the BAR Council, Legal Advisor in Ministry of Works, KLRCA PEMUDAH and PEMANDU.

9.10 Sub Committee on Construction Law

Ir. Chong Thaw Sing was appointed to chair this Sub Committee. The Sub Committee would prepare the scope of work, terms of reference and identify members who could serve and contribute their time. This Sub Committee would look into issues related to matters of legal implications and recommends action to be taken.

9.11 Adhoc Committee on Review of the Registration of Engineering Act

The AdHoc Committee is still reviewing the Registration of Engineers Act and looking into issues of concern to the Institution and engineers. Issues strongly commented were on Engineering Consultancy Practices (ECP), Professional Insurance Indemnity (PII), abolishment of temporary engineer, 2 tier registration and Foreign Equity

9.12 Representative to Outside Bodies

The Secretariat continued to monitor the list of attendance and representation of IEM members attending meetings of external bodies such as BIM, CIDB, DSM amongst others. The Secretariat working under the directive of this Sub Committee contact the representatives on dates of meetings and collect their reports. The work is purely administrative.

10. STANDING COMMITTEE ON WELFARE AND SERVICE MATTERS

10.1 Under the chairmanship of Vice President, YBhg. Datuk Ir. Rosaline Ganendra, this Standing Committee held its monthly meetings on every 2nd Thursday of the month to discuss, review, recommend, approve and implement issues or matters pertaining to the welfare of IEM members. Activities such as the IEM Family Day and IEM Engineering Week were successfully organised during the session. Other welfare activities, which could benefit members of the Institution, were also planned.

10.2 IEM Benevolent Fund

A total of RM47,435.00 was received for the session 2010/2011. The IEM would like to record its appreciation to the members for their kind support and generosity.

The balance available in the Benevolent Fund as at December 2010 is RM61,455.50. This Benevolent Fund contributed RM4,837.50 to the Jurutera Wargamas Scheme for the year.

10.3 Jurutera Wargamas (JWS) & Exempted Members

The scheme specially designed for members who are senior citizens or disabled was aimed to reduce the annual subscription payment 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.

13 applications submitted and a total of 9 were approved for the year 2011 under JWS. For 2010/11, the members enjoying this privileges of being exempted were recorded at 6.



10.4 Members Retrenchment Benefit

This scheme allowed engineers who were retrenched and unemployed to be considered a waiver in payment of the annual subscription fees, up to a maximum of 5 years. There was no applicant in 2010.

10.5 Types of IEM Advertisements

10.5.1 IEM Job Matchmake

This is a job emplacement programme specially for IEM members. It is also a project to matchmake IEM members with potential employees. IEM is now offering Job Matching for :-

- Graduate/Young Engineers – Where we will match engineers with potential employers (Promote New Vacancy for Young Engineers);
- Experienced Engineers – Where we will match engineers with employers that required experienced engineers for managerial positions (Promote Career Advancement for Experienced Engineers);
- Retrenched Engineers – Where we will match engineers with potential employers that value experienced engineers (Promote Matching of Engineers with Suitable Engineers);
- Retired Engineers – Where we will match engineers with potential employers that required Senior Advisor(s)/Consultant(s) or as Speakers/Trainers for the young.

10.5.2 IEM Job Advertisement

This is another job vacancy advertisement programme on “Looking for Engineers?” These job vacancy advertisements would be through the IEM Website and placed on the IEM Notice Board for members and non-members who are looking for engineers on a full time/contract or on part-time basis to fill job vacancies in their respective companies. The ‘Job Vacancy Advertisement Form’ and ‘Its Terms and Conditions’ could be downloaded from the IEM Website. Job seekers could search for their desired employment in the IEM Website under ‘Job Gallery’ section for the latest job vacancies.

10.5.3 IEM Advertisement

This is a new added value service that IEM could provide to its members and companies who are involved in the supply of products and services related to the engineering profession. The Wisma IEM is now a venue for all IEM activities for talks, seminars, courses, workshops, etc. Hence with a nominal fee, engineers and companies could advertise their products and services on poster boards and panels placed along the corridors and lecture rooms. Members could check out these offers at the IEM Website. Banner Advertisement placed in the website is also opened for booking.

10.6 Employment Survey

The Standing Committee continued with the exercise on the employment survey to obtain information pertaining to the employment situation, remuneration and job satisfaction concerning the profession for year 2010 and 2011. This Committee had also incorporated questions related to the feminine profession into the survey form so as to collect data for analysing.

10.7 IEM Family Day 2010

The IEM Family Day is an event that members looked forward to every year. It served as an avenue for networking amongst senior and young engineers. It is also helpful for the council members to obtain feedback on IEM activities. It also aimed to promote further advancement for members through fostering closer rapport.

This year, IEM Family Day 2010 was held on 25 July 2010 at Taman Jaya Lake Garden, Petaling Jaya, Selangor. The venue was again chosen in anticipation of a bigger crowd in view of the Council meeting held on 26 July 2010. All Branch Chairmen and SPM/STPM award recipients were invited to the function. The event attracted 475 participants comprising IEM members and their families.

There were at least 20 types of challenging and fun games for children and adults. These included telematches, fun games, booth games and guessing games which were organised by the Young Engineers Section (YES) and the Secretariat. IEM hired a caterer to set up food stalls serving local and western favourites and many other delicious delicacies. The lady engineers gave their support by setting up stalls selling handy crafts and providing make-up demonstration.

The IEM President, Y.Bhg. Dato’ Ir. Prof. Dr. Chuah Hean Teik thanked the IEM Family Day 2010 organising committee and IEM secretariat staff for their hard work in organising the event and ensuring its success. He also extended his appreciation to Majlis Bandaraya Petaling Jaya (MBPJ) for allowing IEM to utilise the lake garden again this time. He acknowledged the sponsors for their generous contributions and handed over certificates of achievement and cash to the winners of the outstanding results in SPM and STPM. This year, a total of 55 SPM students and 6 STPM students were awarded with certificates and cash.

10.8 IEM Engineering Week 2010 (IEM EW2010)

The 14th IEM Engineering Week 2010 (EW2010) with the theme of 'Engineering Mobility, Globalisation and Green Technology for a Sustainable Future' was held from 19-24 April 2010.

IEM EW2010 was organised to introduce and promote the engineering profession to the general public. A one-week programme were arranged to promote engineering covering all aspects including the challenges, professionalism, the exciting working environment and the wide career options available to engineers. The programmes focused on the following:-

- Engineering Mobility and Globalisation for Sustainable Future'
- Engineering as a career, the privileges of being an Engineer;
- Attracting School Leavers to take up engineering;
- Contribution of Engineers in Scientific and Technology Development.

Details of the activities were captured in the summary sheets of the Annual Report.

10.9 Talks/Dialogues/Gatherings

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

10.10 Health Care and Exercise

Since the demised of the Chief Instructor, Master Yeoh Tong Eng, there were few volunteers who were willing to supervise the lessons held on every Monday and Wednesday from 8:15 p.m. – 9:15 p.m. at IEM Penthouse. Presently, there are 15 members in the class.

10.11 Insurance Matters

Various insurance schemes were arranged with insurance companies for members. These were with AON Brokers Malaysia Sdn Bhd on Professional Indemnity Insurance, MAA Berhad on Life and General Insurance and ING Insurance Berhad on Group Critical Cover Scheme. Other insurance proposals were 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 was well supported by members. One of the benefits was that IEM members could pay their annual subscription via direct debit from the card. IEM was also in the midst of looking for other partners for the IEM Co Brand Credit Card.

10.13 Sub Committee for Women Engineers

The Sub Committee on Lady Engineers had been renamed to the Sub Committee on Women Engineers during this session. This is to align the name to the global recognition of Women Engineers. The Sub Committee chaired by Ir. June Lau Yuk Ma, aimed to provide IEM Women Engineers with interesting activities. The Sub Committee conducted motivation talks at schools and universities, encouraging the students to choose engineering as a career; organised personal development talks; held technical talks and published articles in the IEM Bulletin. The Sub Committee had also proposed a lady engineer worthy of the IEM Lady Engineer Award, who was to be nominated for consideration of the IEM Award Committee. The Sub Committee had also conducted an employment survey of woman engineers, which forms a portion of the Employment Survey form. Other social events for the year were on-going and these were tabulated in the summary sheet.

10.14 Community Service Responsibility

10.14.1 Disaster Relief Aid

The Sub Committee collected some funds in aid of the flood victims at various part of Malaysia

10.14.2 Humanitarian Relief Aid

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

10.14.3 Technical Advisory Services for the Community

The Standing Committee established a unit called 'Technical Advisory Service for the Community'. Members of IEM could volunteer their expertise and services towards the improvement of social amenities, basic utilities, or needy development projects in places that need our services such as rural villages. In doing so, the Committee believe this programme should be able to enhance the image of the profession and Institution.

For the year, the Committee managed to carry out Community Services Responsibility Projects especially on Rain Harvesting System (SPAH) at Kg. Baru Sg. Penjuring, Bentong Community Hall, Kg. Baru Jementah, Segamat Old Folk Home, Kg. Baru Plentong, Johor Baharu Community Hall and Damansara Jaya Community Centre.

Future proposed projects included:-

- Kg. Tringkap Cameron Highlands – To assist farmers at Tringkap to prepare ESCP plan and to help them provide supporting documents on their existing farm land; to obtain proper land tenure.
- Canopy Bridge for Kg. Beroga, N. Sembilan – To construct a canopy bridge across a small valley next to a stone temple which is a popular tourist spot.
- Bagan (Fishing village) Cagar Ayam Road System at Bagan Datoh, Perak – looking into the drawings to prepare a road system.
- Bagan Walk in Perak, Selangor and Seberang Perai – looking for right materials and design for board walk and bridge repair.
- Design of public toilet at Jementah Padang Square – A public toilet would be built. IEM assistance was sought to advise on the design.
- River side landscaping at Sg. Penjuring New Village – National Landscape Department – IEM would be assisting Sg. Penjuring Village to design the landscape project along the river. IEM assistance was being sought to advise on the construction of river bank with river front features for recreational purpose.
- Composting Bins – There are several villagers which are outside the local authority area and villagers have to manage their own solid waste. IEM is to look into providing bins for this purposes
- Modern Toilet Construction at Senai, Johor and Sauk, Perak – Intend to design a non-conventional toilet that is architecturally pleasing and functional. The shape should be attractive and with modern equipment.
- Tringkap Village, Cameron Highlands – to look into strengthening the river bank rubble pitching retaining system.
- Community Hall, Bukit Tinggi, Bentong – to provide technical advice on re-construction

10.16 Other Benefit Projects

The Committee is continuously negotiating with merchants to collobrate with IEM in a scheme that could benefit members.

11 STANDING COMMITTEE ON CORPORATE AFFAIRS

- 11.1 Ir. Choo Kok Beng was appointed the Chairman to this Standing Committee for Session 2010-2011 to oversee the various initiatives to improve the image of IEM and the position of IEM as the leader of engineers in Malaysia and the ASEAN region.

The Standing Committee handled the co-ordination of the international involvement of IEM and monitors the activities of the various IEM foreign initiatives. Ir. David Lai Kong Phooi and Ir. Chong Chew Fan were appointed the Vice-Chairman and Secretary of the Standing Committee respectively.

11.2 Registration with MYIPO

IEM's logo had been registered as a trademark with MYIPO.

11.3 ASEAN Federation of Engineering Organisations (AFEO) Secretariat

The IEM continued to host the AFEO Secretariat with Y.Bhg. Dato' Paduka Ir. Prof (Dr.) Keizrul Abdullah, as the Secretary-General. The AFEO Secretariat Management Committee continued to monitor the work of the Secretariat in performing its duties so as to function effectively and efficiently.

The Mid Term Meeting of the AFEO Board of Governors was hosted by Persatuan Insinyur Indonesia (PII) from 15-16 June, 2010 at the Borobudur Hotel in Jakarta, Indonesia.

The Vietnam Union of Science and Technology Associations (VUSTA) hosted the 28th AFEO Governing Board Meeting held on 1 December 2010 at Melia Hotel, Hanoi, Vietnam and the 28th Conference on ASEAN Engineering Organisations, (CAFEO 28) with the theme "Engineering and Technology for a Better Quality of Life".



11.4 ASEAN Engineers Register (AER)

IEM continued to host the Secretariat of the ASEAN Engineers Register (AER). Ir. Rocky H.T. Wong resigned as AER Head Commissioner on 5 April 2010. Ir. Choo Kok Beng, was duly appointed to the post of AER Head Commissioner for Session 2010-2011.

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

In line with the objective of the AER which is to facilitate the mobility and professional practice of its engineers within the ASEAN, the AER Executive Committee and AFEO Governing Board continued the task of establishing a framework of mutual recognition qualifications amongst the ASEAN member countries whereby AER engineers who wish to practice outside their home country may carry with them an approved and recognised professional qualification.

The AER Register is maintained as a platform to safeguard and promote the professional interests of engineers. The quality and standing of the AER engineers are continuously being upheld through the setting, monitoring and reviewing of standards by the AFEO Governing Board.

The AE Register currently hosts a total of 1,554 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 | | 29 | 29 | Myanmar | 163 | | 163 |
| Cambodia | 185 | | 185 | Philippines | 128 | | 128 |
| Indonesia | 147 | 2 | 149 | Singapore | 13 | 2 | 15 |
| Laos PDR | 19 | | 19 | Thailand | 34 | | 34 |
| Malaysia | 516 | 150 | 666 | Vietnam | 166 | | 166 |

Deceased /resigned : 15

11.5 AER National Monitoring Committee (NMC)

Ir. Yim Hon Wa, held the chairmanship of this Committee. The main function of the IEM AER NMC was to process applications for IEM members applying to be registered as ASEAN Engineers. The Committee also arranged for the presentation of AER certificates and medallions to successful applicants from IEM.

11.6 APEC/International Engineer Register Committee

The processing of applications from IEM members for these Registers was under the purview of the Standing Committee on Qualifications and Admissions chaired by Ir Yim Hon Wa.

The Membership Applications Board chaired by Ir. Lee Boon Chong, would vet and process all applications and forward the submissions to the Standing Committee for approval. To date, a total of 225 members had registered for both the Registers.

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

The Institution of Engineers, Malaysia hosts the permanent Secretariat of FEIAP. The Institution of Engineers, Singapore (IES) hosted the 17th FEIAP General Assembly on 1 December 2010 at Melia Hotel, Hanoi, Vietnam. IES holds the FEIAP Presidency until end of 2011. There are now a total of 21 Member Economies in FEIAP.

11.8 Federation of Engineering Institutions of Islamic Countries (FEIIC) National Monitoring Committee (NMC)

The FEIIC National Monitoring Committee was formed as a Sub Committee of this Standing Committee to monitor and coordinate activities organised between IEM and FEIIC. Dato' Paduka Ir. Hj Prof (Dr) Keizrul Abdullah, was appointed the Chairman of this Sub Committee. The 24th FEIIC Council Meeting was held in Kuching, Sarawak on 2 August 2010 in conjunction with the World Engineering Congress 2010. Currently, Eng. Wael Akram A-Saqqa of Jordan holds the Presidency of the FEIIC Council whereas Ir. Assoc. Prof. Megat Johari Megat Mohd Noor of Malaysia is the Deputy President. The next General Assembly of FEIIC would be held in Almaty, Kazakhstan in June 2011.

11.9 World Federation of Engineering Organisations (WFEO)

Mrs. Maria Jesus Prieto Laffargue of Spain currently holds the Presidency of WFEO whereas Eng. Adel Al Kharafi, the Honorary President of the Kuwait Society of Engineers is the President Elect. Y.Bhg. Dato' Ir. Rosaline Ganendra, from Malaysia was elected as a WFEO Council Member. The WFEO Executive Council Meeting was held in Argentina on 16-17 October 2010.

11.10 Commonwealth Engineers Council (CEC)

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

11.11 MOUs with Overseas Institutions

The Chairman of the Sub Committee on MoUs/MoAs is Ir. Hj. Mohd Ali Yusoff. To-date, IEM had signed over 30 MOUs with various organisations and professional institutions overseas. The IEM is currently in the process of establishing a Memorandum of Understanding (MOU) with the Institute of Marine Engineering, Science & Technology, UK (IMarEST), which is the leading international membership body and learned society for marine professionals. IEM members especially those in the marine engineering field of practice would stand to benefit from the joint activities arising from the signing of an MOU; as well as prospects and opportunities to be gained by the IEM Training Centre to organise training and/or courses related to these fields.

IEM is also set to re-sign an Agreement for Cooperation with The Institution of Civil Engineers, UK (ICE) on 14 January 2011.

11.12 Interview Sessions, Press Releases and Press Statements

Throughout the year, this Standing Committee continued to actively provide press releases and statements on various engineering issues and matters of national interest. The Sub Committee on Public Relations also made press statements on the events and activities organised during the year of 2010.

11.13 Dialogues with Government Ministers and Ministry Officials

3.5. 2010 Dialogue Meeting with Minister of Housing and Local Government

The IEM President had led a delegation to meet the Minister to present a number of issues amongst which were the review of the UBBL. IEM also requested for financial support for some of the IEM initiatives such as the Position Paper on Earthquake.

22.10. 2010 Dialogue meeting with the Datuk Bandar of Shah Alam (MBSA)

The IEM President had led a delegation to meet the Datuk Bandar of Shah Alam (MBSA) for a dialogue. A briefing on IEM and a copy of IEM's Position Paper on Hill-Site Development was presented to the Datuk Bandar during the dialogue. IEM also provided MBSA with details of Accredited Checkers for Structural and Geotechnical Engineering and urged MBSA to appoint technical committees to enable IEM to assist MBSA in engineering matters

11.14 The IEM Business Club (pka Pro-ETI Buereau)

The Chairman of the IEM Business Club was Ir. David Lai Kong Phooi and Y.Bhg. Dato' Dr. Andy Seo was the Club's Advisor. Previously known as the "Pro-ETI Bureau", the IEM Business Club was initially established through Excomm and Council decisions to prepare export readiness among IEM members by means of advancing the business venture and networking of IEM members in engineering technology and innovation, both locally and overseas. The Bureau was however re-branded as the "IEM Business Club" in May 2010 to better reflect the ultimate goal of its creation which is to explore business potentials for IEM Members within Malaysia and in neighbouring economies with a focus on doing business in the engineering sector and to build up a business networking in those countries.

To achieve this goal the IEM Business Club would from time to time organise trade visits and hold business dialogues with potential foreign business partners at overseas conferences, meetings and symposiums. All IEM Members interested in furthering their business potential overseas would be urged to join such delegations. The IEM Business Club would disseminate information on such visits and/or dialogues and networking sessions through flyers, email blasts and website announcements. In addition, the IEM Business Club would be engaging all IEM Branches in dialogues to help promote its initiatives and better benefits of all Members, whether they are in Malaysia or overseas.

The IEM Business Club held its bi-monthly Networking Session for IEM members on 17 September and 12 November 2010 to enable the IEM members to enhance business opportunities amongst themselves. Participants from various industries in the engineering sector such as building materials, engineering consultancy, refinery, air pollution control materials supply and many more took part in the networking sessions.

The Club intends to build up a "Buyer-Seller" database of Members' contact details, company profiles as well as products and services provided or required, to enable the members to conduct their own business matching. The Club targets to expand this database on the new myIEM web portal in the near future. The IEM Business Club would also be used as a vehicle to disseminate information on events and conferences organised by other Organisations both locally and overseas.

11.15 Visitors to IEM

5.2. 2010 A dialogue meeting was successfully held with the President and Council Members of The Institution of Surveyors Malaysia to discuss general and technical issues of mutual concern. Both institutions agreed to hold at least two dialogues a year with IEM and ISM rotating as the host. ISM and IEM also agreed to form Joint Task Forces relating to the involvement in Green Buildings and Industrial Building System, Property Management Services and Demolition of Buildings.



- 9.2. 2010 The President of IChemE paid a courtesy visit to IEM. During the visit, several topics of mutual concern were discussed including joint activities and membership.
- 16 .3.2010 The National President of Engineers Australia, Professor Doug Hargreaves and entourage visited IEM for a dialogue session with the Deputy President of IEM and Excomm members. He later gave a talk entitled "What's New In Engineers Australia" co-organised with Engineers Australia Malaysian Chapter (formerly known as SIEAMM) at the Tan Sri Prof Chin Fung Kee Auditorium. A dinner was hosted in his honour by the IEM President at PJ Hilton.
- 23.7. 2010 A delegation from the Board of Engineers Cambodia (BEC) paid a visit to IEM for a dialogue on the potential role of the IEM Training Centre Sdn Bhd to assist BEC in the education and training of their engineers.
- 12.11. 2010 A delegation from the Malaysian Institute of Chartered Secretaries and Administrators (MAICSA) led by its President paid a visit to IEM. Both Institutions agreed to collaborate in events of mutual interest, one of which was MAICSA's participation in the IEM Business Club Networking Session and to provide briefing on company secretarial and other matters to IEM Members, targeted in early 2011.

11.16 National Outreach Programme

A National Outreach Programme was implemented successfully with government support. The IEM, having received a government grant of RM1.47 million, conducted specific outreach training programmes and other accreditation courses for its membership to upscale engineers and other engineering services professionals to move up the value chain. This government grant is known as the Services Sector Capacity Development Fund (SSCDF). The Training/Outreach Programme targeted for liberalisation and the opening up of the domestic market, and was therefore designed to create awareness of a borderless world - the prerequisite for successful exporting. The SSCDF Grant was utilised towards the capacity and capability building of the IEM members to be competitive in exporting both engineering services (CPC8672) and integrated engineering services (CPC8673).

The programme formulated included :

- i. Think Global, Act Local (10 sessions)
- ii. Successful Service Exporting (12 sessions)

As of 22 March 2010, all the twenty-two (22) sessions of the "Think Global, Act Local" and "Successful Services Exporting" Training and Outreach programmes had been completed, at almost all of the eleven (11) branches of IEM located across the country including the IEM Headquarters in Petaling Jaya. As of 30 April 2010, approximately four hundred (400) IEM members have attended the Training and Outreach programmes.

On 17 February 2010, MIDA granted IEM's request to extend the programme to 30 June 2010 with an additional four (4) sessions from 1st April 2010 to 29 June 2010. The final session was a workshop on "Successful Services Exporting" for participants who have scored 80% and above in the tests carried out at the end of each training session, enabling them to become the facilitators or trainers of the programme in future.

11.17 IEM - PEMUDAH Sub Committee

The IEM-PEMUDAH Sub Committee was chaired by the Chairman, Ir. Choo Kok Beng and consisted of the Vice-Chairman Ir. David Lai, Dato' Ir. Dr. Andy Seo Kian Haw, Dato' Ir. Hj. Abdul Rashid Maidin and Ir. Hj. Mohd Ali Yusoff. The IEM-PEMUDAH Sub Committee was formed as a platform for members to help improve Government delivery systems. To this end, a write-up on PEMUDAH was published in the July 2010 issue of the Jurutera Bulletin as a way of informing IEM Members on the workings of PEMUDAH. A focus group had been set up under PEMUDAH called "the Focus Group on Private Sector Efficiency" which scrutinised the delivery systems of private sector organisations such as the Bar Council, Tenaga Nasional, Syabas, IEM and others. Y.Bhg. Dato' Paduka Ir. Prof (Dr.) Hj. Keizrul Abdullah was nominated as IEM's representative to the Focus Group. In addition, Ir. David Lai had volunteered to serve in PEMUDAH for the Perak State.

12 AWARDS COMMITTEE

- 12.1 The President, Y.Bhg Dato' Ir. Prof Dr Chuah Hean Teik chaired the Award Committee for the session. The Committee considered 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 IEM was pleased to announce that based on our submission, Ir. Dr Gue See Sew was conferred the FEIAP Engineer of the Year Award in Hanoi, Vietnam on 1 December 2010 while Ir. Choo Kok Beng received the ASEAN Outstanding Engineering Achievement Awards on 2 December 2010 also in Hanoi, Vietnam.

The details of the awards were tabulated in the front pages of this Annual Report. IEM also conferred four AFEO Hon Fellows and one AFEO Hon Member this year.

- 12.3 Besides the nomination of candidates for the above awards, the Committee also submitted 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 BEM continued to work with the IEM to maintain a close rapport. IEM continued to have 5 members serving on the Board. IEM members were also represented in some of the Board's Committee.

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

IEM continued to work closely with BIM and IEM had been represented in a few of its Committees to assist the BIM to organise activities.

13.3 Representation to Outside Organisations

The Institution continued to maintain close relationship with :

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

Dialogue meetings were held with some of these organisations

14 INTERNATIONAL ACTIVITIES

- 14.1 The IEM continued to maintain liaison with the following overseas associations and organisations :

- 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 continued to maintain close relationships and liaison with professional Institution in USA, UK, Japan, Korea and China on engineering education and cross border practice. These Institutions that continued to have closer rapport were noted as follows:-

- The Institution of Engineers, Singapore (IES)
- Hong Kong Institution of Engineers (HKIE)
- Engineers Australia (EA)
- Korea Professional Engineers Association (KPEA)
- Korea Engineering & Consulting Association (KENCA)
- The Institute of Electrical and Electronic Engineers, USA (IEEE)
- The Institution of Civil Engineers, UK (ICE)
- The Institution of Mechanical Engineers, UK (IMechE)
- The Institution of Chemical Engineers, UK (IChemE)
- Japan Federation of Engineering Societies (JFES)
- Japan Accreditation Board for Engineering Education (JABEE)
- China Association for Science and Technology (CAST)

- 14.3 The IEM Secretariat continued as the contact point for the Society of Institution of Engineers, Australia Members in Malaysia now renamed as Engineers Australia Malaysia Chapter (EAMC).



15 SPECIAL COMMITTEE ON AMENDMENTS TO CONSTITUTION AND BYLAWS

- 15.1 Ir. Chiam Teong Tee continued to chair this Special Committee. The Committee's role is to review proposal from Council on amendments to the IEM Constitution and Bylaws. Currently the Committee is looking into Electronic Balloting exercise.

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 IEM President is the chair of the Board of Management of the IEM Education Fund. The Board met every quarterly to monitor the affairs 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. Applicants selected to receive the scholarship were as follows:

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

At the time of writing this report the Board is vetting the applicants for this scholarship

Engr. Thean Lip Thong Memorial Scholarship

Mr. Tong Han Seng from University Malaya was given the scholarship from 2007 until his graduation in July 2010.

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

Cik Erni Syuhada binti Mazwil Ishan of University Technology of Malaysia had completed her studies and the Board had now given the scholarship to Mr. Taneiz Chelvam Selvarajah from September 2010. He is studying in a part-time course at UTM doing engineering.

Mr. Koon Yew Yin Scholarship

For this scholarship two students from Universiti Teknologi Mara, Shah Alam were selected to receive the scholarship of RM4,500.00 each. These students were:

- i) En. Mohd Khairul Anwar bin Nor Said
- ii) En. Mohd Hafizsan bin Mohd Fuzi

17.2 Tun Hussein Onn Memorial Scholarship

- 17.2 The Fund is currently supporting Ms Sek Kit Xuan for her Biomedical Degree at INTI College, Nilai with a scholarship of RM6,000 per annum under the Tun Hussein Onn Memorial Scholarship for the Blind.

17.3 IEM Student Sections

To date a total of 7 IEM Student Sections had been set up at various universities. The Board had increased its allocation of RM500.00 each to the Student Sections for its activities, to RM1,000.00 per year.

These students sections based at the following universities were noted as follows:-

Universiti Multimedia – MMU (Melaka)
 Universiti Teknologi Malaysia – UTM
 Universiti Sains Malaysia – USM (Nibong Tebal, Pulau Pinang)
 Universiti Teknologi MARA – UiTM (Shah Alam)
 Universiti Teknologi MARA – UiTM (Pulau Pinang)
 Universiti Tenaga Malaysia – UNITEN (Bangi)

The latest Student Section to be formed was at Universiti Teknologi Petronas (UTP) at Tronoh Perak on 18 January 2010.

17.4 IEM Gold Medals

The Board continued to award the IEM Gold Medals to the best final year engineering students of local institutions of higher learning. All universities with accredited engineering degree programme are eligible to submit the names of their most outstanding results for the award.

17.5 IEM Book Prizes.

The IEM Book Prizes were made available to the best engineering students of public universities.

17.6 Sponsorship of attendance to seminars/courses/conferences

The Board also continued its active sponsorship of seminars, courses and conferences during the session and sponsored authors to present papers overseas eg to CAFEO 28 in Hanoi, Vietnam from 30 November – 2 December 2010 and to the IEM/CIE Conference in Taipei, Taiwan from 16-17 November 2010.

17.7 Donation

The appeal for 2011 donations was sent together with the notice of 2011 subscription and I wish to thank members for your generous contributions.

18 IEM POSITION PAPERS

18.1 More than 20 topics had been proposed and committees set up to prepare the IEM position paper, since the start of the project in 2001. So far ten committees had completed their tasks, as follows:

- 1) Mitigating the Risk of Landslides of Hill Site Development
- 2) Concrete Code of Practice in Local in Local Construction
- 3) Issues related to Mitigation of Traffic Accidents & Urban Traffic Congestion
- 4) Improvement of R&D and Innovation
- 5) Prevention of Flash Floods & Mitigation of Erosion and Siltation
- 6) Prevention of Collapse of Temporary Works and/Scaffoldings
- 7) Safety against Fire in Buildings
- 8) Energy Efficiency
- 9) Water Quality and Cleanliness of Beaches
- 10) Earthquake

18.2 Revision on Mitigating the Risk of Landslides had been finalised with an additional Explanatory Notes. The paper was finalised during the year 2010.

18.3 Two Position Paper Committees had progressed to the Writing of Malaysian Standards (MS) in 2010 on the following topics :

- a) Earthquake
- b) Utilisation of Eurocodes 7 (Geotechnical Design)

18.4 Two Position Paper Committees looking into the topics of Maintenance Engineering and Facilities Management had been combined to form one Committee in order to give a more comprehensive paper.

18.5 Two topics had to be revived to include more updated information and issues on current trend/situation. These two topics were:

- a) Safety against Fire in Building – to look into Public Safety & Education aspect as well
- b) Prevention of Collapse of Temporary Works and/or Scaffolding – to include elements on Demolition Works

18.6 Three Position Paper Committees had presented their proposal to the Minister of Housing & Local Government (KPKT) during two visits organised in May and September 2010 respectively. The Committees were:-

- a) Earthquake
- b) Water Quality & Cleanliness of Beaches
- c) Concrete Code of Practice in Local Construction Industry after 2008

18.7 Seven (7) topics were still in progress and were at different stages of finalisation. It could be anticipated that these Committees could complete their task in 2011. The Committees were listed below:-

- 1) Mitigation of Erosion & Sedimentation in Malaysia
- 2) Project Management Consultancy (PMC) Relevancy
- 3) Maintenance Engineering & Facilities Management (combined)
- 4) Water and Environment
- 5) Global Warming, Climate Change & Emission in Malaysia
- 6) Green Technologies
- 7) Alternative Energy for Power Generation in Malaysia

18.8 Dato' President, Ir Prof Ir Dr Chuah Hean Teik continued to chair the Position Paper Coordinating Committee (PPCC) meetings for the 2010/2011 session.

19. ADHOC COMMITTEE ON REVIEW OF IEM ORGANISATIONAL AND ADMINISTRATIVE STRUCTURE renamed to ADHOC COMMITTEE ON IMPROVEMENT TO IEM SECRETARIAT

19.1 The Deputy President, Ir. Vincent Chen Kim Keong chaired the AdHoc Committee and set up some procedures on the maintenance processes to guide the Secretariat on the upkeep of the two buildings namely Bangunan Ingenieur and Wisma IEM.



19.2 The Committee also looked into the operations and the structure of the IEM Secretariat with an aim to take stock of progress of work, update on any problem or issues that staff may encounter and to find solutions or guidelines to move forward. It is also an avenue to keep the Hon Secretary updated.

19.4 As mentioned previously it was aimed to have an efficient and effective Secretariat for the Institution.

20 IEM STRATEGIC PLAN

20.1 The Strategic Plan is an ongoing process which was first implemented in 1999.

The various Standing Committees had been appointed to set targets and to monitor their achievements in their activities and work output.

21 BRANCHES AND SECTIONS

21.1 Penang Branch

21.1.1 The Branch continued the 2009/2010 session under the Chairmanship of Ir. Lim Kok Khong until December 2010 when Ir. Ng Sin Chie took over for the new session 2010/2011. During this 2009/2010 session, the IEM Penang Branch Executive Committee organised numerous progressive activities for its members. These activities were highlighted below:-

19.11.2009 **Green Technology & System on Chip, SOC**

The above seminar was jointly organised by IEM Electronic Engineering Technical Division, EETD, IEM Electrical Engineering Technical Division, EETD and National Federation of Professional Electrical Engineer Guilds (NFPEEG) of R.O.C). 7 expert speakers shared their knowledge on various topics during this informative seminar. The speakers were Prof. Jou, Mr. Richard Tu, Mr. Michael Liu, Dr. Ronald Resch, Mr. Ben Chu, Assoc. Prof. Dr. Ishak & Mr. C.P. Cheng. 98 participants attended the above seminar held at Evergreen Laurel Hotel from 8.00 am to 5.30 pm.

20.11.2009 **2009 Distinguished Engineer Legacy Lecture**

Our fellow eminent Penang engineer, Dato' Ir. Kam U Tee presented his life-long experience on "Looking Back and Moving Forwards". This Legacy Lecture was held at the IEM Penang Secretariat in conjunction with the 2009 IEM Penang Branch AGM. The aim of this prestigious IEM-Penang Distinguished Engineer Legacy Lecture Series is to impart the invaluable and extensive engineering knowledge and skills obtained by these senior prominent as well as very experienced engineers, who specialised in their fields of engineering and who were in practice to inspire the young engineers and those aspiring engineers who are keen to follow their footsteps.

20.11.2009 **42nd Annual General Meeting**

The 42nd AGM of IEM-Penang Branch was held at the IEM Penang Secretariat on 20.11.2009. It was attended by 117 members and after the AGM, the members adjourned for a buffet dinner at Penang Club.

23 - 24.11.2009 **BEM Course on Code of Ethics**

This course was jointly organised with IEM Training Centre Sdn Bhd at IEM Penang Secretariat and attended by 36 participants. The speaker was Cdr (Rtd) Ir. Raymond Swa.

8.12.2009 **Technical Dialogue with CIDB**

10 members attended the above technical dialogue held at CIDB office in Seberang Jaya.

10.12.2009 **Talk on Introduction to Green Building**

56 participants attended this talk which was held at IEM Secretariat. It was presented by speaker, Mr. James Scott Brew, FCSI, AIA.

11.12.2009 **42nd Annual Dinner**

42nd Annual Dinner of IEM (PG) was successfully held at Gurney Hotel, Penang and attended by a crowd of about 500.

11.3.2010 **Seminar on Total Solution for Diesel Power Generating Systems**

The above joint organised event with Scott English was held at IEM Penang Secretariat and attended by 39 participants. The speaker was Mr. Jeffery Koh.



- 23 - 24.3.2010 **2 Day Course on Fundamental Project Management**
35 members attended the seminar held at IEM Secretariat. Ir. Frankie Chong was the speaker
- 25 - 26.3.2010 **BEM Course on Engineering Management Practice**
Crd. (Rtd) Ir. Raymond Swa was the speaker to 28 participants at the IEM Penang Secretariat.
- 10.4.2010 **Technical Visit to ICP Marketing Sdn Bhd**
The first technical visit organised by IEM Penang for the year was to ICP Marketing Sdn Bhd and this event was attended by 39 participants
- 19 – 25.4.2010 **Engineering Week 2010**
IEM Annual Event, Engineering Week 2010 which was held from 19 – 25 April 2010 had been recognised as a continuous effort to enhance the image of the engineering profession amongst the community by organising various activities as listed below:
- 19.4.2010 **Seminar on Solar Energy Systems in Malaysia**
Space (Northern) Sdn Bhd sponsored the above seminar and had 2 speakers, namely Mr. Gan Eng Bee and Mr. Jonathan Kan to enlighten 74 participants on the above subject. The event was held at Gurney Hotel.
- 20.4.2010 **Technical Talk on Traffic Impact Assessment**
Ir. Dr. Leong Lee Vien was the speaker for the above talk on "Traffic Impact Assessment" which was held at IEM Secretariat. It was attended by 35 members.
- 21.4.2010 **Recruitment Drive - Route to Become a Professional Engineer**
The event was held at Knowles Electronics (M) Sdn Bhd and the speaker was Ir. Paul Phor Chi Wei.
- 22.4.2010 **Engineering Career Camp 2010**
IEM Penang Branch organised a 1-day Engineering Career Camp at IEM Penang Secretariat for Form 6 students from SMK Jit Sin, SMK St. George, SMJK Heng Ee, SMK St. Xavier & SMJK Chung Hwa Confucian. The career talk was presented by Ir. Paul Phor Chi Wei. It was followed by visits to M.E.I Project Engineers Sdn Bhd, Perbadanan Pembangunan Pulau Pinang and Plexus Manufacturing Sdn Bhd. A total of 5 counselors and 29 students took part.
- 23.4.2010 **Technical Dialogue with TNB**
A technical dialogue cum courtesy visit was paid to TNB and was attended by 33 corporate members to discuss and update on matters related to their area.
- 24.4.2010 **Professional Interview Workshop**
25 participants attended this informative Professional Interview Workshop which was held at IEM Penang Secretariat. The Panel Speakers included Ir. Prof. Ishak bin Abdul Rahman, Ir. Peter Chin Joo Negan, Ir. Thean Kah Kong and Ir. Saw Kean Thai.
- 24.4.2010 **Professional Interviewer Workshop**
9 participants attended this workshop and the speaker was Ir. Prof. Ishak bin Abdul Rahman.
- 25.4.2010 **Friendly Badminton Games**
Engineering Week ended on a friendly note with players from PAM, TNB, MPPP, JKR and IEM engaged in friendly badminton matches played at St. John Ambulans Malaysia and the Penang Buddhist Association badminton courts. IEM Penang walked off as Champion for the 2nd consecutive year.
- 6.5.2010 **Technical Talk on Project Management**
Bridgit Sdn Bhd sponsored the above talk at IEM Penang Secretariat and it was attended by 20 participants. Mr. Sunthar Raj was the speaker.
- 21.5.2010 **Technical Talk on Green Building Index**
40 members attended the above talk at IEM Penang Secretariat. The speaker was Ir. Beh Hong Pin.



- 22.5.2010 **Seminar on Reinforced Earth Technology for Aesthetic Appearance**
The above seminar held at Bayview Hotel was sponsored by Reinforced Earth Management Services Sdn Bhd with Ir. Tan Gee Hooi and Mr. Lee Hui Seng as speakers. A total of 47 members attended.
- 1 & 2.6.2010 **Course on Winning A Dispute in Construction Contracts**
A 2-Day Course on "Winning A Dispute Construction Contracts" was held at IEM Penang Secretariat and attended by 14 participants. The speaker was Mr. Yeoh Liang Chuan.
- 9.6.2010 **Technical Dialogue with JPS**
IEM Penang Secretariat held a Technical Dialogue with government body, JPS, for the benefit of its members to exchange and update on matters relating to the department. A total of 40 members attended.
- 9.6.2010 **Technical Dialogue with Indah Water Konsortium**
Indah Water Konsortium Sdn Bhd jointly with IEM Penang Branch organised a short briefing on the above which aimed to assist consultant engineers submitting sewerage development proposals to the authority for approval. A total of 36 members attended the talk held at IEM Penang Secretariat.
- 14 & 15.6.2010 **Course on Fire Engineering Services**
16 members attended the course held at IEM Penang Secretariat. The speaker was Ir. Gary Lim Eng Hwa.
- 16 & 17.6.2010 **BEM Course on Code of Ethics**
23 participants attended the above course which was held at IEM Penang Secretariat. Cdr (Rtd). Ir. Raymond Swa was the speaker.
- 24.6.2010 **Technical Talk on NEXTMap Malaysia – The Countries First Cloud Free and Uniform High Resolution Terrain Dataset in 3D**
This talk was jointly organised with Geospatial Consultant at IEM Penang Secretariat and attended by 14 participants. The speaker was Mr. Jan Schoderer.
- 29.6.2010 **Technical Visit to Superinox Pipe Industry Sdn Bhd**
Attended by 25 members and led by Moderator, Ir. Peter Chin Joo Negan, this visit to Superinox Pipe Industry Sdn Bhd in Juru, was the second technical visit organised by IEM Penang Secretariat for this year.
- 20 & 21.7.2010 **Course on Claims & Disputes in Construction Contracts: Nature, Principles, Practice & Resolution**
The 2-Day course was jointly organised with IEM Training Centre Sdn Bhd at IEM Penang Secretariat. The speaker was Ir. Harbans Singh.
- 22.7.2010 **Talk on New Wall System**
UAC Berhad organised the above talk at Bayview Hotel and attended by 26 IEM members. The speaker, Mr. Alvin Chong gave a very interesting evening talk with power point presentations followed by buffet dinner at the hotel for all participants
- 7.8.2010 **Talk on Penang Heritage Talk No. 1**
The above talk held at George Town World Heritage Office was co-organised with CIDB. Pn Maimunah bt Mohd Sharif and Dr. Gwynn Jenkins were the speakers. A total of 20 IEM members attended the event. After the talk, there was a visit to Khoo Kongsi, Muzium of Islam and a memorial of Dr Sun Yat Sen.
- 22 - 26.9.2010 **Technical Visit to Hong Kong**
The Branch organised this 5 days 4 nights technical visit to Hong Kong with 19 IEM members. It was successfully organised with assistance from Hong Kong Institute of Engineers – Geotechnical Division.
- 9.10.2010 **Seminar on Application of Infra Suite 2010**
46 participants attended the above seminar which was held at IEM Penang Secretariat. Mr. Chee Shai Choon was the speaker from C & S Software Solutions Sdn Bhd.



- 15.10.2010 **Talk on The Engineer in Malaysia: Understanding the Liabilities of a Professional**
- The above talk was a joint effort by Marsh Insurance Brokers (M) Sdn Bhd and IEM Penang Branch. Altogether there were 2 speakers, Mr. Devakumaran Painisamy and Ms. Evarine Low. 36 participants attended.
- 27.10.2010 **Seminar on Proper Pump Operation – The Way to Reduce Operation Cost**
- Winston Engineering Corpn Sdn Bhd conducted the above seminar at IEM Penang Secretariat and it was attended by 34 members. The speaker was Mr. Reggie Goh.
- 1 & 2.11.2010 **BEM Course on Safety & Health at Work**
- The above BEM Mandatory Course was held at IEM Penang Secretariat and attended by 21 IEM members. The speaker was En. Ahmad Nazri bin Hj Abdul Azid.
- 3 & 4.11.2010 **Course on Plumbing Engineering Services**
- The above 2 Day course jointly organised with IEM Training Centre Sdn Bhd had a total of 28 participants . The course was held at IEM Penang Secretariat. The speaker was Ir. Gary Lim Eng Hwa.
- 11.11.2010 **Seminar on Pumps (RITZ) & Valves (TOZEN), Selection & Application**
- Mr. Thomas Eeo, Mr. Wong K.K, Mr. TK Ng and Mr. Derek Foong were the speakers for the above full day seminar which was held at IEM Penang Secretariat.
- 21.2.2 The membership of the Penang Branch is recorded at 1229 as at 1.3.2011.
- 21.2 **Southern Branch**
- 21.2.1 Ir. Mohd. Khir bin Muhammad, served as Chairman for the session 2010/2011. The membership of the Branch now stands at 1948. The following activities were conducted by the Branch.
- 16.1.2010 A Technical Visit to Changi Water Reclamation Plant, Singapore was organised by IEM Southern Branch for members.
- 6.2.2010 A One-Day Seminar on “Contract Administration” by Assoc. Prof. Dr. Philip Chan Cheun Fye of National University of Singapore was jointly organised with the Asian Concrete Construction Institute (ACCI) at the Grand Paragon Hotel, Johor Bahru.
- 6.3.2010 A One-Day Seminar on “Concrete Technology” was jointly organised with the Asian Concrete Construction Institute (ACCI) at the Grand Paragon Hotel, Johor Bahru.
- 13.3.2010 A “Gotong Royong” visit to Johor Cheshire Home was organised by IEM Southern Branch and supported by Tadika Xaris. Members including young engineers and students were present to lend a helping hand in cleaning the Home. IEM (SB) also organised a donation drive among the members and the public, for this event.
- 27.3.2010 A Half-Day Talk on “New Wall System & Steel Structure”, presented by UAC Berhad at the Mutiara Hotel, Johor Bahru.
- 21.4.2010 Engineering Week 2010 – In conjunction with Engineering Week, Professional Interview Workshop on “Route to be MIEM/P.Eng” was conducted at UTM, Johor.
- 24.4.2010 A One-Day Seminar on “Design and Build” was jointly organised with the Asian Concrete Construction Institute (ACCI) at the Grand Paragon Hotel, Johor Bahru.
- 8.5.2010 A technical visit to Resort World Sentosa, Singapore (Integrated Resort) which is a \$6.6 billion project completed within 2 ½ years was organised by IEM Southern Branch for members.
- 15.5.2010 A Half-Day Talk on “Design and Application of ABS Pipes and Fittings”, presented by Euratech (Malaysia) Sdn Bhd was held at the Zon Regency Hotel, Johor Bahru.
- 18 & 19.5.2010 2-Day Seminar on Plumbing Engineering Services, was organised by IEM Training Centre Sdn Bhd supported by IEM Southern Branch at the Mutiara Hotel, Johor Bahru.
- 22.5.2010 The 6th Inter-Branch Golf Games between Southern, Melaka and Negeri Sembilan branches, was hosted by Southern Branch at the Octville Country and Golf Resort, Johor Bahru; golfers from The Institution of Engineers, Singapore (IES) also participated in the event. We are proud to announce that Southern Branch team has again won the overall game and the Challenge Trophy will stay with us until the next game.



- 12.6.2010 A Half-Day Talk on “Improving Indoor Air Quality with the Efficient Way”, presented by Bry-Air (Malaysia) Sdn Bhd was held at the Grand Paragon Hotel, Johor Bahru.
- 26.6.2010 The 37th Annual General Meeting (AGM) of the Southern Branch was successfully conducted at the Persada International Convention Centre, Johor Bahru with a total of 90 corporate members and 12 graduate members at the meeting.
- 26.6.2010 Talk on “Steel Structure : An Alternative When There Are No Alternatives” by BlueScope Steel (M) Sdn Bhd in conjunction with the 37th Annual General Meeting (AGM) of IEM (Southern Branch) was arranged at the Zon Regency Hotel, Johor Bahru, Johor.
- 10.7.2010 The 37th Annual Dinner was held at the Zon Regency Hotel, Johor Bahru, Johor. The dinner was graced by the presence of the Sultan of Johor, Duli Yang Maha Mulia Sultan Ibrahim Ibni Almarhum Sultan Iskandar. Also present was the IEM President, Dato’ Ir. Prof. Dr. Chuah Hean Teik and the Vice President of the Institution of Engineers, Singapore (IES) Er. Chong Kee Sen. Members and guests were entertained throughout the evening with live band performances. The Branch also presented the Academic Awards to the children of IEM (Southern Branch) members. The aim of this Academic Award is to promote academic excellence through the recognition of outstanding achievements in UPSR, PMR, SPM & STPM examinations.
- 24.7.2010 A Half-Day Talk on “Roadwork Design in 3D Using Civil Plus” was presented by Precision Design Solution (M) Sdn Bhd at the Ponderosa Golf and Country Club, Johor Bahru.
- 7.8.2010 A technical visit to Iskandar Housing Project was organised by IEM Southern Branch’s Young Engineers Section for members.
- 21.8.2010 A Half- Day Talk on “Solar Photovoltaic Energy System for Green Building”, was presented by Ditrolic Sdn Bhd at the Thistle Hotel, Johor Bahru.
- 28.8.2010 A Half Day Talk on “Various Ground Improvement Methods”, presented by Menard Southeast Asia at the Zon Regency Hotel, Johor Bahru was well attended.
- 1.9.2010 A Ramadan Buka Puasa function was organised for IEM members and their family, friends and guests at the Johor Country Club, Johor Bahru.
- 1.10.2010 An Official Handover Ceremony of “Bangunan Ingenieur IEM Cawangan Selatan” at Universiti Teknologi Malaysia, Skudai was held on this date. The ceremony was officiated by UTM’s Vice-Chancellor, Y.Bhg. Dato’ Prof. Ir. Dr. Zaini bin Ujang. The official handover letter was signed with the Branch Chairman Ir. Mohd. Khir Muhammad and witnessed by the IEM President, Y.Bhg. Dato’ Prof. Ir. Dr. Chuah Hean Teik.
- 16.10.2010 A 1-Day Workshop on “Stability Assessment of Slope During Rainfall: Analyses and Measurement” by Ir. Professor Harianto Rahardjo, School of Civil and Environmental Engineering, Nanyang Technological University, Singapore was jointly organised with the Asian Concrete Construction Institute (ACCI) at the Zon Regency Hotel, Johor Bahru.
- 23.10.2010 A 1-Day Short Course on “Engineering Failure Analysis” by Prof. Dr. Mohd Nasir bin Tamin, Head of Computational Solid Mechanics Lab, Faculty of Mechanical Engineering, UTM, Johor was organised by IEM Southern Branch’s Young Engineers Section at UTM, Skudai, Johor.
- 13.11.2010 A Half Day Talk on ISO was presented by CI Certification Malaysia Sdn Bhd at the Zon Regency Hotel, Johor Bahru.
- 4.12.2010 Bowling Contest was jointly organised with IEM Southern Branch’s Young Engineers Section for its members at the Daiman Bowling Centre, Johor Bahru.
- 11.12.2010 A Half - Day Talk on “Steel Structure: Essentials In Selecting Pre-Engineered Steel Building Solutions”, was presented by BlueScope Steel (M) Sdn Bhd at the Mutiara Hotel, Johor Bahru.

21.3 Sabah Branch

- 21.3.1 A total of 10 Executive Committee meetings were held during the session. Numerous luncheon and afternoon meetings involving key office bearers were also held to resolve urgent matters from time to time.
- 21.3.2 Ir. Teo Chee Kong was re-elected as Branch Chairman for the 2010/2011 session when the Branch had its 36th Annual General Meeting at the IEM (S) Training Centre. This was held on 30 October 2010. The total branch membership stood at 1183.
- 21.3.3 During this session, several courtesy calls were made to government agencies and Ministries such as to JKR Director, Datuk Ir. John Anthony and DID Director, Ir. Ng Chee Hing on 9 April 2010 and 15 April 2010 respectively. There were also courtesy calls on Assistant Minister of Local Government and Housing, YB Datuk Ir. Edward Yong on 4 May 2010, and courtesy call on Deputy Chief Minister cum Minister of Infrastructure Development Sabah, YB Tan Sri Joseph Pairin Kitingan on 6 May 2010. Other courtesy calls included to the Assistant Minister in the Chief Minister’s Office, Datuk Edward Khoo on 9 May 2010 and to the President of Sandakan Municipal Council, Datuk Ir. James Wong on 11 October 2010.



- 21.3.4 Early year of 2010, the branch submitted the names of engineers to be represented in the various local authority offices as Councilors. Unfortunately, the list will only be considered in the next council line-up. Nevertheless, the branch had requested to have its members to be sited in meetings as observers. MLGH is currently looking into the branch's request.
- 21.3.5 IEM Sabah had successfully organised the Fund Raising dinner on 15 May 2010 which was intended to fund the building of a training centre at KKIP. From the event, the branch managed to collect RM330,000.00 with the total amount collected to date at RM800, 000.00.
- 21.3.6 A trip was conducted by IEM Sabah Branch to Sandakan. This was held on 11 October 2010. Programmes lined-up during the visit were the courtesy call on President of Sandakan Municipal Council, technical visit to Biomass and Bioenergy plants and meeting with the East Coast of Sabah. With the assistance of IEM Sandakan liaison officers, Ir. Raymond Hiew and Ir. Lou Chi Nam, all three agendas were successfully executed.
- 21.3.7 The Branch had been trying to reach out to all engineers via emailing. This was due to the escalating cost of postages and the slow arrival of mails to members. Currently, 60% of Sabah Engineers have e-mail addresses. The branch had been also trying to formulate and design an effective website for Sabah members which included the on-line verification of CPD.
- 21.3.8 The Sub Committee on Professional Interviews had handled new PI applications with the total of 18 applications processed. These consist of 10 from civil, 1 mechanical, 6 from electrical and 1 chemical disciplines. To date, there were 3 applications pending for appointment of interviewers, 8 applications are in progress, 10 applications were referred back to head office and 1 outstanding case.
- 21.3.9 The Young Engineers Section (YES) led by Engr. Daniel Wong Chen Eng for this session had successfully organised several activities. These included the launching of IEM-UMS Student Section on 30 March 2010. The main aim in setting up the section was to guide young aspiring engineers on the route to become professional engineers. Besides, the UMS students, who were associated with the YES, Sabah Branch members also attended the Shell Eco-Marathon competition in July 2010. Students were equipped with their prototype vehicle and uniform partially sponsored by IEM. The YES had also requested for more induction courses. The Branch would be taking up this task and would work with ACEM.
- 21.3.10 The 10th IPB Games 2010, supposedly to be held in year 2010 and to be organised by Malaysian Medical Association Sabah Branch had been postponed. MMA had recently contacted other NGOs involving in the IPB Games to assist and to take over the task.
- 21.3.11 The IEM Fellowship Golf 2010 was held on 9 October 2010 involved 39 engineers and invitees. The event was fully sponsored by Bluescope Lysaght Sabah. The sport was made possible with Ir. Wong Shun Khing leading the organising team assisted by Ir. Ng Loong Fah and Ir. Tang Kok Yon.
- 21.3.12 The Branch had successfully organised seven technical visits namely to Colorcoil Industries S/B Factory at Telipok on 6 March 2010, Steel Industries factory on 8 May 2010 and several others including to the Royal Malaysian Navy Base in Sepanggar Bay on 23 October 2010. There were also plans by the branch to have technical visit overseas such as to Japan and Singapore for the following year.
- 21.3.13 During the session, the Sub Committee on Seminar and Training had collaborated with SEA, SESB and ACEM in organising various courses and talks. The branch had also supported a year end conference named "GeoTropika", organised by UTM Space. This was held from 1-3 December 2010.
- 21.3.14 IEM Sabah Toastmasters Club, elected Engr. Shaji Sugathan as its President. Due to the low number of members, the club had once again embarked on a membership drive to improve its membership. Members joining the club could participate in their activities and would be awarded various CPD hours. The monthly meeting was held on every third Thursday, of the month at 7.30pm. Their place of gathering was at the IEM Sabah Secretariat office, Damai Point.
- 21.3.15 The UMS Liaisons Committee was chaired by Prof. Dr. Rusalam Sarbatly, the Dean of School of Engineering and IT. He was assisted by Engr. Rachel Mansa and Engr. Chua Bih Lih, both lecturers of UMS. Among activities undertaken by the Sub Committee were launching of the UMS IEM Student Section on 30 March 2010 and sponsorship of the UMS team to Shell Eco-Marathon Asia Pacific Competition at Sepang International Circuit, Kuala Lumpur from 7-10 July 2010. There was also a talk on "Professionalism in Engineering" briefed by Ir. Paul Yap and Ir. Benny Soong on 21 August 2010 during their open day. The Sub Committee had also organised the IEM Student Section meet between UMS and Curtin University, Miri. The visit included a stopover at IEM Miri Branch and Shell Sarawak Berhad.
- 21.3.16 The 33rd Annual Dinner was held on 28 November 2010 at the Grand Ballroom, Magellan Sutera Harbour Resort, Kota Kinabalu. The guest of honour of that night was YB Datuk Masidi Manjun, Minister of Tourism, Culture and Environment. His presence was in line with the theme of the event being "Sustainable Green Engineering". The highlight of the programme was the handover of the chain of office from the Immediate Past Chairman, Dato' Ir. John Chee, to Ir. Teo Chee Kong, the incoming Chairman. The latter proceeded in introducing his executive committee line-up for the new session of 2009/2010.
- 21.3.17 The IEM Training Centre at KKIP submission of DP and BP were made through architect firm, Arkitek ADK. These plans were duly approved by the relevant authorities. During the session, tender on piling works was also made via the surveyor office, Perunding Kontrak Ting. Piling works was recently awarded to Pembinaan DGE at a contract price of RM 65,548.00. Recent contributions towards the realisation of the training centre were by ACEM panel members, PY Konsep Perunding S/B, Perunding Era Daya Sdn Bhd and Noa Consult.



- 21.3.18 The Committee on Regulating the Clerks of Works and Supervisors had a meeting with City and Guilds. A presentation on the various subjects and syllabus offered by them was made. Following from the meeting, the Committee refined their course structures. With the near completion of the structures of the course, the event should commence next year. Nevertheless, the Sub Committee faced obstacles in getting lecturers. Engineers had been invited to contribute in an effort to improve the delivery service of engineering supervision.
- 21.3.19 Lady Engineers Sub Committee headed by Engr. Shevon Chia had enhanced the efforts to reach the lady engineers residing in Sabah. This could be seen with the set up of a facebook account for this purpose. Unfortunately to date, the numbers responding to the Sub Committee's request remained minimal. Nevertheless, a gathering would be planned soon.
- 21.3.20 IEM Sabah Branch had also participated in numerous meetings with governmental and non-governmental departments. These meetings intended to assist in the developments of the nation vis a vis the need to ensure that engineers and the engineering profession plays an important role in nation building. Among the meetings are DBKK High Risk Development Technical Sub Committee Meeting, DBKK Traffic Impact Sub Committee Meeting and others.

21.4 Sarawak Branch

- 21.4.1 The Branch had its 42nd Annual General Meeting on 26 June 2009 at Auditorium, Ultimate Professional Centre. Ir. Dr. John Panil, continued as the Branch Chairman for the second consecutive session. His term of office would end on 26 June 2011. A total of 127 members attended this AGM.

The total membership of the Branch is now at 1613.

- 14-15.12.2009 GBU Consultant presented a Two-Day Course on: "Ground Improvement Techniques and Case Histories" in collaboration with IEM (Sarawak Branch). The Two-Day Course was presented by international speakers from France, Mr Serge Varaksin, Ir. Kenny Yee (Malaysia) and Dr. Chu Jian (Singapore).

The course objectives were to introduce the latest development in ground improvement techniques, discuss the design and construction aspects of common ground improvement methods and illustrate the applications of various ground improvement techniques using case histories in Malaysia and elsewhere around the world.

- 22-24.2.2010 The IEM (Sarawak Branch) worked with Syarikat Energy Berhad to organise a 3-Day Course on: "Distribution Substation Design" held at Regency Rajah Court Hotel, Kuching. The purpose of this course was to address the design issues of 33/11 kV distribution substations, particularly the open terminal type by bringing to focus the important factors in the selection of busbar configurations, layout of primary equipment, impact of transformers, circuit breaking and enclosure technology, lightning shielding, insulation coordination principles, protection and earthing. The course speaker was Ir. Thum Peng Chew.

- 17.6.2010 Ir. Assoc. Prof. Dr. Chiew Sing-Ping presented the 2nd Steel Lecture Series 2010 – "Steel in Modern Construction – Understanding Materials, Failures and Future Developments". This event was jointly organised with Universiti Malaysia Sarawak, and Curtin University of Technology. The sponsors were Bluescope Steel and EcoSteel.

- 26.6.2010 The Course was designed for building professionals who wished to refresh and gain a deeper understanding of the design and construction of structural steelwork in buildings.

Ir. Wong Siu Hieng and Ir. Alan Tan Khiok Chun presented a talk on: "MSMA-Manual Saliran Mesra Alam/Urban Stormwater Management Manual for Malaysia". The talk received approximately 110 registrations amongst the fellow engineers. It was held at the Auditorium, UPC followed by the 42nd Annual General Meeting on the same morning. 127 attended the AGM.

- 28.7.2010 A Half-Day Seminar on: "Reinforced Earth Technology for Aesthetic Appearance" by Ir. Tan Gee Hoi was held at Auditorium, UPC. The talk unraveled the features, advantages, applications and components of the Reinforced Earth System, a technology with an enviable 40 years track record.

- 29.7.2010 Workshop on: "Ground Improvement Techniques on Peat Soil in Sarawak" was co-organised with Universiti Tun Hussein Onn Malaysia and the IEM (Sarawak Branch) with Universiti Malaysia Sarawak being the main organiser. The Workshop was organised to enhance the knowledge of participants on state of art of ground improvement techniques that is useful to be considered in designing and construction of engineering structures in Sarawak peat soil.

- 31.7.2010 Dialogue between Board of Engineers Malaysia and Sarawak engineers was successfully organised and attended by some 170 engineers at Pullman Hotel, Kuching.

- 5-6.8.2010 A 2-Day Course on: "Fundamental Project Management" by Ir. Frankie Chong was held at Auditorium, UPC. This intensive program combined a practical and theoretical approach by emphasizing the essential principles with working examples, real-life experiences, complemented by demonstration of popular software tools.



- 19.8.2010 A 1-Day Seminar on: "Autodesk Solution for Multi-Disciplinary Practices-Design Intuitively, Work Seamlessly, Deliver Efficiently" was jointly organised with Projeqz Initiatives Sdn Bhd. The product highlighted at the seminar were Revit Structure, AutoCAD MEP and AutoCAD Civil 3D and the seminar was presented by Mr. Ho Chow Jin, Mr. Noah Arles and Mr. Naveen Bhat.
- 23-25.8.2010 The 3-Day Course on: "Protection and Commissioning of Power Transformers" was given by Ir. Lee Chong Kiow. This short course was intended mainly for the benefit of all electrical engineers and other technical staff who were interested in enhancing their appreciation of this basic and exciting aspect of power system protection and commissioning of transformers.
- 20-21.9.2010 The 2-Day Course on: "Plumbing Engineering Services" was delivered by Ir. Gary Lim to approximately 19 fellow engineers at Auditorium, UPC.
- 16.10.2010 A talk on: "Route to Professional Engineer" was held at the Swinburne University of Technology. The aim of the talk was to enlighten graduate engineers, academicians with an engineering degree as well as students on the importance of obtaining their professional status and understanding the routes, which could be available to them.
- 16.10.2010 The YES 1st Annual Dinner was held at the White Rajah Restaurant, Rajah Court on the same day at 6:30pm. The theme for the dinner "An Evening to Relax and Reconnect" was to promote IEM (Sarawak Branch) as a society for engineers and to further strengthen the bond between professional engineers, graduate engineers, academicians and students as well as to provide networking opportunities. Both events were successfully organised by YES Sarawak Branch and in collaboration with Swinburne University of Technology and Universiti Malaysia Sarawak.
- 18-20.10.2010 Ir. Ali Askar Sher Mohamad presented a Course on: "Project Management Fundamentals" at Grand Continental Hotel, Kuching. The objectives of this 3-Day Course was to benefit all engineers and other technical staff whose duties included working on, or managing projects, and who may be required to implement projects in their organisations, apart from their normal function duties.
- 13.11.2010 A Half-Day Technical Site Visit to Bengoh Dam, Puncak Borneo, Kuching was organised to appreciate the design and construction of the Bengoh Dam.
- 15.12.2010 An Engineering Series Talk by IEM (Sarawak Branch) was organised to some 70 engineers at Auditorium, UPC. The objectives were to inform participants on the functions of the Department of Safety & Health which is to create awareness on the importance of Occupational Safety & Health and to stress on the importance of Safety & Health in the workplace, factories and construction sites. The invited speaker was Ir. Haji Dasuki Bin Mohd Heak, Director of Department of Safety & Health, Sarawak.
- 24-26.1.2011 Back by popular demand, the Course on: "Project Management Fundamentals" by Ir. Ali Askar Sher Mohamad was organised once again at Grand Continental Hotel, Kuching.

21.5 Eastern Branch

- 21.5.1 The Branch Chairman for the session is Ir. Hj Roslan bin Abd Azis. The Branch Office had moved to Kuantan Pahang. IEM Eastern Branch consisted of Pahang and Kelantan and used to operate in Kota Bahru, Kelantan two years ago.
- 21.5.2 The Branch received a total of RM20,176/- (allocation from the Head Office was at RM12,698/- and RM7,478/- from the previous Committee in Kelatan). The new account was opened at the Bank Islam Malaysia, Kuantan Branch.
- 21.5.3 The Chairman with few Committee members made a courtesy call to JKR State Director, Dato Rosman bin Yahya and JBA State Director, Dato Zahari bin Mat Isa. Both gentlemen pledged to encourage their engineers to join the IEM and would do their best to help the Branch in any possible way they could.
- 21.5.4 The Committee agreed to organise a charity dinner and golf tournament for March 2011 to raise funds for the Branch activities.
- 21.5.5 The Branch had also arranged for a demonstration on application of HDPE Fittings by Electrofusion on 22 April 2010 and attended by 24 members. The demonstration was conducted by En Hisham of Megapadu Sdn Bhd as to how the electrofusion work.
- 21.5.6 A technical visit was arranged to Kompleks Sukan UIAM, Kuantan on 3 June 2010. The complex was under construction and the group was given briefing by the Resident Engineer, Ir. Razali Ahmad. The visit was headed by Ir. Ahmad Kamal Kunji. This project consisted of multi-purpose sport building, mini stadium and international size swimming pool. At the time of the visit the project was only 65% completed.
- 21.5.7 A group of 17 branch members led by Ir. Ahmad Kamal Kunji visited the Bukit Penggorak Quarry Plant, Kuantan, Pahang. The plant is owned and operated by JKR.



- 21.5.8 Another technical visit was organised by the Branch to MTBE (M) Sdn Bhd at Gebeng, Kuantan, Pahang on 22 July 2010 and attended by 22 participants. Again the trip was led by Ir. Ahmad Kamal Kunji. MTBE is a long established petrochemical plant mainly owned by Petronas. The session was initiated with a briefing on safety and then followed by a presentation by the General Manager on the history, function and operation of the plant. The members were then taken to visit the plant which included the control room.
- 21.5.9 The Branch in collaboration with LAFARGE Cement Sdn Bhd organised a half day seminar on “Good Concrete Requirement for Quality Construction” at the Hyatt Regency Resort, Kuantan, Pahang on 12 October 2010. A total of 81 participants attended this seminar. The speakers were Prof Dr Wee Tiong Huan of National University of Singapore and Ms Wong Ai Ming, Manager Technical of LMC.
- 21.5.10 On 27 October 2010, two sessions of demonstration software were organised and attended by 18 participants. The first session was presented by Cadinfo Consultant on new drafting software known as ZWD whilst the second session was presented by CSC World on design software known as Orion.
- 21.5.11 The Branch organised a demonstration on infra applications as one stop total solution for infra work on 11 November 2011. The demonstration was conducted by MES Innovation Sdn Bhd.
- 21.5.12 One of the Branch activities is to keep its members updated on technology advancement and hence once again two sessions of software demonstration was organised on 21 December 2010. The 1st session was hosted by Esteem Innovation Sdn Bhd and was presented by Mr Richard Ting on building structural design software whilst the second session was presented by Mr Kuga from Bently MXRoad on road work design software.
- 21.5.13 Membership drives were conducted at Universiti Malaysia Pahang in April and May respectively while in December 2010, the membership drive was at Politenik Sultan Ahmad Shah (POLISAS) Kuantan, Pahang. The membership of the Branch is at 1277.
- 21.5.14 As usual throughout the year, the Branch continued to manage the Professional Assessment Examination and the Professional Interview for engineers from the state of Pahang and Kelantan. For the session, 25 members took the Professional Interview.
- 21.5.15 The Branch is considering to form separate branches in Kelantan and Pahang. The Branch Committee is also planning to host the annual dinner on the night of the Branch AGM in March 2011.

21.6 Perak Branch

- 21.6.1 The Chairman of the Branch, Ir. Dr S. Ganeindran retired on January 2011. Ir. Assoc Prof. Dr Md. Azlin bin Said was elected as the Chairman of the Branch. The membership of the Branch as at 30 March 2011 stands at 1497. The break down was recorded as follows:

| Grade | 2011 | 2010 | 2009 |
|---------------------|-------------|-------------|-------------|
| Hon Fellow | 2 | 0 | 0 |
| Fellow | 21 | 18 | 18 |
| Member | 313 | 303 | 315 |
| Incorporated Member | 3 | 1 | 1 |
| Associate Member | 3 | 4 | 3 |
| Affiliate | 2 | 0 | 0 |
| Graduate | 419 | 327 | 325 |
| Student | 734 | 765 | 751 |
| Total | 1497 | 1418 | 1413 |

- 21.6.2 Eleven Committee meetings were held during the session to look into the management and activities of the Branch
- 21.6.3 A total of 27 candidates had been assigned to the Branch to conduct their Professional Interviews.
- 21.6.4 Announcements on the up-coming activities were circulated to members from time to time during the year.
- 21.6.5 For this session, the activities organised by the Committee were as follows :-

3 & 4.2. 2010 **SSCDF Outreach Programme On Think Global Act Local & Successful Service Exporting**

The Seminar was held at Tower Regency Hotel, Ipoh with 50 participants. It was organised by IEM Training Centre Sdn Bhd.

28 – 29.4. 2010 **Seminar on “Towards Sustainable Road Safety Design”**

The Seminar was held at Hotel Impiana, Ipoh with about 87 participants. The event was organised with Jabatan Kerja Raya Perak.



23.6. 2010 **Half Day Briefing & Dialogue with SPAN**

The Seminar was held at Lembaga Air Perak, Dewan Mesyuarat, 4th Floor, Jalan St John, Ipoh, with about 66 participants. The speaker was from Headquarters of Suruhan Jaya Perkhidmatan Air Negara.

26.6. 2010 **SSCDF Outreach Programme on Successful Service Exporting**

The Seminar was held at IEM Building, No 60B, Jalan Lapangan Siber 1, Bandar Cyber, 31350 Ipoh with about 30 participants. The speakers were Ir. Choo Kok Beng and Ir. Yim Hon Wa.

25.9.2010 **Sewerage Certifying Agency Premier Road Show 2010 by Indah Water Konsortium (IWK)**

The Seminar was held at IEM Building, No 60B, Jalan Lapangan Siber 1, Bandar Cyber, 31350 Ipoh with about 26 participants. The speakers were Ir. Surenthiran Narayanasamy and Ir. Hartini Ali.

30.9. 2010 **Seminar on "Lightning Protector Jointly Organised Together with the Perak Electrical Chargemen and Wiremen Competence Association**

The Seminar was held at Hotel Impiana, Ipoh with about 17 participants. The speaker was Ir Mak Ming Hung, Director of Lightning Protection System Sdn Bhd.

21.6.6 **Graduate and Student (YES) Section**

The YES of the IEM Perak Branch had been organising numerous meetings in order to facilitate the operation of the G&S Section. This included visits to charity homes and games among its members. The YES Perak Branch was also actively involved in organising the IEM Branch Annual Dinner 2009.

21.7 **Malacca Branch**

The Committee members for session 2010/2011 were elected at the 23rd Annual General Meeting which was held at Avillion Legacy Melaka on 16 January 2010. Ir. Mohd Khalid Bin Nasir continued as the Chairman for the second consecutive session. The Branch organised a half day Seminar on Reinforced Earth Technology For Aesthetic Appearance participated by 30 members on 24 April 2010.

21.7.1 **Committee Meeting**

There were 4 Committee meetings held in year 2009/2010.

21.7.2 The membership of the Branch was recorded as follows:-

| | | |
|-------------------|---|-----------------------------|
| Fellow Member | - | 10 |
| Corporate Member | - | 117 |
| Graduate | - | 207 |
| Student | - | 203 |
| Associates Member | - | 2 |
| Total | | <u>539 Members</u> ===== |

21.7.3 **Public Services**

Ir. Mohamed Salleh bin Yunos represented IEM Melaka Branch and attended the 'Mesyuarat Jawatankuasa Lalulintas & Pengangkutan' with Majlis Bandaraya Melaka Bersejarah (MBMB).

Ir. Mohamed Salleh bin Yunos represented IEM Melaka Branch at the AGM of the MMU Engineering Society and IEM-MMU (Melaka) Student Section held in July 2010.

21.8 **Negeri Sembilan Branch**

21.8.1 The Chairman of the Branch is Tuan Ir. Hj. Baharuddin bin Ahmad Nasir.

21.8.2 The Branch Annual General Meeting was held on 13 June 2009 at The Royale Bintang Resort & Spa, Seremban, Negeri Sembilan Darul Khusus.



21.8.3 The total membership of all grades of the Branch was noted as follows :-

| | | |
|--------------------|---|-------------|
| Fellow | - | 8 |
| Corporate Member | - | 158 |
| Graduate Member | - | 200 |
| Student Member | - | 292 |
| Incorporate Member | - | 1 |
| | | ----- |
| | | 659 Members |
| | | ----- |

21.8.4 The activities for the year were recorded as follows :

22 & 26.1. 2010 ***IEM SSCDF Outreached Programme – Think Global, Act Local and Successful Service Export.***

The programme was jointly organised with IEM Training Centre Sdn Bhd with the objective to prepare Malaysian engineers to register as ASEAN Chartered Professional Engineers (ACPE) and Registered Foreign Professional Engineers (RFPE) in conformity to the ASEAN MRA on Engineering Services. The speakers were Ir. Choo Kok Beng from IEM and Ir. Rocky Wong Hon Thang from ACEM. The event was attended by 30 members from Negeri Sembilan and Melaka.

26.6. 2010 ***SSCDF Outreach Programme on Successful Service Exporting***

The Seminar was held at IEM Building, No 60B, Jalan Lapangan Siber 1, Bandar Cyber, 31350 Ipoh with about 30 participants.

The speakers were Ir. Choo Kok Beng and Ir. Yim Hon Wa.

4.2.2010 ***Technical Visit to Jelebu – Triang Tunnel***

The visit was attended by 30 members and guests. The participants were briefed by the main contractor on the operation of TBM (Tunnel Boring Machine) and the safety aspects of the construction before visiting the tunnel.

9.2.2010 ***Professional Interview Workshop at Jimah Power Plant***

30 Jimah Power Plant's engineers attended the workshop.

23.2.2010 ***Technical Visit to Double Tracking Project***

The Branch members attended the KTM double tracking project from Seremban to Gemas. The main contractor is Ircon International Limited. The briefing was given by the representative of the project management consultant, KLIA Consult. 17 participants visited the Senawang station and viaduct at Sungai Gadut.

21.4.2010 ***Professional Interview Workshop for Government Servant***

The PI Workshop was attended by 40 engineers from the public sector. It was officiated by Director, JKR Negeri Sembilan and in his speech he encouraged the engineers to be members of the Institution and to sit for the PI to be qualified to register as Professional Engineers with Board of Engineers.

The workshop was conducted by Ir. Choo Kok Beng, Vice President of IEM.

15.5.2010 ***17th Annual General Meeting (AGM)***

17th Annual General Meeting of The IEM, Negeri Sembilan Branch was held at IEMNS Building. It was officiated by Y. Bhg. Dato' Ir. Prof. Dr. Chuah Hean Teik, President of The Institution of Engineers, Malaysia. In conjunction with the AGM, a very interesting talk on 'Jack-In Piling System' was delivered by Ir. Chang Kian Lee before the meeting.

23.6.2010 ***Seminar "Merentas Cabaran Merebut Peluang***

This half day Seminar was jointly organised with Jabatan Kerja Raya, Negeri Sembilan. About 400 participants, mainly contractors, attended.

10.8.2010 ***Technical Talk on Civil Engineering Innovations for the 21st Century Professionals***

The talk was given by Ir. Noor Azhar of Precision Design Solution (M) Sdn Bhd. 18 members attended.



- 21.9.2010 **Technical Talk on Combining Electronic Security Design and Security Procedures in a Gated Community**
- 24 participants attended the talk which was delivered by Mr Richard John Dimmick of GDSS Systems Sdn Bhd.
- 30.10.2010 **IEM-NS Branch Dinner 2010**
- About 500 members and guest attended the dinner including the IEM President. The Guest of Honours were Director General of Drainage and Irrigation Department and representative of Director General JKR / Board of Engineers Malaysia.
- 21.12.2010 **Technical Visit to Seri Pajam IBS Manufacturing Plant and Project Site**
- The technical visit included briefing of the design consideration by the consultant, slide show on manufacture and installation of IBS, tour of manufacturing plant and construction site.
- 21.8.5 The Branch also participated in the 6th Inter-Branche Golf Tournament (IEM- N. Sembilan – Melaka and Southern Branch) on 22nd May 2010 at Octville Golf & Country Club and emerged runner-up.
- 21.8.6 The Branch office at 77-A-1, Lorong Haruan 5/3, Oakland Commerce Square, Seremban, was operational from December 2009. The Annual General Meeting, monthly committee meetings, professional interviews, seminars and talks were all held at the new office.
- 21.9 **Miri Branch**
- 21.9.1 Ir. Peter Ting Kang Ngii continued as the Chairmanship of the Branch for another session. The Branch membership is at 206.
- 22.9.1 **The Executive Committee**
- In this session, twelve Committee meetings were held to manage the affairs of the Branch in accordance with our Constitution and Bylaws.
- 22.9.2 **Branch Office**
- Mr Loo Teck Chai is our Administrative Assistant for IEM, Miri Branch since February 2008. IEM Miri Branch's email address is iem_miri@streamyx.com and website address is www.iem-miri.org.my.
- The Branch Treasurer attended the 51st Annual General Meeting and Annual Dinner in Kuala Lumpur on 17 April 2010.
- 22.9.3 **Professional Development**
- Five candidates were interviewed (1 civil, 2 mechanical, 1 electrical and 1 chemical) for admission as Corporate Member of the Institution; The SSCDF outreach program was organised in Miri at Mega Hotel on 18-19 January 2010.
- A Workshop on Corporate Membership and P.Eng was held at IEM Miri office on 30 October 2010 and the speakers were Ir. Richard Teo and Ir. Dr. Lau HH.
- 22.9.4 **IEM/BEM Membership Drive**
- IEM / BEM Recruitment Drive was held at Nippon Oil Miri on 31 October 2010.
- 22.9.5 **Courses and Seminars**
- IEM Miri Branch successfully conducted API RP 571 Course from 22 to 23 February 2010. BEM Mandatory Course on Engineering Management was held in Pustaka, Miri on 21-22 April 2010, while Eurocode Seminar was held at the Dynasty Hotel on 21 May 2010 and Fire Engineering Services course was held at IEM Miri office on 23-24 September 2010.
- 22.9.6 **Technical Visits**
- IEM Miri Branch organised a technical visit to the Fired Absorption Chiller Plant, Bintang Mall on 16 January 2010 and another technical visit to Shin Yang Plywood was arranged on 22 May 2010.
- 22.9.7 **Fellowship & Community Outreach**
- Two newsletters had been published on April, August and the third publication should be published end of this year.
- On 21 August 2010, the Branch successfully organised "ENGINEER YOUR CAREER" in conjunction with the Engineering Week, consisting of Upper Secondary School, Science students from various secondary school in Miri, as well as their teachers and parents



IEM, Miri also conducted a public lecture jointly with Pustaka on Waste, Waste Treatment & Greening the World. The talk was presented by Dr. Tang Fu Ee. A total of 200 participants attended the talk on 27 July 2010. A Public Lecture on "Green Building for a Greener World" was held at Pustaka. The speaker was Dr. Jayakumar. A total of 100 participants attended the talk on 5 August 2010. A Third Public Lecture - presented by Ms. Lau Shiew Wei on "Green Building for a Greener World" was organised with Pustaka. A total of 100 participants attended the talk on 23 September 2010

The 2nd Annual Build & Break competition was held at Curtin University on 31 July 2010 and participated by 8 schools (26 teams) with a total of 150 students. SMK Dato Permaisuri emerged champion for the competition.

22.9.8 **Cost**

The Branch had the support of IEM HQ in the form of subsidy on membership subscription and an additional subsidy for administrative staff. The Committee had been mindful in the office expenditure and had tried to ensure that cost is within the income of the Branch.

The main income of the Branch is profit from courses, seminars and conferences, and this is driven by the need for Continuous Professional Development hours.

Collaboration with IEM Training Centre Sdn Bhd, a company set-up by IEM, generated profit on a sharing basis of 30% for the Branch and 70% to Training Centre.

22.9.9 **Community Outreach**

The Branch planned to use the internet to communicate with its members. This could reduce cost and speed up liaison and this proposal had been well adopted during the session.

Except for balloting, all future communication with regards to AGM, Special General Meeting would be through email. Newsletter would be posted on the website and hard copies of the newsletters would only be available at the Branch office.

22.9.10 **Social**

IEM Miri Branch donated RM1,000 worth of fish tanks and fishes to the Psychiatric Ward, Miri General Hospital as part of charity work on 20 July 2010. The ceremony was held at the hospital between the Psychiatric Unit personnel, Committee of IEM Miri and representatives from Mental Health Association of Sarawak (MHAS) Miri Branch.

IEM YES Miri Branch organised a visit to Kompleks Kebajikan Hamidah, Permyjaya. Activities included colouring competition, treasure hunt and lunch with 70 children at the complex on 17 July 2010.

21.10 **Kedah/Perlis Branch**

21.10.1 Ir. Hj Mohd Saiful bin Mohd Sohod took over the Chairmanship at the AGM held on 8 April 2010. The membership of the Branch is recorded at 934. A total of 43 number of members attended the AGM. The Branch conducted the following activities for the year 2010:

- 8.4.2010 A half day Technical Presentation on Synotsis Southern Steel Mesh was held at Hotel Star City, Alor Setar in conjunction with the 8th AGM of the Branch. A total of 43 members also attended the talk.
- 17.4. 2010 The Branch Committee members drove down to Kuala Lumpur to attend the Annual General Meeting and the Annual Dinner and Awards Night at the Sime Darby Convention Centre, Bukit Kiara, K. Lumpur. The Branch Committee had always supported this activity of the Head Office which organised the event for the entire membership of the Institution. The Branch bought a table for the annual dinner so that the members could have rapport with members from other branches and the Head Office. It was also for networking purposes.
- 4-6.10.2010 YES National Summit 2010 was organised by IEM YES Kedah/Perlis Branch in Kangar, Perlis. This event was a gathering of 30 young engineers who are leaders at IEM branches in Malaysia. This event was officiated by Chief Minister of Perlis. The Summit participants visited places such as Kuala Perlis, Unimap, Empangan Timah Tasoh, Taman Ular/Rimba Herba among others.
- 24.6.2010 A half day Technical Visit to IBS Project for Lembaga Hasil Dalam Negeri Malaysia was held and 38 members attended the visit. The briefing session was held at the Pejabat Tapak JKR Project LHDNM, Sungei Petani, Kedah.
- 22.7.2010 The haf day Seminar on Proses Pengambilan Balik Tanah mengikut Akta Pemngambilan Balih Tanag 1960 was held at the Dewan IEM of the Branch Office and attended by 28 members.



21.11 Terengganu Branch

- 21.11.1 Ir. Hj Rusli bin Embok retired as the Chairman of the Branch on 5 December 2010 handing over the Chairmanship to Ir. Mohd Azmi bin Ali. The membership of the Branch is now at 581. The Branch Secretariat is still based at Syarikat Air Terengganu Sdn Bhd (SATU), Jalan Sultan Ismail, Kuala Terengganu.
- 21.11.2 The 5th Annual General Meeting of the Branch was held on 10 January 2010 at the Terengganu Equestrian Resort, Kuala Terengganu and attended by 35 members while the 6th Annual General Meeting held on 5 December 2010 was held at the Primula Beach Hotel, Kuala Terengganu.
- 21.11.3 A total of 10 monthly Committee meetings were held with an average of 70% attendance by the Committee members. The Branch Committee meetings were held at different venues as Committee members host the meetings at various offices in rotation.
- 21.11.4 The website was created since the previous session and gradually enhanced. The aim of the website was to provide information to members and public on the activities of the Branch. An egroup was also formed in May 2010 for member to communicate amongst themselves. The egroup also broadcast news from the Head office. The address of the egroup is IEMTRG@yahoo.com. So far 147 members had been registered to the group.
- 21.11.5 The Branch had successfully organised technical talks, seminars and short courses for members and engineers throughout the session to assist members to achieve the required CPD. The Branch also arranged social activities to allow interaction between members, to socialise and to enhance awareness of healthy living among them.
- 21.11.6 The activities organised were :

25.3.2010 **Water Supply & Asset Management Seminar**

The seminar was held at the Primula Beach Resort, K. Terengganu on latest practices, technologies, solutions and regulations related to water supply and asset management.

18-19.4. 2010 **Training on Critical Path Method (CPM)**

The course by Microsoft Project Standard 2007 was organised at the Sumai Suite Hotel, K. Terengganu with 34 participants.

25.4. 2010 **Futsal Tournament**

The tournament was held at the Gelanggang Futsal Sports Plante Gong Badak, K. Terengganu.

16.5.2010

Another Futsal game was held at Mid Town Futsal, K. Terengganu between committee members and staff of WNA Consultant Sdn Bhd

28.8.2010 **Majlis Berbuka Puasa**

The social gathering was held at the Terengganu Equestrian Resort, Kuala Ibai, K. Terengganu.

2.10. 2010 **Majlis Hari Keluarga**

The event was also held at the Terengganu Equestrian Resort, Kuala Ibai, K. Terengganu. 350 members and family attended the event. The students who scored well in UPSR, PMR and SPM were awarded certificate and cash prizes. The records were:

5 in SPM
10 in PMR
5 in UPSR

28.11.2010 **Seminar on Pengkitan Perstasi Kerja dengan Amalan Kaizen**

The one day seminar was held at Terengganu Equestrian Resort, Kuala Ibai, K. Terengganu. This event was a joint effort with CIDB K. Terengganu, UiTM and BASRIM Sdn Bhd. The seminar was designed to provide good practical knowledge on various aspects of working habits.

21.12 Graduate and Student Section

- 21.12.1 Engr. Shuhairy Norhisham was elected as the Chairman of Graduate and Students, Young Engineers Section (G&S-YES) for session 2010/2011 on 19 June 2010 succeeding from Engr Roland Ngeow Yen Wan at the G&S-YES Annual General Meeting.
- 21.12.2 **Professional Development Portfolio**

On 1 April 2010, a One Day Business Writing Workshop on "Write Like A Professional" was conducted and attended by 60 members.

A technical visit to PETRONAS Philharmonic Hall was held on 7 May 2010, and attended by 20 members.

A Professional Interview Talk "Your Next Step - Career, Corporate Membership and Professional Engineer" was organised in conjunction with G&S YES 40th AGM on 19 June 2010 and attended by 75 members.

A Two Day Course on Fundamental Plumbing Engineering was held on 21 and 22 July 2010 and this event was attended by 37 members.

Another Two Day Fundamental Fire Engineering Course was held on 4 and 5 August 2010 and attended by 38 members.

G&S-YES had supported the AAET and IEM Training Centre in organising the Green Technopreneurs Workshop on 29 October 2010. This Workshop was attended by 40 members.

G&S-YES had also supported the AAET and IEM Training Centre to organise the International Energy Conference on 30 October 2010 and this Conference was attended by 200 members.

21.12.2 Social and Community Portfolio

On 6 February 2010, a social activity amongst YES with other professional was held in SKYTREX Extreme Challenge, Bukit Jalil. There were 35 participants at this event.

A small Young Professional Alliance Mini futsal game was held on 21 May 2010 and 25 members attended.

On 18 July 2010, G&S-YES as a part of IEM Family Day Organising Committee supported and helped the Standing Committee on Welfare and Service Matters to organise the IEM Family Day 2010. The main task for G&S-YES was to conduct a tele-match and an engineering booth game. There were 10 booth games prepared with very good response from members to this booths and games. It was estimated that more than 400 members attended this event.

G&S-YES celebrated the YES Hari Raya Gathering 2010 on 5 October 2010. All G&S-YES committee members, volunteers and IEM Secretariat were invited and 45 members were present.

On 14 November 2010, YPA Paintball gathering was held in Bukit Jalil and 40 members attended.

21.12.3 Publicity Portfolio

G&S-YES continued to promote and update their blog. A new YES blog address had been initiated. (<http://iemyes.blogspot.com>) for members to post the latest G&S-YES news. The G&S-YES Blog contained information of the activities conducted or organised by the G&S-YES. The portfolio kept members informed of the G&S-YES activities through their e-mail announcement group "IEMYESannounce@yahoo.com". YES also updated the events of IEM G&S, in the YES facebook.

21.12.4 Student Affairs Portfolio

On matters relating to student affairs, the G&S-YES continued to be actively involved in various projects at local universities through the Student Representatives Council (SRC). Several membership drives were organised and carried out in collaboration with the IEM Sub Committee on Membership Drives. G&S-YES Committees also participated and supported activities organised by the universities. The activities were :-

- SRC Camp organised by IEM SIR UNITEN Students Section – 26 to 28 February 2010 (30 members attended)
- Sharing Session at UTP – 26 August 2010 (80 members attended)
- Engineering Talk at UNITEN - 26 August 2010 (120 members attended)
- Sharing Session Careers in Engineering at UPM – 29 September 2010 (90 members attended)
- IEM Sarawak Membership Drive – 16 October 2010 (200 members attended)
- Engineering talk and sharing session at UM - 19 October 2010 (180 members attended)

21.12.5 Graduate Affairs Portfolio

Graduate Affairs Portfolio focused more on need of graduate members and organised series of talks and professional Interview workshops. Several membership drives and workshops on Route to Professional Engineers had been conducted throughout the year. The record were as follows:

- Professional Interview (PI) Workshop in conjunction with 40th AGM – 19 June 2010 (70 members attended)
- IEM Membership Drive at ALSTORM – 30 September 2010 (20 members attended)
- IEM Membership Drive at GAMUDA – 25 September 2010 (23 members attended)
- IEM Membership Drive at UEM – 16 October 2010 (18 members attended)
- Route to PE for Lecturer in Sarawak – 16 October 2010 (35 members attended)

21.12.6 External Affairs Portfolio

On 15 and 16 May 2010, G&S-YES in collaboration with other professional institutions and Balai Ikhtisas Negara (BIM) organised a BIM Professional Connects - Public Forum and the function was attended by 30 members.



YES National Summit 2010 was organised by IEM YES Kedah/Perlis Branch from 4 to 6 June 2010 in Kangar, Perlis. This was a very successful event with 25 young engineering leaders from all IEM branches in Malaysia. This event was officiated by Chief Minister of Perlis.

On 12 August 2010, G&S-YES received a group of 15 visitors from Temasek Polytechnic of Singapore and hosted a dinner for the delegate. 20 members were present.

IEM YES Sarawak successfully organised the G&S-YES & IEM YES Sarawak Branch Dinner on 16 October 2010. 250 members were at the dinner.

On 24 September 2010, a gathering with young lawyers was organised and only 15 members attended.

The 17th meeting of the Young Engineers of the ASEAN Federation of Engineering Organisations (YEAFFEO) was held from 30 November 2010 to 2 December 2010 at Hanoi, Vietnam. 17 YES members represented Malaysia for the YEAFFEO event. G&S-YES also the Secretariat of YEAFFEO, played a significant role in gathering together all the ASEAN young leaders of the engineering profession for an event. On 1 December 2010, in Hanoi, Vietnam, the first 43 young engineers from 8 countries submitted their applications to be Young Engineers of the ASEAN Engineers Register and upon approval, these engineers could use the title Associate ASEAN Engineers. Their applications were approved at the 20th AER Commission Meeting and later at the 28th AFEO Governing Board Meeting.

On 3 December 2010, a visit to Ha Long Bay, Vietnam was arranged for the Young Engineers from Malaysia and this event was attended by 17 members.

22 TECHNICAL DIVISIONS

22.1 Building Services Technical Division (BSTD)

- 22.1.1 Ir. Phang Chen Faut was re-elected as the Chairman, Ir. Lim Chean Fung, as Deputy Chairman and Ir. Gary Lim Eng Hwa as the Advisor of the Technical Division for the session 2010 / 2011 during the 235th meeting of the Division held on 1 July 2010.
- 22.1.2 The 24th Annual General Meeting was held on 14 August 2010 and attended by 76 members. The talk on "Fundamentals of District Cooling" presented by Mr. Danny Tan Hong Khai was held prior to the AGM and attended by 89 members.
- 22.1.3 The Chairman and members of this Division continued to play an active role in organising the IEM Annual Golf Competition for the year under review. The activities organised by the Division were summarised in the summary sheet of this Annual Report.
- 22.1.4 The Division continued to maintain a leading role on promoting closer interaction and co-operation amongst the various professional groups such as governmental agencies, professional bodies, academic institution and universities by serving as committee members in these organisations.
- 22.1.5 As in the past the committee members also served actively in various activities related to the Division like drafting of Malaysia Standard with SIRIM, as IEM representative in CIDB and in various government agencies. The Division also continued with the close rapport with MASHRAE, the local counterpart of American Society of Heating, Refrigeration and Air-Conditioning Engineering, UK in organising joint activities for members. Numerous write-up on evening talks, courses and seminars were also published in the IEM Bulletin for the benefits of members who were unable to attend.
- 22.1.6 The details list of activities of the Building Services Technical Division were also summarised in the summary sheets of the Annual Report for information.

22.2 Chemical Engineering Technical Division (CETD)

- 22.2.1 Ir. Assoc. Prof. Dr. Abdul Aziz Abdul Raman took over the chairmanship from Ir. Hj. Tunai Shamsidi bin Ahmad for the session 2010/2011. Ir. Assoc. Prof. Dr. Thomas Choong Shean Yaw was elected as the Deputy Chairman of the Division for the session. The position of Chairman and Deputy Chairman was elected at the 136th meeting of the Division held on 21 August 2010.
- 22.2.1 The 24th Annual General Meeting of the Division held on 9 October 2010 was attended by 73 members. Prior to that, 98 members attended the talk on "Carbon Footprint Reduction for Cleaner Production" presented by Ir. Assoc. Prof. Dr. Dominic Foo Chwan Yee.
- 22.2.2 The activities of the Division were tabulated in chronological order in the summary sheet of this Annual Report.
- 22.2.3 The Division continued to be involved in the activities of the Asia Pacific Confederation of Chemical Engineering (APCCHE) and Prof. Mohd Ali Hashim, attended the 13th APCCHE Executive Board meeting held on 5 October 2010 at Taipei, Taiwan.



- 22.2.4 Besides that, the Division continued to be active in the organising of the Chem-E-Car competition for the 5th consecutive year in 2011. The 5th Chem-e-Car Competition was held jointly between IEM and SEGi University College on 22 July 2010 at SEGi's campus in Kota Damansara. This year's competition is another milestone achievement by the Chemical Engineering Technical Division of IEM as it was the first time that a private Institution of Higher Learning (IHL) hosted the competition and it was the first time that two newly established IHLs participated. The Chemical Engineering Technical Division was proud to acknowledge that the competition had indeed gained a lot of exposure as well as created tremendous interest in the IHLs with a number of them stepping forward to indicate interest to host the next competition. The Division continued to look at ways to improve the competition for the future.
- 22.3 **Civil and Structural Engineering Technical Division (CSTD)**
- 22.3.1 Ir. David Ng Shiu Yuen and Ir. Ong Sang Woh served as the Chairman and the Deputy Chairman, respectively, for session 2010/2011. The election was conducted during the 188th meeting of the Division held on 20 July 2010 which was also the last meeting for the session. The 24th Annual General Meeting (AGM) of the Division, however, was held on 24 July 2010.
- 22.3.2 The 24th AGM of the Division held on 24 July 2010 was attended by 85 members. In conjunction with this occasion, a talk was arranged where by the speaker, Ir. Lee Kee Bau presented a talk on "Standards & Safety of Scaffolding & Falsework" which attracted 118 participants.
- 22.3.3 On Presidential Award of Excellence, the Division improved its position from 2nd runner up to 1st runner up this 2010. The presentation was made during the IEM Annual Dinner held on 17 April 2010.
- 22.3.4 The activities organised by the Division for this session were: talks, courses and seminars. The details of which were listed in the summary sheet of this Annual Report.
- 22.3.5 As before, the Division continued to represent IEM in various Technical Committees such as DSM, SIRIM, CIDB as well as other related ministries and agencies.
- 22.3.6 The committee members of this Division continued to liaise with The Institution of Structural Engineers (Malaysia Division) in organising joint seminars, courses and talks for members of both institutions.
- 22.3.7 The Division continued to donate books to the IEM library.
- 22.3.8 The Division continued to contribute to the IEM Building Fund. To date a total amount of RM 34,711.40 had been contributed by the Division.
- 22.3.9 The IEM-SWO Technical Committee on Standards in Design of Concrete Structures continued to be chaired by Ir. MC Hee. Based on Eurocode, the committee had completed its tasks in drafting three documents for publication by SIRIM and DSM. They were: MS EN1990-Basis of Structural Design, MS EN1991-1-1 Actions on Structures: Densities, Self Weight and Imposed Loads, and MS EN1992-1-1 on Design of Concrete Structures: General Rules and Rules for Buildings.
- 22.3.10 The IEM-SWO Technical Committee on Standards in Design of Steel Structures was chaired by Ir. Assoc. Prof. Sooi Took Kowng. Based on Eurocode, the committee had completed its task in drafting one document for publication by SIRIM and DSM. The document concerned included: MS EN1993-1-1 -- Design of Steel Structures: General Rules and Rules for Buildings.
- 22.3.11 The IEM-SWO Technical Committee on Earthquake Design Guidelines was chaired by Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin. The Committee had been granted financial supports by CIDB and MOSTI. In addition, it also collaborated with external researchers from University of Melbourne, Nanyang Technological University and Hong Kong University, via five working groups formed within the Technical Committee. The drafting of this MS would be based on Eurocode EN1998-1 --- Design of Structures for Earthquake Resistance.
- 22.3.12 The IEM-SWO Technical Committee on Wind Loads on Building Structures, which was chaired by Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin, continued to review the MS1553-2002 Wind Loading on Building Structures. The committee would continue to study the possibility of adopting Eurocode EN1991-1-4 Wind Actions as MS EN1991. To date, two working groups had been formed to undertake key tasks in updating the MS on wind loads.
- 22.3.13 Five (5) committee members of the Division, namely Ir. Tu Yong Eng, Ir. Ong Sang Woh, Ir. MC Hee, Ir. David Ng Shiu Yuen and Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin represented IEM in KPKT-UBBL.
- 22.3.14 Five (5) committee members of the Division, namely Ir. Tu Yong Eng, Ir. David Ng Shiu Yuen, Prof. Dr. Mohd Zamin bin Jumaat, Ir. MC Hee and Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin served as Council Members of IEM.
- 22.3.15 Ir. Assoc. Prof. Jeffrey Chiang Choong Luin served as the IEM Honorary Treasurer while Ir. MC Hee served as an IEM Vice President.
- 22.3.16 The Division continued to have its members serving as Principal and Second Professional Interviewers in assessing the competency of applicants as IEM Corporate Members. In addition, some Division members also volunteered as speakers for career talks and membership recruitment drives etc.



22.4 Electrical Engineering Technical Division (EETD)

22.4.1 The 25th Annual General Meeting of the Electrical Engineering Technical Division was held on 8 May 2010 at the Tan Sri Prof Chin Fung Kee Auditorium, Level 3, Wisma IEM, Petaling Jaya, Selangor Darul Ehsan.

The AGM was held in conjunction with a talk by Ir. Francis Xavier Jacob on the topic of "Energy and Climate Change". A total of 72 participants attended the talk.

22.4.2 Ir. Lee Kok Chong was elected as the Division's Chairman for session 2010/2011. The Committee then unanimously elected Ir. Lam Sing Yew as the Deputy Chairman for the session and Ir. Mah Soo was appointed as the new Advisor.

22.4.3 The EETD committee members actively represented IEM at numerous meetings such as Working Groups, Technical Committee meetings organised by outside organisations, government and professional bodies such as Suruhanjaya Tenaga, SIRIM Berhad, TEEAM and others.

22.4.4 The Division continued to organise various activities such as visits, talks, dialogue with TNB and seminars/courses. Details of the activities organised were captured and highlighted in the summary sheets of this Annual Report.

22.5 Environmental Engineering Technical Division (ENTD)

22.5.1 Ir. Khew Swee Lian continued as the Chairman of the Division for the third consecutive session of 2010/2011. Ir. Fan Hong Poh was re-elected as the Deputy Chairman of the Division. The election was conducted at the 183rd meeting of the Division held on 20 May 2010. However, subsequently Ir. Khew Swee Lian resigned as Chairman at the 188th meeting held on 18 November 2010 and Ir. Fan Hong Poh was elected as Chairman. Ir. Santha Kumaran a/l Erusan @ Krishnan was then elected as Deputy Chairman for the remaining session. This election to the office of Deputy Chairman was held at the 189th meeting on 30 December 2010. Consequent to this, Ir. Jaya Chandar was elected the Secretary taking over from Ir. Santha Kumaran.

22.5.2 The 18th Annual General Meeting of the Division held on 19 June 2010 was attended by 52 members. Prior to that, 62 members attended the talk on "Awareness of Industries on Compliance with Environmental Quality (Sewage) Regulations 2009 and (Industrial Effluent) Regulations 2009" presented by Ir. Dr. Shamsudin Bin Hj. Ab Latif.

22.5.3 The Division would be organising the Brownfield Asia Conference 2011 scheduled to be held on 12-14 July 2011. A pre-conference workshop had also being planned on 11 July 2011.

22.5.4 Kindly refer to the activities of the Division printed in the summary sheet of this Annual Report.

22.5.5 The Division continued to maintain good working relationships and rapport with governmental agencies and professional bodies by serving in their Technical Committees. Such organisations were SIRIM, CIDB and the Department of Environment.

22.6 Geotechnical Engineering Technical Division (GETD)

22.6.1 The 21st AGM of the Division was held on 12 June 2010. Ir. Lee Eng Choy continued to serve as the Chairman of the Division with Ir. Liew Shaw Shong as the Deputy Chairman.

22.6.2 The Committee had planned to organise various Courses/Seminars/Workshop for the session. At the time of writing this report, four events were successfully held in 2010 as follows :

- 1) Short Course on PDA Testing, 26-27 April 2010
- 2) Workshop on Advanced Topics in Pile Design, 8-9 April 2010
- 3) Seminar on Engineered Fill, 18 November 2010
- 4) 2 Days Short Course on Geotechnical Engineering, 15-16 December 2010

22.6.3 The Division had sponsored three IEM Young Engineers to present papers at the Asian Geotechnical Conference from 9-12 May 2010 in Taipei, Taiwan.

22.6.4 With the support from HKIE, HKGS, GeoSS and IEM Sarawak Branch, the Division organised the One Day International Seminar. This event was also supported by AGSSEA. The Seminar titled "Engineering a Sustainable Development: Role Played by Geotechnical Engineering" was held at PJ Tropicana Golf and Country Resort on 23 February 2011.

22.6.5 Currently, the Committee had allocated RM45,000 from the IEM -SEAGC Account to subscribe the current and purchase and back-dated issues of the journals. These journals are:

- 1) Soils & Foundations Journal
- 2) ASCE Geotechnical and Geoenvironmental Journal
- 3) Geotechnique Journal
- 4) Canadian Geotechnical Journal
- 5) Geotechnical Engineering Journal

- 22.6.6 The Division continued to support the editorial board by providing reports, articles and write up for the IEM Bulletin. News on its activities and information relating to geotechnical engineering were also given for publication.
- 22.7 **Highway and Transportation Engineering Technical Division (HTETD)**
- 22.7.1 Ir. Gunasagaran A/L Kristnan and Ir. Chin Kar Keong were re-elected as the Chairman and Deputy Chairman of the Division respectively for the session 2010/2011. The positions of Chairman and Deputy Chairman were re-elected at the 181st meeting held on 15 October 2010.
- 22.7.2 The Division held its 19th Annual General Meeting on 30 October 2010. A total of 85 members attended the AGM. Prior to that, 130 members attended the forum on "Sustainable Public Transport System for Klang Valley – from BMW (Bus Mini Wilayah) to MRT" presented by Prof. Dr. Ahmad Farhan Mohd Sadullah, Ir. Dr. Rosli Nekmat and Ir. Chin Kar Keong.
- 22.7.3 The activities of the Division were 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 Road Engineering Association of Malaysia (REAM), Transportation Science Society of Malaysia, SIRIM, CIDB and JKR.
- 22.8 **Mechanical Engineering Technical Division (METD)**
- 22.8.1 Ir. Dr. Cheong Thiam Fook was re-elected as the Chairman, Ir. Noor Hisham Yahaya, as the Deputy Chairman and Ir. Lum Youk Lee as the Advisor of the Technical Division for the Session 2010/2011 during the 231st Meeting of the Division held on 23 September 2010.
- 22.8.2 The 25th Annual General Meeting was held on 16 October 2010 and was attended by 54 members. The talk on "How to Motivate and Retain Young and Talented Engineers" presented by Ir. Dr. Chong Chien Fatt was held prior to the AGM and attended by 67 members.
- 22.8.3 The second METD Networking Lunch to raise fund for Wisma IEM was held in conjunction with the AGM at Armada Hotel, to promote networking among the members and to raise fund for the new IEM building. 25 tables were sold during the networking lunch and the amount collected was RM12,800.00.
- 22.8.4 METD jointly-organised with WRTD its second series of IBS Exhibitions cum Forum and Talk from 8 – 9 December 2010, to promote and raise awareness among the industry participants on the Industrialised Building System. A total of RM12,910.00 was collected for the event. The fund collected would be donated to IEM Building Fund.
- 22.8.5 The Division also organised its first Machine Design Competition to design Lake Clean-up Machine which should be able to rid the lake of floating weeds and decaying garbage. The Prize Giving Ceremony was held during the METD 25th Annual General Meeting on 16 October 2010.
- 22.8.6 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 2010.
- 22.8.7 With close rapport with SIRIM, Energy Commission, DOSH, Gas Malaysia, Pembangunan Sumber Manusia Bhd and Pusat Tenaga Malaysia, the Division continued to organise activities with support from these organisations for the benefits of its members.
- 22.8.8 The METD Leadership Retreat and Review Session were held on 18 - 19 June 2010 and 17-18 December 2010 at Port Dickson Golf and Country Club. 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.
- 22.8.9 During the year, the committee was active in organising various talks, courses and visits. In this financial year, the Division had planned to expand such activities to other IEM Branches and local universities.
- 22.8.10 The detailed list of activities of the Mechanical Engineering Technical Division was also summarised in the summary sheets of the Annual Report for information.
- 22.8.11 Three committee members of the Division, namely Ir. Noor Hisham Yahaya Ir. Gopal Narian Kutty and Ir. Dr. Philip Tan, also served as Council Members of IEM while Ir. Gopal Narian Kutty also served in the Executive Council (EXCOMM). The Division also actively participated in external programmes and activities with both non government organisations and governmental departments such as SIRIM, Energy Commission, Pusat Tenaga Malaysia, Department of Occupational Safety and Health, Gas Malaysia and Pembangunan Sumber Manusia Bhd etc.
- 22.9 **Oil, Gas and Mining Technical Division (OGMTD)**
- 22.9.1 The 19th Annual General Meeting of the Technical Division was held on 13 November 2010 at Wisma IEM, Petaling Jaya. A total of 53 members attended the AGM, which was organised in conjunction with a talk on "Civil, Structural & Pipeline Engineering In Oil & Gas Industry" presented by Ir. Mohd Nazri Mustafa, En. Zulhildi Lihin, En A Sirwan M Tuselim and was attended by 64 Members



- 22.9.2 Ir. Al-Khairi Mohd Daud, continued as the Chairman of the Technical Division for the second consecutive session. He was re-elected at the 180th meeting held on 23 October 2010 and Ir. Razmahwata Mohd Razalli was also re-elected as the Deputy Chairman of this Technical Division at the said meeting.
- 22.9.3 The Division continued to organise joint activities such as training courses with Institut Latihan Sultan Ahmad Shah (ILSAS) on a regular basis with profit/loss sharing at 60/40.
- 22.9.4 The Division also continued to organise various talks, visits, courses and seminars and the details of which were listed in the summary sheet of this Annual Report.
- The committee members of the Technical Division continued to contribute articles and reports for the IEM Publication.
- 22.10 **Production and Manufacturing Engineering Technical Division (PMETD)**
- 22.10.1 Ir. Jagathisen s/o Siva Perumal was re-elected as the Chairman and Ir. William Chai Peng Mun as the Deputy Chairman and of the Division for the session 2009/2010 at the 149th Meeting of the Division held on 10 July 2010.
- 22.10.2 The 19th Annual General Meeting was held on 7 August 2010 and attended by 20 members.
- 22.10.3 The Division continued to organise membership drives at various organisations to encourage engineers to join the Institution.
- 22.10.4 The Division also continued to appoint representatives to serve in various Standing Committees and Organising Committees of the Institution. The Division managed 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.
- 22.10.4 Committee members continue to volunteer to serve as Professional Interviewers.
- 22.10.5 The summary sheets indicated the various activities organised by this Technical Division.
- 22.11 **Water Resources Technical Division (WRTD)**
- 22.11.1 The 23rd AGM was held on 22 May 2010 at Wisma IEM. The AGM was attended by 18 members. Ir. Assoc. Prof. Dr. Marlinda A. Malek was elected as the Chairman for the 2010/2011 session whilst Ir. Zainal Abidin bin Othman as Deputy Chairman.
- 22.11.2 As in previous years, the 12nd Annual IEM Water Resources Colloquium was held on the same date as the AGM. A total of 38 members participated in the Colloquium.
- 22.11.3 The committee members of the Division continued to serve as IEM representatives at various external organisations such as SIRIM, JPS and many others by offering their contributions.
- 22.11.4 Committee members also submitted papers and articles for various publications.
- 22.11.5 The summary of activities of the Division was tabulated in the enclosed summary sheet of this Annual Report.
- 22.12 **Engineering Education Technical Division (E2TD)**
- 22.12.1 The 14th Annual General Meeting of the Division was held on 7 August 2010. A total of 51 members were present at this 14th AGM. A talk on "Accreditation Expectations" presented by Ir. Assoc. Prof. Megat Johari Bin Megat Mohd Noor was conducted prior to the AGM and a total of 71 participants attended the talk.
- 22.12.2 Ir. N. Jayaseelan was unanimously elected as the Chairman of the Division for the session 2010/2011. The Committee then unanimously elected Ir. Assoc. Prof. Dr. Faris Tarlochan as the Deputy Chairman for the same session and Ir. Prof. Madya Dr. Lariyah Mohd Sidek was appointed as the Advisor. A total of 6 Ordinary Committee Members were elected to serve this new session with 2 Co-opted Members.
- 22.12.3 The Division successfully organised a Half Day Forum on "Road To BEM Accreditation IPTS Experience" on 11 October 2010 at Wisma IEM. A total of 51 participants attended the forum. The Division hoped to organised more courses for the new session.
- 22.12.4 The Division continued to organise various activities for the members. Such activities were visits, talks and seminar/ courses. Details of the activities organised were captured and highlighted in the summary sheets of this Annual Report 2011.
- 22.12.5 The total number of members registered with the Division for the Session 2009/2010 was 318.



22.13 IEM Information Technology Special Interest Group (ITSIG)

- 22.13.1 Ir. Tejinder Singh as Chariman of the Special Interest Group with Allahyarham Ir. Abdul Karim Mohamed Yunus as his Deputy Chairman continued to serve for the second consecutive session. Both the positions were elected at the 120th meeting of the Committee held on 11 February 2010. The Division is sad to announced the demise of Allahyarham Ir. Abdul Karim on 11 March 2011.
- 22.13.2 The 12th Annual General Meeting of the Special Interest Group of IEM was held on 20 March 2010 and attended by 45 members. The Division was pleased to place on record that for the first time, the AGM of the Division was so well supported.
- 22.13.3 A talk on "The Malaysian Smartcard Landscape" by Ir. Eddy Cheah was attended by 50 members. The talk was held inconjunction with the AGM.
- 22.13.4 For details of the activities of the Interest Group, kindly refer to the pages on summary of activities in the Annual Report.

22.14 Agricultural and Food Engineering Technical Division (AFETD)

- 22.14.1 The 11th Annual General Meeting was held on 23 January 2010 for the session of 2009/2010. Ir. Kumar Subramaniam was elected as the Chairman of the Division.
- As for the session 2010/2011, the 12th Annual General Meeting was organised on 22 January 2011. Ir. Kumar Subramaniam continued as chairman for the session.
- 22.14.2 Six (6) technical visits, two (2) courses, one (1) workshop and one (1) talk were organised for the year 2010. The activities were captured in the summary sheets of the Annual Report.
- 22.14.3 The Division managed to publish a special issue of the Journal on Agriculture and Food Engineering. For the December Issue of the Bulletin, the Division published the issue with the theme on 'Biotechnology in Agricultural and Food'.

22.15 Tunnelling and Underground Space Engineering Technical Division (TUSTD)

- 22.15.1 The 10th Annual General Meeting was held on 15 May 2010 and attended by 54 members. Ir. Neo Boon Kheng was re-elected as the Division Chairman for the session 2010/2011 with Ir. Jagjeet Singh Sidhu as the Deputy Chairman of the Division.
- 22.15.2 The AGM was arranged after the talk on "Electrified Double Track Project Pipe Arch Win Tunnel under PLUS Highway" presented by Mr. Donalt Rober Hall from Gamuda Engineering Sdn Bhd.
- 22.15.3 The Division continued to maintain a leading role on promoting closer interaction and co-operation amongst the various professional groups. The Division also has a good working relationship with the International Tunelling Association (ITA)
- 22.15.4 The members of the Division actively prepared articles and write up for the IEM Bulletin.
- 22.15.5 The Technical Division continued to donate magazines and books to the IEM Library.
- 22.15.6 For activities of this Division, kindly refer to the summary of events in this Annual Report.
- 22.15.7 The members also volunteered and served as Professional Interviewers for the session.
- 22.15.8 The Division would be organising an International Conference and Exhibition in March 2011 at Grand Dorsett Subang Hotel. A two-day ITA Short Course would also be held prior to the conference.
- The theme for the conference is "Challenges in Sustainable Tunnelling and Underground Space & Safety and Risks Management"
- Besides papers presentations and exhibitions from the potential speakers and companies, technical visits were also organised for the conference participants.

22.16 Project Management Technical Division (PMTD)

- 22.16.1 Ir. Lee Boon Chong took over the chairmanship from Dato' First Admiral (R) Ir. Hj Ahmad Murad Bin Omar for the session 2010/2011. Ir. Faizal Abdullah Sanusi was elected as the Deputy Chairman of the Division for the said session. The position of Chairman and Deputy Chairman was elected at the 54th meeting of the Division held on 24 April 2010.
- 22.16.2 The 6th Annual General Meeting of the Division held on 3rd July 2010 was attended by 86 members. Prior to that, 87 members attended the talk on "Project Management for a Mega Operational Capital Development" presented by En. Roslan Othman from Malaysia Airports Holdings Berhad.
- 22.16.3 The activities of the Technical Division had been tabulated in chronological order in the summary sheet of this Annual report.
- 22.16.4 The Committee Members of the Technical Division continued to contribute articles and reports for publication in IEM Bulletin.



22.17 Electronic Engineering Technical Division (eeTD)

- 22.17.1 The Division continued to be based in Penang and as mentioned before this is the only Technical Division set up outside the domain of the Head Office.
- 22.17.2 So far the Division had 6 Committee meetings during the session under review.
- 22.17.3 The 2nd Annual General Meeting was held on 24 July 2010 at the IEM Penang Branch Secretariat and attended by 15 members.
- 22.17.4 Mr. Dr Cheong Kuan Yew was elected the Chairman for the 2010/2011 session with Mr. Dr Hor Poh Jin as the Deputy Chairman. Mr. Bernad Lim was appointed the Secretary cum Treasurer.
- 22.17.4 During the year, the Division organised the following activities

Tech Talk 1 : *Power Management for Mobile Devices – Low Power System Architecture by Professor Ng Wai Tung, University of Toronto, 28 January 2010.*

The talk was organised at the Dewan Persidangan Universiti (DPU), USM Campus, Minden Penang and attended by 56 members.

Tech Talk 2 : *Apple iPhone Platform: Overview & Application Development by Percy Chen, 25 March 2010*

This talk was also held at the Dewan Persidangan Universiti (DPU), USM Campus, Minden Penang and attended by 54 members.

Technical Visit Series - TechVisit 1 : *SILTERRA MALAYSIA SDN BHD, 14 April 2010*

A total of 13 members from various field of discipline participate in the TechVisit. The members visited the factory and spent a longer time than expected. The Corporate Director, Encik Tahir presented a little technical in-depth briefing on the plant capabilities. The TechVisit was divided into two groups, with one group visiting the plan facility while the second group visited the plant wafer fab. Overall this TechVisit provided a good overview into what Silterra does at Kulim.

TechVisit 2 : *SILTERRA MALAYSIA SDN BHD, 14 May 2010*

A second visit was arranged to the factory and attended by 19 members.

22.18 Consulting Engineers Special Interest Group (CESIG)

- 22.18.1 The Inaugural Meeting was held on 16 January 2010 and attended by 68 members.
- 22.18.2 Mr. Dr Ooi Teik Aun continued to serve as the Chairman and YBhg Dato Mr. Samsuddin bin Ismail as the Deputy Chairman of CESIG.
- 22.18.3 The Committee planned to organise various talk for the year and the first talk was held on 26 May 2010 on the topic of "Design and Construction of Buildings Using IBS" by Mr Kim Peter Fallstrom.
- 22.18.4 The Committee initiated to apply for the Associate Membership to FIDIC. However this application was rejected by FIDIC as Malaysia is already a Member of FIDIC under the ACEM.
- 22.18.5 Mr Teh Piaw Ngi, Committee member of CESIG volunteered to give free consultancy for building a lift at Wisma IEM.

23 MANAGEMENT REVIEW COMMITTEE

- 23.1 The President, Dato Mr. Prof Dr Chuah Hean Teik continued as the Chairman of the ISO Management Review Committee. The Committee comprised of all Excomm members and held its meeting 3 times in a year to review and monitor the progress of the ISO. For this session, the Committee continued to review the ISO procedures and make alterations and updates to the procedures to meet with the objectives of the Institution with the aim of renewing the ISO certifications.

The Staff of the Secretariat continued to look into improvement so as to provide better and more efficient Secretariat.

24 IEM TRAINING CENTRE SDN. BHD.

24.1 Memorandum of Understanding

Memorandum of Understanding on recognition and exchange of training programmes were signed with the Engineering Staff College of India, Hyderabad (ESCI) on 4 June 2010 and the Vietnam Society of Soil Mechanics and Geotechnical Engineering (VSSMGE) on 1 December 2010.



24.2 Courses

IEM Training Centre Sdn. Bhd. continued to organise Continuing Professional Development (CPD) and Professional Development Programmes (PDP) for the benefits of engineers in particular IEM members. During the financial year ended 31 December 2010, our Centre successfully organised a total of 74 IEM and BEM courses.

24.3 IEM Courses

A total of 32 courses were organised.

The breakdown on the courses for various disciplines were noted as follows:

| | Disciplines | No of courses |
|---|---------------------|----------------------|
| 1 | Civil/Structural | 6 |
| 2 | Mechanical | 9 |
| 3 | Electrical | 1 |
| 4 | Geotechnical | 4 |
| 5 | Project Management | 5 |
| 6 | Contract Management | 6 |
| 7 | Others | 1 |

Out of the 32 courses, 5 were held in Penang, 4 in Kuching, 3 in Kota Kinabalu, 3 in Johor Bahru, 1 in Ipoh, 1 in Johor Bharu, and 1 in Miri.

24.4 BEM Courses

A total of 42 BEM courses were organised, out of which 3 were held in Kuching, 3 in Kota Kinabalu, 3 in Penang, 1 in Miri, 1 in Johor Bahru, 1 in Ipoh and 1 in Kerteh.

For in-house programmes, 3 BEM courses were conducted for Pembangunan Sumber Manusia Berhad, 4 BEM courses for Royal Malaysian Navy and 58 BEM courses for Tenaga Nasional Berhad.

SSCDF Outreach Programmes

For 2010, 14 SSCDF Outreach Programmes were organised, out of which 3 were held in Ipoh, 2 in Miri, and 1 each in Kuching, Seremban and Kerteh.

24.5 Financial Year

Total income for the financial year ended 31 December 2010 was RM2,245,925.57 and total expenditure was RM1,718,884.22. For the year's operation, the Centre recorded a pre-tax profit of RM527,041.35.



| EVENT | ORGANISED BY / SUPPORTED BY | JOINT/MAIN ORGANISERS | NATURE | TITLE AND TOPIC | VENUE | SPEAKERS | NOS |
|---------------|-----------------------------|-----------------------|---------|--|-----------------------|---|-----|
| 2010 | | | | | | | |
| 9 January | Oil, Gas and Mining | | Talk | Talk on Construction Quality Program in Oil and Gas Industry | Wisma IEM | Ir. Roslin bin Ramli | 47 |
| 12 January | Welfare | | Talk | MAA/IEM Insurance Schemes (PII Fire) Save Premium | Wisma IEM | Ms Tara Joice Dominic and Ms Toh Oy Chee | 11 |
| 16 January | Manufacturing | | Visit | Technical Visit to Sum Hing Engineering Malaysia | K. Lumpur | | 12 |
| 16 January | CESIG | | Talk | Talk on "Professional Practice and Conduct for Professional Engineers" | Wisma IEM | Dato Paduka Ir. Hj (Dr) Keizrul Abdullah | 125 |
| 16 January | CESIG | | Meeting | Inaugural Meeting of the Consulting Engineering Special Interest Group | Wisma IEM | | 73 |
| 21 January | ITSIG | | Talk | Talk on Implementatrion of Business Intelligence (BI) and Corporate Performance Management (BPM) | Wisma IEM | Mr Jimmy Ting | 20 |
| 22 January | W. Resources | | Talk | Talk on "Water Resources and Water Related Disasters Under Climate Change- Prediction, Impact Assessment and Adaptation - The Japanese Experience" | Wisma IEM | Ir. Assoc Prof Dr Marlinda bt Abdul Malek | 20 |
| 23 January | Tunnelling | | Talk | Talk on Design and Construction of the Tropicana Vehicular Box Tunnel Using Pipe Roofing Method | Wisma IEM | Ir. Annuar Mohd Aris and Ir. Liang Kee Ming | 67 |
| 23 January | Electrical | | Lecture | Half Day Lecture on Energy Efficiency (EE) & Renewable Energy (RE) in Buildings and Building Integrated Photovoltaic (BiPV) | Wisma IEM | Ir. G Lalchand and Ms Wei Nee Chen | 102 |
| 23 January | Agri & Food | | Talk | Talk on "Batch Versus Continuous Wastewater Treatment in Plants" | Wisma IEM | Mr Chan Boon Chew | 71 |
| 23 January | Agri & Food | | Meeting | 11th Annual General Meeting | Wisma IEM | | 54 |
| 25 February | Geotechnical | | Talk | Talk on Recent Developments in Electro-Osmotic Consolidation of Soft Soils and Peat | Wisma IEM | Prof Dr Kaniraj Shenbaga | 30 |
| 2 February | Manufacturing | | Visit | Technical Visit to TBR Plant, Continental Sime Tyre | Petaling Jaya | | 29 |
| 6 February | Oil, Gas and Mining | | Talk | Talk on Funamentals of Dynamic Simulation | Wisma IEM | En Shahrul Azman Zainal Abidin and Zalina Harun | 46 |
| 9 February | Electrical | | Talk | An Evening Talk on "Introduction of Electrical Reliability Mindset to the Petrochemical, Oil and Gas Plant Industries | Wisma IEM | Mr Jim Wardhaugh | 22 |
| 9-10 February | Oil, Gas and Mining | ILSAS | Course | Two Day Course on Maintenance Management: An Overview | ILSAS, Kajang | Ir. Al Khairi Mohd Daud | 18 |
| 23 February | Geotechnical | | Talk | Modeling of Undrained Behavior of Soil in Finite Element Analysis | Wisma IEM | Ir. Dr Chan Swee Fatt | 40 |
| 24 February | Civil & Struct | SIRIM, CIDB | Seminar | One Day Seminar on Adopting Eurocode for Structural Steel Design (EC3) in Malaysia | Armada Hotel, P. Jaya | Various Presenters | 108 |



| EVENT | ORGANISED BY / SUPPORTED BY | JOINT/MAIN ORGANISERS | NATURE | TITLE AND TOPIC | VENUE | SPEAKERS | NOS |
|----------------|-----------------------------|-----------------------|----------|---|---------------------------|--|-----|
| 24 February | Geotechnical | | Talk | The Mechanical Behaviour of Two Residual Soils from Gerik | Wisma IEM | Dr Kok Yow Loong | 28 |
| 26-28 February | Project Management | | Visit | Visit to Sepang Bay | Kota Kinabalu, Sabah | | 66 |
| 1 March | Geotechnical | | Talk | Talk on "What Should be the Right Soil Parameters to Use: Case Studies" | IEM | Dr Chu Jian | 40 |
| 2 March | Eng. Education | | Talk | The Effects of Wind on Man-Made Structures | IEM | Ir. Thavanendran Mahalingam | 24 |
| 2 - 3 March | Oil, Gas and Mining | ILSAS, WIM | Course | Two Day Course on Welding Design Requirements for Pressure Vessel | ILSAS, Bangi | Mr Ian Partidge | 18 |
| 5 March | Civil & Struct | I Struct E | Course | One Day Course on Structural Engineering (Water Retaining Structures and Retrofitting) | Armada Hotel, P. Jaya | Mr Rajavel Inbarajan | 89 |
| 6 March | Tunnelling | | Talk | Pahang- Selangor Water Transfer Tunnel | Wisma IEM | Ir. Dr Zullkefle Nordin | 78 |
| 10-12 March | Civil & Struct | | Course | 3 Day Course on Practical Design to MS EC0, MS EC1, MS EC2 From A Consulting Engineer's Perspective | Armada Hotel, P. Jaya | Ir. MC Hee | 71 |
| 13 March | Project Management | | Course | 1-Day Training Course on Mind Mapping for Engineers & Project Managers | Wisma IEM | En Mohd Razif Mat Rawi | 25 |
| 13 March | Oil, Gas and Mineral | | Talk | Structural Integrity Assessment in Oil & Gas Plans - A Case Study | Wisma IEM | Ir. Mohd. Nazri Mustaffa | 66 |
| 15 -16 March | Civil & Struct | MSSA, BEM | Course | Two Day Course on "Design of Structural Steelwork to EN 1993; Design of Steel Structures" | Armada Hotel, P.Jaya | Prof Roger Plank | 91 |
| 16 March | Corporate Affairs | EA | Talk | An Evening Talk on "What's New in Engineers Australia" | Wisma IEM | Prof Dou Hargreaves | 43 |
| 17 March | B. Services | | Talk | Talk on Rainwater Harvesting | Wisma IEM | Ir. Lam Kim Seong, Ir. Ng Yong Kong and Mr Denise Lau | 117 |
| 17- 18 March | Electrical | ILSAS | Course | Two Day Course on Sulphur Hexafluoride (SF6) Gas Insulated System (GIS) and It's Application in Medium Voltage (MV) Swtichgears | ILSAS, Kajang | Mr Hardanjit Singh Gosal | 14 |
| 20 March | IT SIG | | Meeting | 12th Annual General Meeting | Wisma IEM | | 57 |
| 20 March | IT SIG | | Talk | Talk on "The Malaysian Smartcard Landscape | Wisma IEM | Ir. Eddy Cheah | 54 |
| 20 March | Welfare | | Social | Tea Party Gathering - Together We Network | Hotel Singgahsana, P.Jaya | | 77 |
| 20 March | E & T | PI Board | Workshop | Professional Interview Workshop | Wisma IEM | Ir. Ishak A Rahman; Ir. Dr Muhd Fuad Abdullah, Ir. Gopal Narian Kutty and Ir. Juares Rizal A Hamid | 54 |
| 23 March | IT SIG | | Visit | Technical Visit to Cybersecurity Malaysia | Seri Kembangan, Selangor | | 11 |



| EVENT | ORGANISED BY / SUPPORTED BY | JOINT/MAIN ORGANISERS | NATURE | TITLE AND TOPIC | VENUE | SPEAKERS | NOS |
|-------------|-----------------------------|-----------------------|------------|--|-------------------------------|----------------------------------|-----------|
| 23 March | Mechanical | | Talk | Talk on "Building A Floodgate" | Wisma IEM | Ir. Hsiung Teck Pin | 28 |
| 27 March | Manufacturing | | Visit | Technical Visit to German Malayisa Institute | Kajang, Selangor | | 19 |
| 27 March | Mechanical | | Talk | Talk on Power Generation Technologies | Wisma IEM | Ir. Fam Yew Hin | 47 |
| 27 March | Oil, Gas and Mining | | Talk | Talk on Transforming Facilities Management for Health Care - Facilities Form Planned Maintenance to Reliability and Tisk Focus | Wisma IEM | Ir. Al Khairi Mohd Daud | Postponed |
| 29-30 March | Project Management | | Visit | Tehcnical Visit to Yangon and Mandalay | Myanmar | | Postponed |
| 30 March | Eng. Education | | Talk | Revisit: Meng@40 PhD@50 - the Challenges | IEM | Ir. Assoc Prof Dr Ng See Seng | 24 |
| 1 April | G & S Section | | Workshop | One Day Workshop on "Write Like a Professional" | IEM | Dr Alister King | Postponed |
| 6-7 April | Civil & Struct | | Course | Two Day Course on Post Tension Concrete Structures | Armada Hotel, P. Jaya | Dr Peter Gabor | 168 |
| 5-7 April | Activities | REAAA, IHT | Conference | 21st Century Expressway Charting The Way Forward | KL Hilton, K. Lumpur | Various Presenters | 359 |
| 6 April | B. Services | MASHRAE | Course | The Role of District Cooling Systems & Building M&E Services In Todays' Green Environment | Shah's Village Hotel, P. Jaya | Various Presenters | 60 |
| 6 April | Mechanical | | Talk | Talk on "An Engineering Approach to Achieve World Class | IEM | Ir. Dr Chong Chien Fatt | 37 |
| 7 April | Oil, Gas and Mining | | Talk | Talk on Transforming Facilities Management for Health Care - Facilities Form Planned Maintenance to Reliability and Tisk Focus | Wisma IEM | Ir. Al Khairi Mohd Daud | 6 |
| 8 April | Geotechnical | | Talk | Talk on " Applications of Centrifuge Modelling for the Study of Soft Soil Problems" | Wisma IEM | Prof Leung Chun Fai | 40 |
| 8-9 April | Geotechnical | NUS | Workshop | 2- Day Workshop on Advance Topics on Pile Foundation Design | Wisma IEM | Prof Leong Chun Fai | 80 |
| 9 April | W. Resources | | Talk | Talk on "Role of Span in Malaysia's Water Industry | Wisma IEM | En Ahmad Muzammir bin Muhammad | Postponed |
| 10 April | Oil, Gas and Mining | | Talk | Talk on Commercial Aspects of Malaysia's Gas Sales Agreement | Wisma IEM | En Mohd Azlan bin Salim | 46 |
| 13 April | Mechanical | | Talk | Talk on "Principles and Practices of Total Quality Management" | Wisma IEM | Ir. Dr Chong Chien Fatt | 47 |
| 13-14 April | Oil, Gas and Mining | ILSAS, WIM | Course | Two Day Course on Advanced Non-Destructive testing (NDT) in Engineering Application | ILSAS, Bangi | Ir. Hassan bin Kavarodi Maracair | 16 |
| 14 April | High & Trans | | Project | Engineering Essay Writing Competition 2010 | | | 7 |
| 17 April | Activities | | Meeting | 51st Annual General Meeting | Wisma IEM | | 297 |



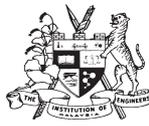
| EVENT | ORGANISED BY / SUPPORTED BY | JOINT/MAIN ORGANISERS | NATURE | TITLE AND TOPIC | VENUE | SPEAKERS | NOS |
|-------------------|-----------------------------|-----------------------|-------------|---|---|--|-----------|
| 17 April | Activities | | Social | IEM 51st Annual Dinner and Awards Night | Sime Darby Convention Centre, K. Lumpur | | 880 |
| 19-24 April | Welfare | | Activities | IEM Engineering Week 2010 | Nationwide | | 320 |
| 19 April - 1 June | Mechanical | | Competition | METD Machine Design Competition | | | 51 |
| 20 April | Electrical | | Lecture | The 10th Raja Tan Sri Zainal Lecture on "A Career in Electrical Engineering" | Wisma TNB, Jalan Timur, P. Jaya | Tn. Hj. Roslan Ab. Rahman | 81 |
| 21 April | Mechanical | | Talk | Talk on "The Needs in Built Environment" - Sustainable Design, Energy Mangement & Operation Centric Developments | Wisma IEM | Ir. Lum Youk Lee | 29 |
| 21 April | Manufacturing | | Talk | Talk on Introduction to Lean Manufacturing and Six Sigma | Wisma IEM | Puan Jamilah Haron | 17 |
| 21 April | Electrical | | Seminar | One Day Seminar on Energy and Infrastructure | Wisma IEM | Mr Noel Daly | 17 |
| 22 April | Mechanical | | Talk | Talk on Green Technology for Malaysian Engineers | Wisma IEM | Ir. Dr Cheong Thiam Fook | 60 |
| 22 April | W. Resources | | Visit | Technical Visit to the National Hydraulic Research Institute of Malaysia NAHRIM | Seri Kembangan, K. Lumpur | | 21 |
| 22 April | Environmental | | Seminar | Half Day Seminar on Social Responsibility in Projects | Wisma IEM | Mr. Colette Curran, Dr Loi Kheng Min and Tuan Syed Abdul Jalil Syed Abd Rashid | Cancelled |
| 24 April | B. Services | | Visit | Technical Visit to Monash University Sunway Campus | Bandar Sunway | | 31 |
| 24 April | Chemical | | Visit | Technical Visit to SGL Carbon Sdn Bhd | Kuala Langat | | 32 |
| 24 April | Project Management | | Talk | Safety Culture In Malaysia Construction: The Current Development | Wisma IEM | Dr Hajjah Faridah bt Hj Ismail | 44 |
| 26 April | Geotechnical | | Talk | Talk on Dynamic Analysis of Open Ended Pipe Piles | Wisma IEM | Prof Samuel G Palkowsky | 45 |
| 26-27 April | Geotechnical | | Course | 1 Day Short Course & Half Day Open Forum on Dynamic Pile Testing | Wisma IEM | Prof Samuel G Paikowsky | 67 |
| 26 April | Civil & Struct | | Talk | Talk on Status of Worldwide Applications of Seismic Rubber Bearings for the Protection of Structures From Eathquake | Wisma IEM | Prof J M Kelly | 30 |
| 27 April | Geotechnical | | Open Forum | Half Day Open Forum on Dynamic Pile Testing | Wisma IEM | Prof Samuel G Paikowsky | 45 |
| 29 April | B. Services | MASHRAE | Course | Course on Innovative Green Solutions for Building Services | Hotel Armada, P. Jaya | Various presenters | 99 |
| 30 April | Civil & Struct | Hilti (M) Sdn Bhd | Course | Half Day Course on Hilti Fastening Academy 2010 | Tropicana Golf and Country Club Resort, P. Jaya | Mr Christian Fogstad | 129 |



| EVENT | ORGANISED BY / SUPPORTED BY | JOINT/MAIN ORGANISERS | NATURE | TITLE AND TOPIC | VENUE | SPEAKERS | NOS |
|-----------|-----------------------------|-----------------------|------------|--|------------------------------|---|-----------|
| 4-5 May | Oil, Gas and Mining | ILSAS, WIM | Course | 2 Day Course on Risk Based Inspection for Effective Safety Management | ILSAS, Bangi | Various presenters | Cancelled |
| 8 May | Mechanical | | Visit | Technical Visit to George Kent Technology Centre | Puchong, K. Lumpur | | Postponed |
| 8 May | Electrical | | Meeting | 25th Annual General Meeting | Wisma IEM | | 56 |
| 8 May | Electrical | | Talk | Talk on "Energy and Climate Change" | Wisma IEM | Ir. Francis Xavier Jacob | 72 |
| 9-12 May | Geotechnical | ySEAGC | Conference | Young Southeast Asian Geotechnical Conference | Taipeh, Taiwan | Various Paper Presenters | 300 |
| 11 May | Mechanical | | Talk | Talk on "The Realities and Myths of Total Quality Management in Construction Industry" | Wisma IEM | Ir. Dr Chong Chien Fatt | 44 |
| 13 May | Chemical | | Talk | Use of Organic Matter from Agro-Industrial Processes In Malaysia: Potential, Technologies and Perspectives | Wisma IEM | Mr Rezza Dzulkiilee and Mr Baptise Kervyn | 12 |
| 14 May | G & S Section | | Workshop | One Day Workshop on "Write Like a Professional" | IEM | Dr Alister King | 57 |
| 15 May | Tunnelling | | Meeting | 10th Annual General Meeting | Wisma IEM | | 54 |
| 15 May | Tunnelling | | Talk | Talk on Electrified Double Track Project Pipe Arch Twin Tunnel under PLUS Highway | Wisma IEM | Mr Donald Robert Hall | 73 |
| 15 May | B. Services | | Visit | Technical Visit to SKB Shutters Corporation Berhad | Kota Damansara | | 18 |
| 15 May | Agri & Food | | Visit | Technical Visit to the "Assembly of Gear Units at Total Drive Transmissions Sdn Bhd" | Shah Alam, Selangor | | 16 |
| 17-18 May | Electrical | ILSAS | Course | Two Day Course on Harmonics in Electrical Installations - Fundamentals, Consequences and Mitigations | ILSAS Bangi, Salngor | Ir. Dr Au Mau Teng | Postponed |
| 17-20 May | Project Management | | Visit | Technical Visit to Yangon and Mandalay | Myanmar | | 12 |
| 21 May | Civil & Struct | SIRIM, DSM | Seminar | One Day Seminar on Adopting Eurocodes EC0, EC1 and EC2 in Malaysia | Dynasty Hotel, Miri, Sarawak | Various Paper Presenters | 36 |
| 22 May | Oil, Gas and Mining | | Visit | Visit to Centralised Utility Facilities (CUF) GEBENG | Kuantan. Pahang | | 24 |
| 22 May | W. Resources | | Colloquium | 12th Annual IEM Water Resources Colloquium | Wisma IEM | Various Paper Presenters | 38 |
| 22 May | W. Resources | | Meeting | 23rd Annual General Meeting | Wisma IEM | Wisma IEM | 18 |
| 24 May | Eng. Education | | Talk | 21st Century Engineering Education: Issues and Its Future | Wisma IEM | Engr. B Balmuralithara | 32 |
| 25 May | High & Trans | | Talk | Talk on Carbon Management for Airports | Wisma IEM | Mr Norest Govha | 34 |
| 25 May | Electrical | | Course | One Day Course on "Electrical Energy Efficiency Regulations and Applications | Wisma IEM | Various Presenters | 84 |



| EVENT | ORGANISED BY / SUPPORTED BY | JOINT/MAIN ORGANISERS | NATURE | TITLE AND TOPIC | VENUE | SPEAKERS | NOS |
|----------|-----------------------------|-----------------------|------------|---|--------------------|---|-----------|
| 26 May | W. Resources | | Talk | Talk on Policies, Strategies - A Holistic Approach to NRW Control and Status of NRW Projects in the 9th Malaysian Plan | Wisma IEM | Leftenen Colonel Ir. Hj Norazhari bin Zainal Abidin | 23 |
| 26 May | CESIG | | Talk | Talk on Design and Construction of Buildings Using IBS | Wisma IEM | Mr Kim Peter Fallstrom | 70 |
| 1 June | B. Services | | Course | Half Day Course on Gas Supply Acts | Wisma IEM | Ir. Roslee bin Esman | 25 |
| 2-3 June | Oil, Gas and Mining | | Course | 2-Day Course on Fitness for Service - A Critical Assessment of Damaage on Assets | ILSAS, Bangi | Mr Ian Patridge | Cancelled |
| 8 June | Mechanical | | Talk | Talk on Leadership in Engineering | Wisma IEM | Ir. Dr Chong Chien Fatt | 47 |
| 8 June | W. Resources | | Talk | Extended Continental Shelf - The Last Frontier Under National Maritime Jurisdiction | Wisma IEM | Dato Ir. Dr Abu Bakar Jaafar | 11 |
| 10 June | Agri & Food | | Course | 1 Day Course on Boiler/Steam Plant -Operations and Maintenance | Wisma IEM | Mr. R C Raj | 50 |
| 11 June | Oil, Gas and Mining | | Talk | Talk on Developing World Class Maintenance Culture & Aligning Maintenance & Reliability Activities with Strategic Business Decision | Wisma IEM | Ir. Al-Khairi Mohd Daud | 15 |
| 12 June | Tunnelling | | Visit | Technical Visit to the Inlet Tunnel, Triang Water Transfer Tunnel Project, Jelevu, N. Sembilan | Jelevu, N Sembilan | | 23 |
| 12 June | Geotechnical | | Talk | Some Case Histories of Geotechnical Failure and Their Reinstatement Works | Wisma IEM | Ir. Dr J T Chin | 120 |
| 12 June | Geotechnical | | Meeting | 21st Annual General Meeting | Wisma IEM | | 67 |
| 12 June | Environmental | | Visit | Technical Visit to Semenyih Green Bungalow, Selangor | Semenyih, Selangor | | 40 |
| 14 June | Chemical | | Study Tour | CETD Study Tour to Bintulu Chemical Plants, Sarawak | Bintulu, Sarawak | | 11 |
| 16 June | Project Management | | Visit | Technical Visit to the Rapid KL Depot, Subang | Subang | | 30 |
| 17 June | Mechanical | | Talk | Talk on "Engineers and Innovation - The Pass to Wealth" | Wisma IEM | Mr P Kandiah | 24 |
| 19 June | Environmental | | Meeting | 18th Annual General Meeting | Wisma IEM | | 52 |
| 19 June | Environmental | | Talk | Pre AGM Talk on Awareness of Industries on Compliance with Environmental Quality (Sewage) Regulations 2009 and (Industrial Effluent) Regulations 2009 | Wisma IEM | Ir. Dr Shamsudin bin Hj Ab. Latif | 62 |
| 19 June | Mechanical | | Visit | Technical Visit to George Kent Technology, Centre | Puchong, K. Lumpur | | 12 |
| 19 June | G & S Section | | Meeting | 40th Annual General Meeting | Wisma IEM | | 67 |
| 19 June | G & S Section | | Seminar | Your Next Step - Career, Corporate Membership and Professional Engineer | Wisma IEM | Various Presenters | 42 |



| EVENT | ORGANISED BY / SUPPORTED BY | JOINT/MAIN ORGANISERS | NATURE | TITLE AND TOPIC | VENUE | SPEAKERS | NOS |
|------------|-----------------------------|---|---------|---|-----------------------------|---|-----------|
| 21-22 June | Electrical | | Course | Two Day Course on Harmonics in Electrical Installations - Fundamentals, Consequences and Mitigations | UNITEN, Bangi | Ir. Prof Dr Au Mau Teng | 33 |
| 22-23 June | Civil & Struct | | Course | 2 Day Course on Earthquake Ground Motions and Responses of Reinforced Concrete Buildings | Hotel Armada, P. Jaya | Prof Dr Nelson Lam and Dr Hing- Ho Tsang | 85 |
| 23 June | Mechanical | | Course | Half Day Course on Measurement & Verification of Energy Savings using the International Performance Measurement and Verification Protocol (IPMVP) | Wisma IEM | Dr. Jim K. Y. Lim | 15 |
| 23 June | Electrical | | Talk | Applying Reliability Engineering to Electrical Systems | Wisma IEM | Mr Vee Narayan | 20 |
| 23 June | IT SIG | | Talk | What is 4 G and Why is it Important ? | Wisma IEM | Mr Kegan Gan | 51 |
| 24 June | Tunnelling | | Visit | Technical Visit to Electrified Double Track Project Berapit Tunnel and Larut Tunnel | Padang Rengas, Perak | | 26 |
| 26 June | B. Services | | Course | Half Day Course on "Smoke Management Principles and Applications" | Wisma IEM | Ir. Tan Chew | 42 |
| 29 June | B. Services | UM, U of Southampton, UniKL, MASHRAE, British Council | Course | One Day Course on HVAC & R Systems in the Tropics: Implications of Climate Change | Hotel Armada, P. Jaya | Various Presenters | 57 |
| 30 June | Manufacturing | | Talk | Talk on "A Predictive Method In Analysis Past Date - A Real Case on Production Line Setup Time" | Wisma IEM | Mr Gan Chun Chet | 26 |
| 3 July | Agri & Food | | Visit | Technical Visit to the Orchid Nursery Farm at "Hexagon Green Sdn Bhd" | Banting Selangor | | 27 |
| 3 July | Mechanical | | Visit | Technical Visit to Alpine Pipe Manufacturing Facilities | Klang | | 20 |
| 3 July | Manufacturing | | Visit | Technical Visit to Shimba Sdn Bhd | Subang Jaya | | Postponed |
| 3 July | Project Management | | Talk | Project Management for a Mega Operational Capital Development | Wisma IEM | En. Roslan Othman | 87 |
| 3 July | Project Management | | Meeting | 6th Annual General Meeting | Wisma IEM | | 86 |
| 6 July | Eng. Education | | Forum | 1 Day Forum on Road to BEM Accreditation IPTS Experience | Wisma IEM | Various Panelists | Postponed |
| 6 July | APEC NMC | AER NMC | Talk | APEC Engineer Register, ASEAN Engineer Register and Washington Accord | Wisma IEM | Ir. Choo Kok Beng, Ir. Dr Gue See Sew and Ir. Prof Madya Megat Johari | 27 |
| 7 July | Geotechnical | | Talk | Talk on EC7: The Geotechnical Design Code for the Future | Wisma IEM | Prof Trevor Orr | 53 |
| 8 July | Electrical | | Seminar | One Day Seminar on "What's New in EPC Exploration" | TPM, Bukit Jalil, K. Lumpur | Various Presenters | Postponed |
| 8 July | Mechanical | | Talk | Talk on " 25 Years In Machine Design" | Wisma IEM | Ir. Hsiung Teck Pin | 13 |



| EVENT | ORGANISED BY / SUPPORTED BY | JOINT/MAIN ORGANISERS | NATURE | TITLE AND TOPIC | VENUE | SPEAKERS | NOS |
|------------|-----------------------------|--------------------------|------------|--|-----------------------|--|---------------------------|
| 10 July | CESIG | | Talk | Green Developments & Building Performance Simulation Tools for High Performance Building | Wisma IEM | Engr. Sam C S Tan and Engr. Yong Ping Quen | 57 |
| 12 July | Chemical | | Talk | Control in Biomedical Engineering | Wisma IEM | Dr S . Syafie | 7 |
| 13-14 July | Oil, Gas and Mining | | Course | 2-Day Course on Introduction to Industrial NDT | ILSAS Bangi, Selangor | En Mohd Murthadza Abd Rahman and Mohd Noor A Rani | Cancelled |
| 14 July | Civil & Struct | YTL Cement Marketing S/B | Seminar | One Day Seminar on MS 523:2010 Standards for Concrete | Hotel Armada, P. Jaya | Ir. Dr Tam Chat Tim | Postpone - speaker stroke |
| 14 July | Geotechnical | | Talk | Talk on Engineering Geology - 3 Recent Case Studies | Wisma IEM | Mr Tan Boon Kong | 55 |
| 15 July | B. Services | | Course | Half Day Course on "Rain Water Harvesting A Sustainable Resource" | Wisma IEM | Ms Lee Yee Shan and Ms Ivynna Ong | 76 |
| 16 July | W Resources | | Talk | Talk on "Role of Span in Malaysia's Water Industry" | Wisma IEM | En Ahmad Muzamir bin Muhammad and En Noorhashim Barun | 47 |
| 16 July | Civil & Struct | Alpine Pipe | Seminar | One Day Seminar on Steel in Modern Construction: Understanding Materials, Failures & Future Developments | Hotel Armada, P. Jaya | Ir. Assoc Prof Dr Chiew Sing Ping | 75 |
| 17 July | Oil, Gas and Mining | | Talk | Talk on Multiphase Boosting and Metering: Field Proven Systems for Increased Oil and Gas Recovery | Wisma IEM | Mr Mads Huelmeland | 36 |
| 19 July | Agri & Food | | Course | One Day Course on "Selection, Operation and Maintenance of Centrifugal Pumps" | Wisma IEM | Mr Chai Jin Hann | 24 |
| 20-21 July | G & S Section | | Course | 2 Day Course on Fundamental Plumbing Engineering for Graduates and Students | Wisma IEM | Ir. Gary Lim Eng Hwa | 39 |
| 21-22 July | Oil, Gas and Mining | | Course | 2 Day Course on Welding Metallurgy in Engineering Applications | ILSAS Bangi, Selangor | En Mohd Faisal Yusof | 4 |
| 20-22 July | W. Resources | | Visit | Bakun Hydroelectric Project Site Visit | Bintulu, Sarawak | | 18 |
| 21 July | Geotechnical | | Talk | Recent Advances in Column Technologies to Improve Soft Soils | Wisma IEM | Prof Jie Han | 53 |
| 22 July | B. Services | | Talk | Talk on "Non Chemical Cooling Water Treatment by Using Ultra Low Frequency Wave Technology" | Wisma IEM | Mr Ho Kong Seng | 50 |
| 24 July | E & T | PI Sub Comm | Workshop | Professional Interview Workshop | IEM | Ir. Ishak bin Abdul Rahman, Ir. Mohd Aman bin Idris, Ir. Gopal Narian Kutty and Ir. Juares Rizal | Cancelled |
| 24 July | Civil & Struct | | Meeting | 24th Annual General Meeting | IEM | | 85 |
| 24 July | Civil & Struct | | Talk | Pre-AGM Talk on Standards & Safety of Scaffolding & Falsework | IEM | Ir. Lee Kee Bau | 118 |
| 24 July | Agri & Food | UPM | Conference | Open Day Professional Workshop and Food Process Design Workshop | UPM, Serdang | Various Presenters | 10 |



| EVENT | ORGANISED BY / SUPPORTED BY | JOINT/MAIN ORGANISERS | NATURE | TITLE AND TOPIC | VENUE | SPEAKERS | NOS |
|------------|-----------------------------|-----------------------|---------|--|--|---|-----------|
| 24 July | Electronic | | Meeting | 2nd Annual General Meeting | Penang, IEM | | 15 |
| 24 July | Oil, Gas and Mining | | Visit | Visit to Klang Valley Distribution Terminal (KVDT) | Puchong, Selangor | | 24 |
| 25 July | Welfare | | Social | IEM Family Day 2010 | Taman Jaya, P. Jaya | | 504 |
| 26-27 July | Mechanical | | Course | Two Day Course on ASME Code Section VIII Div 1 | Wisma IEM | En Azlan Hassan | 51 |
| 28 July | Mechanical | B. Services MASHRAE | | One Course Building Commissioning and Audit | Wisma IEM | Various Paper Presenters | 85 |
| 29 July | Activities | | Social | IEM Golf Competition 2010 | Kinara Golf Club, Bandar Kinarara, Puchong | | 97 |
| 29 July | CESIG | | Talk | Deliver on a Promised Service and Earn Economic Fees | Wisma IEM | Ir. Rocky Wong Hon Thang | 42 |
| 29 July | IEM Position Paper | | Forum | 1 Day Forum on Water & Environment | Rumah Universiti, U Malaya, K. Lumpur | Various Panelists | 30 |
| 29-30 July | Electrical | ILSAS | Course | 2-Day Course on Failure Analysis of Power Utility Equipment - Introduction, Methodology & Case Studies | ILSAS, Bangi, Selangor | Mdm Ng Guat Peng | 24 |
| 31 July | Oil, Gas and Mining | | Talk | Talk on Technical Safety Studies in Oil and Gas Development Projects | Wisma IEM | Ms Voon Jye Yng | 82 |
| 31 July | Oil, Gas and Mining | | Talk | Talk on Alternatives Means to Break Rock Other than Using Explosives | Wisma IEM | Ir. Look Keman bin Sahari | 65 |
| 31 July | Geotechnical | | Visit | Technical Visit to LCCT | LCCT | | 35 |
| 3 August | Civil & Struct | | Talk | Reactive Powder Concrete | Wisma IEM | Dr Voo Yen Lei | 50 |
| 3-4 August | Oil, Gas and Mining | ILSAS | Course | 2-Day Course on Value Base Maintenance Using Proactive Reliability Concept | Wisma IEM | Ir. Al-Khairi Mohd Daud | Cancelled |
| 4-5 August | G & S Section | | Course | 2-Day Course on Fundamental of Fire Engineering | Wisma IEM | Ir. Gary Lim Eng Hwa | 35 |
| 5 August | Oil, Gas and Mining | | Visit | Technical Visit to Corro Sheild, Bandar Baru Bangi | Bangi, Selangor | | 10 |
| 5 August | High & Trans | | Talk | Talk on "United Nations Decade of Action for Road Safety - Opportunities for Engineers" | Wisma IEM | Prof Dr Ahmad Farhan Mohd Sadullah | 39 |
| 7 August | Civil & Struct | | Visit | Technical Visit to Alpine Factory | Klang, Selangor | | 21 |
| 7 August | Manufacturing | | Meeting | 19th Annual General Meeting | Wisma IEM | | 20 |
| 7 August | Eng. Education | | Meeting | 14th Annual General Meeting | Wisma IEM | | 51 |
| 7 August | Eng. Education | | Talk | Talk on Accreditation Expectations | Wisma IEM | Ir. Assoc Prof Megat Johari bin Megat Mohd Noor | 71 |



| EVENT | ORGANISED BY / SUPPORTED BY | JOINT/MAIN ORGANISERS | NATURE | TITLE AND TOPIC | VENUE | SPEAKERS | NOS |
|--------------|-----------------------------|-----------------------|-----------|--|-------------------|---|-----------|
| 10 August | Oil, Gas and Mining | | Visit | Technical Visit to Golden Plus Quarry at Ampang, Selangor | Ampang, Selangor | | Postponed |
| 14 August | B. Services | | Meeting | 24th Annual General Meeting | Wisma IEM | | 76 |
| 14 August | B. Services | | Talk | Talk on "Fundamentals of District Cooling" | Wisma IEM | Mr Danny Tam Hong Khai | 91 |
| 14-15 August | G & S Section | Toastmaster Club | Course | 2 Day Course on Public Speaking "Speedcraft Program 2010" | Wisma IEM | Toastmasters' Club Speakers | 17 |
| 21 August | Tunnelling | | Talk | Talk on Tunnel Segmental Linings with SERC | Wisma IEM | Mr Ralf Winterberg | 85 |
| 4 September | Project Management | | Talk | Project Manager Competency Development (PMCD) Framework - An Introduction to PMI (USA) Approach | Wisma IEM | Engr. Kanagasingam K.P | 108 |
| 6 September | B. Services | | Talk | Innovative Auto Self- Cleaning Filter Helps you Achieve GBI Points | Wisma IEM | Mr.Glenn Dobbs | 36 |
| 17 September | IEM Business Club | Corporate Affairs | Gathering | Professional Business Networking Session. | Wisma IEM | Dato Ir. Dr Andy Seo Kian Haw | 11 |
| 18 September | Welfare | | Talk | Talk on Eyes Care and Diseases | Wisma IEM | Dr Shamala Ganesan | 28 |
| 18 September | Project Management | | Talk | Talk on Project Management & Six Sigma - A New Approach | Wisma IEM | Mr Selveentharan Muniandy | 86 |
| 20 September | Eng. Education | | Talk | Talk on Advance Computational Engineering is the Way Forward for Reducing Cost and Time to Market: A Myth or Reality ? | Wisma IEM | Ir. Assoc Prof Dr Faris Tarlochan | 41 |
| 22 September | Civil & Struct | | Talk | Waterproofing Solutions For Basement & Underground Structures | Wisma IEM | Mr. Gordon Sprouse | 66 |
| 23 September | CESIG | | Talk | Talk on the Development of a Radar Rainfall Processing Tool (RAIM) for Malaysia | Wisma IEM | Dr James Lee | 45 |
| 25 September | Tunnelling | | Seminar | Half Day Seminar on Pahang- Selangor Water Transfer Tunnel | Wisma IEM | Ir. Jayawant Vithal | 58 |
| 25 September | Oil, Gas and Mining | | Talk | Talk on External Turret Design for Floating Storage Off loading/floating Production Storage Offloading Vessel (FSO/FPSO) | Wisma IEM | Ir. Mohd Azwira Azmi and En Mohd Akmal Abu Hassan | 31 |
| 27 September | W. Resources | | Talk | A Holistic Approach in Coastal Management - The Experience in the Beach Rehabilitation at Teluk Tekek, Pulau Tioman | Wisma IEM | Ir. Khor Chai Huat and Dr Lim Foo Huat | 28 |
| 29 September | W. Resources | | Talk | River Pollution - Revealing the Real Polluters | Wisma IEM | YM Tunku Khalkausar Tunku Fathahi | 52 |
| 30 September | High & Trans | | Seminar | One Day "Seminar on Pavement Condition Assessments (PCA) Methods" | Wisma IEM | Engr. Ahmad Kamel bin Abdul Malik | 77 |
| 2 October | Agri & Food | | Visit | Technical Visit to "Liftech Engineering (KL) Sdn Bhd" | Puchong, Selangor | | 14 |



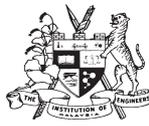
| EVENT | ORGANISED BY / SUPPORTED BY | JOINT/MAIN ORGANISERS | NATURE | TITLE AND TOPIC | VENUE | SPEAKERS | NOS |
|-----------------|-----------------------------|-----------------------|----------|--|----------------------------------|--|-----------|
| 2 October | Chemical | | Talk | Talk on CDM Validation and Verification Processes | Wisma IEM | Ms Aminah Ang | 53 |
| 5-7 October | Eng. Education | | Course | 3 Day Short Course on Structural Optimisation : Theory and Applications | Wisma IEM | Dr Adel Elsaie | Cancelled |
| 6-7 October | Oil, Gas and Mining | ILSAS & WIM | Course | 2 Day Course on Specific Materials & Their Behaviour in Engineering Applications | Wisma IEM | En Mohd Faisal Yusof | 8 |
| 6 October | Electrical | | Talk | Qualitative and Quantitative Approach for Modern Electrical Reliability Maintenance | Wisma IEM | Ir. Lam Sing Yew | 36 |
| 9 October | Chemical | | Talk | Carbon Footprint Reduction For Cleaner Production | Wisma IEM | Ir. Assoc Prof Dr Abdul Aziz Abdul Raman and Ir. Assoc Prof Dr Dominic Foo Chwan Yee | 98 |
| 9 October | Chemical | | Meeting | 24th Annual General Meeting | Wisma IEM | | 73 |
| 11 October | Eng. Education | | Forum | Half Day Forum on Road to BEM Accreditation IPTS Experience | Wisma IEM | Prof Ramesh Singh, Asso Prof Dr Izham Zainal Abidin and Dr Jimmy Mok Vee Hoong | 51 |
| 11- 12 October | Project Management | Genaxis | Course | A 2 Day Course on Project Management & Six Sigma | Wisma IEM | Mr Dev and Mr Mahadev Prasad | 48 |
| 13 October | Women Engineers | Welfare | Talk | Talk on "Clean and Green Technologies - What is the Fuss all About?" | Wisma IEM | Engr. Kee Wai Fun | 41 |
| 13 October | Electrical | | Seminar | Half Day Seminar on "GHG Intensity Reduction" | Wismas IEM | Ir. Lalchand, Ms Wei Nee Chen/Ar Vun Kok Leong | Postponed |
| 16 October | Tunnelling | | Visit | Technical Visit to Interstate Water Transfer Tunnel Project | Karak, Pahang | | 18 |
| 16 October | Mechanical | | Talk | Talk on "How to Motivate and Retain Young and Talented Engineers" | Wisma IEM | Ir. Dr Chong Chien Fatt | 67 |
| 16 October | Mechanical | | Meeting | 25th Annual General Meeting | Wisma IEM | | 54 |
| 16 October | Mechanical | | Lucheon | METD Networking & IEM Building Fund Raising Lunch 2010 | Hotel Armada, P. Jaya | | 250 |
| 19 October | Project Management | | Talk | Talk on Naval Weapons Systems Project Management and Engineering Challenges | Wisma IEM | Ltd Cdr Ir. Ahmad Mazlan Hj Zahari | 35 |
| 19 - 20 October | Oil, Gas and Mining | ILSAS | Workshop | Strategic Management Thinking Process Workshop | TNB Integrated Learning Solution | Tuan Hj Mohd Fuad bin Hj Ahmad | 0 |
| 20 October | W. Resources | Welfare | Talk | Talk on Proposed Development of Langat 2 Water Treatment Plant and Water Reticulation System (Phase 1) in Selangor Darul Ehsan/Wilayah Persekutan Kuala Lumpur | Wisma IEM | Tuan Hji Kamaruddin bin Abdul Razak | 76 |
| 21 October | Women Engineers | | Talk | Talk on "Is My Cash Flow Optimised ? Why Should I even Care ?" | Wisma IEM | Ms Joyce Lim | 11 |



| EVENT | ORGANISED BY / SUPPORTED BY | JOINT/MAIN ORGANISERS | NATURE | TITLE AND TOPIC | VENUE | SPEAKERS | NOS |
|----------------|-----------------------------|-----------------------|---------------|--|--------------------------------|--|-----------|
| 21 October | High & Trans | | Visit | Technical Visit to South Klang Valley Expressway (SKVE) | K. Lumpur | | 22 |
| 23 October | Activities | Eng. Alumni UM | Lecture | 20th Annual Professor Chin Fung Kee Memorial Lecture On Dam Engineering: State of the Art and Practice Observed Behavior and Future Challenges | Wisma IEM | Prof Pedro Simao Seco e Pinto | 166 |
| 24 October | Mechanical | | Social | Networking Lunch | Hotel Armada, P. Jaya | | 240 |
| 26 October | Geotechnical | | Talk | Talk on Full Displacement Pile (FDP) and Cutter Soil Mixing (CSM) Methods | Wisma IEM | Engr. Franz-Wener Gerresen | 51 |
| 27 October | Oil, Gas and Mining | | Seminar | One Day Seminar on Drilling Engineering Overview | Wisma IEM | En Razak Yakob | 20 |
| 28 October | W. Resources | | Course | One Day Course on Inspection, Maintenance and Repair of Marine Structures | Wisma IEM | Ir. Kok Choo Mei | 91 |
| 28 October | Geotechnical | | Talk | Talk on The Magic of Sands | Wisma IEM | Prof David Muir Wood | 45 |
| 30 October | High & Trans | | Forum | IEM Forum on "Sustainable Public Transport System for Klang Valley - From BMW to MRT" (BMW=Bus Mini Wilayah) | Wisma IEM | Prof Dr Ahmad Farhan Mohd Sadullah, Pn Norliza Hashim, Ir. Dr. Rosli Nekmat and Ir. Chin Kar Keong | 133 |
| 30 October | High & Trans | | Meeting | 19th Annual General Meeting | Wisma IEM | | 85 |
| 1 November | Mechanical | | Talk | Talk on "Understanding the Principles of Ethical Decision Making in Engineering" | Wisma IEM | Ir. Dr Chong Chien Fatt | 28 |
| 2 November | Civil & Struct | | Talk | Talk on "Gerbang Selatan Bersepadu - Medium Term Link" | Wisma IEM | Ir. Teh Zyzy Wooi | 60 |
| 2 November | Mechanical | | Talk | Talk on "How to Improve your Engineering Consultancy Selling Skills" | Wisma IEM | Ir. Dr Chong Chien Fatt | 31 |
| 6 November | Women Engineers | Welfare | Workshop | Half Day Workshop on Flower Arrangement | Wisma IEM | Miss Tan Bee Lee and Mr Lim Boon Yan | Postponed |
| 10 November | Women Engineers | Welfare | Talk | Talk on Enhancing Self Value Through High Self Awareness | Wisma IEM | Ms Choy Boon Ling | 22 |
| 11 November | Electrical | | Talk | Integrated Engineering Services (CPC 8673) - ETI/SET - Centre Project Management and/or EPCC | Wisma IEM | Ir. Rocky Wong Hon Thang | 53 |
| 10-12 November | B. Services | MASHRAE | Conference | IAQ 2010: Airborne Infection Control - Ventilation , IAQ & Energy | Berjaya Times Square K. Lumpur | Various Presenters | 282 |
| 12 November | Corporate Affairs | | Courtesy Call | Courtesy Call from MAICSA | IEM | | 10 |
| 12 November | IEM Business Club | Corporate Affairs | Meeting | Professional Business Networking Session | IEM | Dato Ir. Andy Seow Kian Haw | 10 |
| 13 November | Oil, Gas and Mining | | Talk | Talk on Civil, Structural & Pipeline Engineering in Oil & Gas Industry | Wisma IEM | Ir. Mohd Nazri Mustafa, En Zulhimi Lihin and En Asirwan M Tuselim | 64 |



| EVENT | ORGANISED BY / SUPPORTED BY | JOINT/MAIN ORGANISERS | NATURE | TITLE AND TOPIC | VENUE | SPEAKERS | NOS |
|------------------|-----------------------------|-----------------------|------------|---|----------------------------|--|-----------|
| 13 November | Oil, Gas and Mining | | Meeting | 20th Annual General Meeting | Wisma IEM | | 55 |
| 16-19 November | Corporate Affairs | IEM Business Club | Social | Business Trip to The 2nd CIE -IEM International Symposium on Electrical, Electronic & Energy Saving | Taipei, Taiwan | Various Presenters and tour | 10 |
| 16 November | Consulting Engineers | | Talk | Green Technology for Sustainable Foundation Treatment of A High Embankment Constructed on Peaty Clay Soil | Wisma IEM | Ir. Kenny Yee | 92 |
| 16 November | Building Services | MFPA, BOMBA | Seminar | Seminar on Design and Industry Practices on Fire Safety | Hotel Mutiara, Johor Bahru | Various Presenters | 60 |
| 18 November | Geotechnical | | Seminar | 1 Day Seminar on Engineering Fill | Wisma IEM | Ir. Kenny Yee, Ir. Dr Ting Wen Hui and Ir Neoh Cheng Aik | 47 |
| 18 November | Mechanical | | | Talk on "Self Motivation for Engineers" | Wisma IEM | Ir. Dr Chong Chien Fatt | 31 |
| 18 November | Eng. Education | | Talk | Talk on Problem- Based Learning in Engineering Education | Wisma IEM | Assoc Prof Dr Teoh Kok Soo | 27 |
| 20 November | Agri & Food | | Visit | Technical Visit to the "Valves Stockiest at Valmatic Engineering Sdn Bhd | Shah Alam, Selangor | | 18 |
| 20 November | Project Management | | Talk | Talk on Project Learning : Learning in and from Projects for Sustainable Innovativeness and Competitive Advantage | Wisma IEM | Sr Dr Zulkiflee Abdul Samad | 63 |
| 22 - 23 November | Civil & Struct | | Workshop | 2 Day Course on Structural Design To Eurocodes -EC4 (Composite Construction) & Fire Engineering | Hotel Armada, P. Jaya | Prof Roger Plank and Dr Buick Davison | 101 |
| 24 November | Mechanical | Monash U, IMechE, UKM | Symposium | Symposium on Energy & Green Technology - Hydrogen & Fuel Cell | Monash U Sunway Campus | Various Paper Presenters | 168 |
| 25 November | Agri & Food | | Visit | Technical Visit to the "Yakult (M) Sdn Bhd Factory in Seremban | Seremban | | 32 |
| 25 November | Eng. Education | | Talk | Talk on Cutting Tool Path Optimisation for Aerospace Components | Wisma IEM | Dr Mohd Khairol Anuar Mohd Ariffin | 22 |
| 25 November | Electrical | | Course | One Day Short Course on "ATS & TVSS" | Wisma IEM | Mr Mardian Junus | 46 |
| 27 November | E & T | PI Sub Comm | Workshop | Professional Interview Workshop | Wisma IEM | Ir. Dr Muhd Fuad, Ir. Noor Hismah, Ir. Juares Rizal and Ir. Ishak Abdul Rahman | 75 |
| 27 November | G & S Sction | | Tournament | IEM Fustal Tournament 2010 | Kajang Sportplanet | | Postponed |
| 23 November | Electrical | | Talk | Talk on Malaysia's Feed -in Tariff and International Best Practice | Wisma IEM | Mr David Jerome Pascal Jacobs | 52 |
| 30 November | Environment | EAMC | Talk | Talk on "Emissions Mitigation and Energy Generation From Wastewater Treatment Using Green Microbes | Wisma IEM | Prof Show Kuan Yeow | 51 |



| EVENT | ORGANISED BY / SUPPORTED BY | JOINT/MAIN ORGANISERS | NATURE | TITLE AND TOPIC | VENUE | SPEAKERS | NOS |
|--------------------------|-----------------------------|--|---------------------|---|-------------------|---|-----------|
| 30 November | CESIG | | Talk | Talk on Challenges of Engineers in 21st Century | Wisma IEM | Ir. Yim Hon Wa | Postponed |
| 30 November | Geotechnical | | Talk | Talk on Area Based Landslide Risk and Hazard Mapping | Wisma IEM | Ir. Dr Mohd Asbi Othman | 66 |
| 29 - 30 November | Oil, Gas and Mining | TNB Integrated Learning Solution ILSAS | Course | Course Maintenance Using Proactive Reliability Concept | Wisma IEM | Ir. Al-Khairi Mohd Daud | 15 |
| 30 November - 3 December | Activities | AFEO | Conference | 28th Conference of ASEAN Federation of Engineering Organisations | Hanoi, Vietnam | Various Presenters | 400 |
| 1 December | Welfare | | Talk | Talk on The New Rules of Money Management | Wisma IEM | Mr Yap Ming Hui | 17 |
| 1 December | PPC | Fire Advisory Board | Talk | Talk on Guidelines on the Use of Ductless Jet Fan System in Car Parks | Wisma IEM | Ir. PS Soong | 84 |
| 2 December | B. Services | | Course | Half Day Course on "1). Desiccant Technologies for DeHumidifications & Cooling 2). Natural Refrigerants: Meeting the Challenges to Sustaibability | Wisma IEM | Prof Dr Sanjeev Jain | 21 |
| 2-3 December | Project Management | | Course | 2 Day Course on Essential Project Management | Wisma IEM | Ir. Lee Boon Chong | 44 |
| 4 December | Environmental | PI Sub Comm | Talk | Talk on "Electronic Industrial Code of Conduct - From the Environmental Safety and Health Perspective" | Wisma IEM | Mr Allen Lim | 33 |
| 4 December | E & T | | Workshop | Professional Interview Workshop | Wisma IEM | Ir. Gopal N Kutty, Ir. Tar Singh, Ir. Juares Rizal and Ir. Hoo Choon Sean | 79 |
| 6 December | Geotechnical | Water Resources | Talk | A New Design Method of Using Drilled Shafts to Stabilise an Unstable Slope | Wisma IEM | Prof Rober Liang | 65 |
| 8-9 December | Mechanical | | Exhibition cum Talk | Two Day Exhibition cum Forum and Technical Talks on Water and Industrialised Building System (IBS) | Wisma IEM | Various Presenters | 45 |
| 13 December | High & Trans | | Workshop | Ome Day Workshop on State of the Art Traffic Controller | Wisma IEM | Prof George F List and Ir. Daniel Ong Tse Herng | 54 |
| 13 December | Eng. Education | | Talk | Talk on "Enhancing Engineering Student Learning Through Research" | Wisma IEM | Engr. Jimmy Mok Vee Hoong | 34 |
| 14 December | Mechanical | | Talk | Talk on "Successful Engineering Negotiation Skills" | Wisma IEM | Ir. Dr Chong Sun Fatt | 65 |
| 14 December | Electrical | | Seminar | Seminar on Public Address System | Wisma IEM | Mr Lim Jong Chieh and Mr Ng Teck Lih | 50 |
| 15 December | Eng. Education | | Talk | Talk on "Design Challenges for the Future - The Malaysian Perspective" | Wisma IEM | Dr B T Hang Tuah Baharudin | 53 |
| 15 December | Agri & Food | | Visit | Technical Visit to the "Kenaf Polymer Composite Pilot Plant, MARDI" | Serdang, Selangor | | 20 |



| EVENT | ORGANISED BY / SUPPORTED BY | JOINT/MAIN ORGANISERS | NATURE | TITLE AND TOPIC | VENUE | SPEAKERS | NOS |
|----------------|-----------------------------|-----------------------|----------|--|-----------|------------------------|-----------|
| 15-16 December | Geotechnical | | Seminar | 2-Day Seminar on Geotechnical Engineering | Wisma IEM | Various Presenters | 125 |
| 18 December | Women Engineers | Welfare | Workshop | One Day Workshop on Professional Photography | Wisma IEM | Mr Tay A Wai | 20 |
| 18 December | Position Paper | Project Management | Forum | Half Day Forum on Relevancy of Project Management Consultancy | Wisma IEM | Various Panelists | Postponed |
| 20 December | Electrical | | Talk | ASEAN Intergration Initiatives in Standards and Conformance ASEAN Harmonised Electrical and Electronic Equipment Regulatory Regime (AHEEERR) | Wisma IEM | En Abdul Rahim Ibrahim | 20 |
| 21 December | CESIG | | Talk | Talk on Challenges of Engineers in 21st Century | Wisma IEM | Ir. Yim Hon Wa | 64 |
| 21 December | Women Engineers | Welfare | Talk | Talk on Engineering Your Way to Wealth | Wisma IEM | Mr Tan Tang Bee | 20 |



Honorary Treasurer's Report

1. The 2010 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. It is also to be noted that with effect from 2010, the presentation of the fiscal Statement of Accounts and Balance Sheet had been changed to be in line with the Private Entity Reporting System as required by the External Auditors.
2. The total income for year 2010 is RM4,749,864 (including RM317,029 – net income from Institutional services) which is RM570,369 more than that of year 2009 due mainly to the increase in membership, dividend received from IEM Training Centre Sdn Bhd and improved performance of Technical Divisions. The main sources of income were annual subscriptions amounting to RM2,632,486, rental RM1,234,171, dividend from IEM Training Centre Sdn Bhd RM100,000, income from credit cards RM116,193, and income from Technical Divisions' activities amounting to RM435,987. IEM received a grant from MIDA amounting to RM472,100 to conduct the Outreach Programme on Exporting of Engineering Services and another RM1,000,000 for the upgrading of the IEM IT facilities to a web portal. To date, MIDA had issued payment of 50% of the total sum. The project had completed and disbursement of the balance is currently pending from MIDA.
3. The total expenditure of the Institution was RM4,270,158, which was RM98,313 more than that of year 2009. The main expenditure items were personnel emoluments RM1,680,768, administrative expenses RM752,295, maintenance of Bangunan Ingenieur (including utilities) RM201,858, repairs and maintenance of Wisma IEM RM56,610, term loan interest RM626,075 and Branch Subsidies RM260,466.
4. In addition, IEM was advised by the External Auditors that there was a need to consolidate the accounts of IEM Training Centre Sdn Bhd being a wholly owned subsidiary into the IEM fiscal Statement of Accounts and Balance Sheet. The consolidated figures are as per the figures in the Group columns.
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.
6. In the meanwhile, the Institution through its many institutional services, are also working hard to generate much needed revenue from various paid activities such as seminars, courses, workshops, talks, conferences and also exhibitions. Income generated from these activities will go toward the building fund and also to alleviate the burden in operational costs of running the Institution.

.....
Ir. Aasoc Prof Dr Jeffrey Chiang Choong Luin
Honorary Treasurer

Kuala Lumpur,
Date: 22 March 2011

Honorary Internal Auditor's Report

We have examined the Balance Sheet as at 31st December 2010, the Income and Expenditure Account together with Notes on the Accounts set out on pages 127 to 142, accounting and other records.

We hereby certify that they give a true and fair view of the state of affairs and the results of the Institution's operations for the year ended on that date.

.....
Ir. Awangku Hidup Bin Awangku Hossain
Honorary Internal Auditor

.....
Ir. Prof Dr Siti Hawa Binti Hamzah
Honorary Internal Auditor



Balance sheet as at 31 December 2010

| | Note | Group | | Institution | |
|---------------------------------------|------|-------------------|-------------------|-------------------|------------------------|
| | | 2010 RM | 2009 RM | 2010 RM | 2009 RM restated |
| Property, plant and equipment | 3 | 16,091,603 | 15,743,874 | 15,947,030 | 15,648,418 |
| Investment in subsidiary | 4 | - | - | 100,002 | 100,002 |
| Current assets | | | | | |
| Receivables, deposits and prepayments | 5 | 2,132,945 | 1,099,661 | 1,485,677 | 877,590 |
| Amount due from a subsidiary | 6 | - | - | 107 | - |
| Subscription in arrears | | 593,863 | 431,676 | 593,863 | 431,676 |
| Tax recoverable | | 43,048 | 14,578 | 43,048 | 14,578 |
| Cash and cash equivalents | 7 | 3,169,094 | 4,804,137 | 2,746,032 | 4,328,916 |
| | | 5,938,950 | 6,350,052 | 4,868,727 | 5,652,760 |
| Current liabilities | | | | | |
| Payables and accruals | 8 | 3,581,607 | 3,719,326 | 3,470,061 | 3,559,402 |
| Amount due to a subsidiary | 6 | - | - | - | 63,331 |
| Subscription in advance | | 135,628 | 133,282 | 135,628 | 133,282 |
| Borrowings | 14 | 469,772 | 276,328 | 469,772 | 276,328 |
| Tax payable | | 16,728 | 33,329 | - | - |
| | | 4,203,735 | 4,162,265 | 4,075,461 | 4,032,343 |
| Net current assets | | 1,735,215 | 2,187,787 | 793,266 | 1,620,417 |
| | | 17,826,818 | 17,931,661 | 16,840,298 | 17,368,837 |
| Financed by: | | | | | |
| Capital and reserves | | | | | |
| Accumulated fund | 9 | 4,429,376 | 3,525,974 | 3,442,856 | 2,963,150 |
| Capital reserve fund | 10 | 952,625 | 569,596 | 952,625 | 569,596 |
| Capital contribution reserve | 11 | 1,836,095 | 1,608,335 | 1,836,095 | 1,608,335 |
| Library fund | 12 | 484,011 | 438,291 | 484,011 | 438,291 |
| Building fund | 13 | 1,425,791 | 1,053,880 | 1,425,791 | 1,053,880 |
| | | 9,127,898 | 7,196,076 | 8,141,378 | 6,633,252 |
| Long term liabilities | | | | | |
| Borrowings | 14 | 8,698,920 | 10,735,585 | 8,698,920 | 10,735,585 |
| | | 17,826,818 | 17,931,661 | 16,840,298 | 17,368,837 |

The notes on pages 130 to 142 are an integral part of these financial statements, and should be read in conjunction with these financial statements.

Statement of income and expenditure for the year ended 31 December 2010

| | Note | Group | | Institution | |
|-------------------------------|------|------------|------------|-------------|------------------------|
| | | 2010 RM | 2009 RM | 2010 RM | 2009 RM restated |
| Income | | | | | |
| Members' subscription fees | | 2,632,486 | 2,460,621 | 2,632,486 | 2,460,621 |
| Seminar and conference income | | 1,827 | 19,637 | 1,827 | 19,637 |
| Sales of publications | | 5,355 | 4,577 | 5,355 | 4,577 |
| Rental income | | 1,214,971 | 1,213,758 | 1,234,171 | 1,232,958 |
| Interest income | | 23,636 | 25,775 | 23,636 | 25,775 |
| Subscriptions recovered | | 26,125 | 40,465 | 26,125 | 40,465 |
| Membership reinstatement fees | | 21,030 | 4,300 | 21,030 | 4,300 |
| Dividend | | - | - | 100,000 | - |
| Advertisement | | - | 50,000 | - | - |



| | | | | | |
|--|----|--------------------|--------------------|--------------------|--------------------|
| Miscellaneous income | | | | | |
| - Credit cards commission | | 116,193 | 102,221 | 116,193 | 102,221 |
| - Arbitration processing fees | | 500 | 3,000 | 500 | 3,000 |
| - Arbitration levy | | 43,443 | 11,385 | 43,443 | 11,385 |
| - Others | | 126,960 | 148,239 | 124,177 | 142,398 |
| - Grant | | 103,892 | 132,158 | 103,892 | 132,158 |
| | | 4,316,418 | 4,216,136 | 4,432,835 | 4,179,495 |
| Less: Expenditure | | | | | |
| Personnel emoluments and benefits | 15 | (1,923,315) | (1,745,172) | (1,680,768) | (1,630,983) |
| Administrative expenses | 16 | (778,085) | (754,495) | (752,295) | (729,562) |
| Branch subsidies | 17 | (260,466) | (267,149) | (260,466) | (267,149) |
| Inter-society activities | 18 | (10,806) | (11,311) | (10,806) | (11,311) |
| Bangunan Ingenieur | 19 | (201,858) | (169,596) | (201,858) | (169,596) |
| Wisma IEM | 20 | (56,610) | (108,271) | (56,610) | (108,271) |
| Subscription in arrears written off | | (267,455) | (241,127) | (267,455) | (241,127) |
| Depreciation of property, plant and equipment | | (426,973) | (420,789) | (413,824) | (413,156) |
| Finance costs | | (626,076) | (600,690) | (626,076) | (600,690) |
| | | (4,551,644) | (4,318,600) | (4,270,158) | (4,171,845) |
| Surplus/(Deficit) from institutional services | 21 | 1,269,110 | 273,387 | 317,029 | (115,496) |
| Surplus/(Deficit) before taxation | | 1,033,884 | 170,923 | 479,706 | (107,846) |
| Tax expense | 22 | (130,482) | (14,799) | - | 41,354 |
| Surplus/(Deficit) for the year | | 903,402 | 156,124 | 479,706 | (66,492) |
| Other contributions received | | | | | |
| Capital reserve fund | | | | | |
| Contribution from branches | | 383,029 | - | 383,029 | - |
| Library fund | | | | | |
| Enrollment fees and donation received | 32 | 45,720 | 24,433 | 45,720 | 24,433 |
| Building fund | | | | | |
| Donation received | 32 | 371,911 | 410,729 | 371,911 | 410,729 |
| | | 800,660 | 435,162 | 800,660 | 435,162 |
| Total surplus and other contributions received for the year | | 1,704,062 | 591,286 | 1,280,366 | 368,670 |

The notes on pages 130 to 142 are an integral part of these financial statements, and should be read in conjunction with these financial statements.

Statement of recognised gains and losses for the year ended 31 December 2010

| | Group | | Institution | |
|--|------------|------------|-------------|------------------------|
| | 2010 RM | 2009 RM | 2010 RM | 2009 RM restated |
| Total surplus and other contributions received for the year | 1,704,062 | 591,286 | 1,280,366 | 368,670 |

The notes on pages 130 to 142 are an integral part of these financial statements, and should be read in conjunction with these financial statements.



Statements of cash flow for the year ended 31 December 2010

| | Group | | Institution | |
|--|--------------------|------------------|--------------------|------------------------|
| | 2010 RM | 2009 RM | 2010 RM | 2009 RM restated |
| Cash flows from operating activities | | | | |
| Total surplus and other contributions received | 1,704,062 | 591,286 | 1,280,366 | 368,670 |
| Tax expense | 130,482 | 14,799 | - | (41,354) |
| Total surplus and other contributions received before tax | 1,834,544 | 606,085 | 1,280,366 | 327,316 |
| Adjustments for: | | | | |
| Depreciation of property, plant and equipment | 426,973 | 420,789 | 413,824 | 413,156 |
| Finance costs | 626,076 | 600,690 | 626,076 | 600,690 |
| Interest income | (23,636) | (25,775) | (23,636) | (25,775) |
| Operating surplus before changes in working capital | 2,863,957 | 1,601,789 | 2,296,630 | 1,315,387 |
| Changes in working capital: | | | | |
| Other receivables, deposits and prepayments | (1,033,284) | (214,043) | (608,087) | (172,242) |
| Subscription in arrears | (162,187) | (47,764) | (162,187) | (47,764) |
| Other payables | (137,719) | 593,978 | (152,779) | 622,399 |
| Subscription in advance | 2,346 | (56,293) | 2,346 | (56,293) |
| Cash generated from operations | 1,533,113 | 1,877,667 | 1,375,923 | 1,661,487 |
| Income taxes paid | (175,553) | (55,900) | (28,470) | (25,900) |
| Interest paid | (626,076) | (600,690) | (626,076) | (600,690) |
| Net cash generated from operating activities | 731,484 | 1,221,077 | 721,377 | 1,034,897 |
| Cash flows from investing activities | | | | |
| Interest received | 23,636 | 25,775 | 23,636 | 25,775 |
| Purchase of property, plant and equipment | (774,702) | (464,481) | (712,436) | (442,058) |
| Entrance and transfer fees capitalised | 227,760 | 220,795 | 227,760 | 220,795 |
| Net cash used in investing activities | (523,306) | (217,911) | (461,040) | (195,488) |
| Cash flows from financing activities | | | | |
| Repayment of borrowing | (1,843,221) | (630,798) | (1,843,221) | (630,798) |
| Net cash (used in)/generated from financing activities | (1,843,221) | (630,798) | (1,843,221) | (630,798) |
| Net (decrease)/increase in cash and bank balances | (1,635,043) | 372,368 | (1,582,884) | 208,611 |
| Cash and bank balances at beginning of year | 4,804,137 | 4,431,769 | 4,328,916 | 4,120,305 |
| Cash and bank balances at end of year | 3,169,094 | 4,804,137 | 2,746,032 | 4,328,916 |
| Cash and bank balances comprise: | | | | |
| Deposits with licensed banks | 1,947,000 | 2,241,019 | 1,696,655 | 1,990,673 |
| Cash and bank balances | 1,393,748 | 2,716,643 | 1,221,031 | 2,491,768 |
| Less: Bank balances held in trust | (171,654) | (153,525) | (171,654) | (153,525) |
| | 3,169,094 | 4,804,137 | 2,746,032 | 4,328,916 |

The notes on pages 130 to 142 are an integral part of these financial statements, 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 registered office and principal place of business is as follows:

Bangunan Ingenieur, Lot 60/62
Jalan 52/4 Peti Surat 223 (Jalan Sultan)
46720 Petaling Jaya
Selangor Darul Ehsan

The financial statements were approved and authorised for issue by the Council of the Institution of Engineers, Malaysia on 21st March 2011.

1. Principal activity

The principal activity of the Institution of Engineers, Malaysia 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. The principle activities of the subsidiary are stated in Note 4 to the financial statements.

2. Significant accounting policies

The following accounting policies are adopted by the Institution and are consistent with those adopted in previous years.

(a) Basis of measurement

The financial statements of the Institution of Engineers, Malaysia (hereafter referred to as "Institution"), excluding its branches' assets and liabilities and income and expenditure, and its subsidiary are prepared on the historical cost basis and in accordance with approved accounting standards and the constitution and by-laws of the Institution.

(b) Basis of consolidation

(i) Subsidiary

Subsidiary is an entity, including unincorporated entities, controlled by the Group. Control exists when the Group has the ability to exercise its power to govern the financial and operating policies of an entity so as to obtain benefits from its activities. In assessing control, potential voting rights that presently are exercisable are taken into account. The subsidiary is consolidated using the purchase method of accounting.

Under the purchase method of accounting, the financial statements of the subsidiary is included in the consolidated financial statements from the date that control commences until the date that control ceases.

Investments in a subsidiary is stated in the Institution's balance sheet at cost less any impairment losses.

(ii) Transactions eliminated on consolidation

Intra-group balances and transactions, and any unrealised income and expenses arising from intra-group transactions, are eliminated in preparing the consolidated financial statements.

(c) Property, plant and equipment

Freehold land is stated at cost. All other property, plant and equipment are stated at cost less accumulated depreciation and any accumulated impairment losses.

Property, plant and equipment retired from active use and held for disposal are stated at the lower of net book value and net realisable value.

Depreciation

Freehold land is not depreciated. Leasehold land and buildings are depreciated over the shorter of the lease term and their useful lives, unless it is reasonably that the Institution will obtain the ownership by end of the lease term. The straight-line method is used to depreciate the cost of the assets over the term of their estimated useful lives at the following principal annual rates:

| | |
|------------------------------|-----------|
| Freehold buildings | 2% |
| Leasehold land and buildings | 2% |
| Furniture and fittings | 5% - 20% |
| Office equipments | 10% - 20% |
| Library books | 10% |
| Building renovation | 5% |



(d) Receivables

Receivables are initially recognised at their cost when the contractual right to receive cash or another financial asset from another entity is established.

Subsequent to initial recognition, receivables are stated at cost less allowance for doubtful debts.

Receivables are not held for the purpose of trading.

(e) Subscription in arrears

Subscription in arrears of one year and more and where, in the opinion of the Council, are no longer recoverable from its members are written off to the statement of income and expenditure.

(f) Cash and bank balances

Cash and bank balances consist of cash on hand and balances and deposits with licensed banks which have an insignificant risk of changes in value, net of bank balances held in trust.

(g) Payables

Payables are measured initially and subsequently at cost. Payables are recognised when there is a contractual obligation to deliver cash or another financial asset to another entity.

(h) Loans and borrowings

Loans and borrowings are stated at amortised cost with any difference between the cost and redemption value being recognised in the statement of income and expenditure over the period of the loans and borrowings using the effective interest method.

(i) Taxation

Tax on 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.

Deferred tax liability is recognised for any taxable temporary differences. A deferred tax asset is recognised only to the extent that it is probable that future taxable profits will be available against which temporary differences can be utilised.

(j) Capital reserve fund

Fund raised from members for the purchase of property, plant and equipment are capitalised as Capital Reserve Fund.

(k) Capital contribution reserve

Entrance and transfer fees received from members are capitalised as Capital Reserve Fund in accordance with the constitution and by-laws of the Institution. A separate cash account has been kept for the reserve.

(l) Library fund

Enrollment fee received from corporate member for library membership of the Institute and donation received from members or non members for capital expenditure of the library are capitalised as Library Fund. A separate cash account has been kept for the fund.

(m) Building fund

Funds and donations received from members for the purchase of Wisma IEM are capitalised in Building Fund. A separate cash account has been kept for the fund.



(n) Income recognition

(i) Member's subscription fee

Member's subscription fee is payable annually at the beginning of the financial year. Only that subscription which is attributable to the current financial year is recognised as income. Subscription relating to periods beyond the current financial year is taken up in the Balance Sheet as subscription in advance under Current Liabilities. Subscription is payable in full irrespective of the date of resignation of members during the financial year.

(ii) Advertisement in 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.

(vi) Dividend income

Dividend income is recognised when the right to received payment is established.

(o) Interest expense

All interest expense is recognised in the statement of income and expenditure as it accrues, using effective interest method.

(p) Impairment of assets

The carrying amounts of assets are reviewed at each reporting date to determine whether there is any indication of impairment. If any such indication exists, then the asset's recoverable amount is estimated.

The recoverable amount of an asset or cash-generating unit is the greater of its value in use and its fair value less costs to sell. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset. For the purpose of impairment testing, assets are grouped together into the smallest group of assets that generates cash inflows from continuing use that are largely independent of the cash inflows of other assets or groups of assets (the "cash-generating unit").

An impairment loss is recognised if the carrying amount of an asset or its cash-generating unit exceeds its recoverable amount. Impairment losses are recognised in the statement of income and expenditure. Impairment losses recognised in respect of cash-generating units are allocated first to reduce the carrying amount of any goodwill allocated to the units and then to reduce the carrying amount of the other assets in the unit (groups of units) on a pro rata basis.

Impairment losses recognised in prior periods are assessed at each reporting date for any indications that the loss has decreased or no longer exists. An impairment loss is reversed if there has been a change in the estimates used to determine the recoverable amount. An impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortisation, if no impairment loss had been recognised. Reversals of impairment losses are credited to the statement of income and expenditure in the year in which the reversals are recognised.

(q) Employee benefits

Short term employee benefits

Short-term employee benefit obligations in respect of salaries, annual bonuses, paid annual leave and sick leave are measured on an undiscounted basis and are expensed as the related service is provided.



A provision is recognised for the amount expected to be paid under short-term cash bonus or profit-sharing plans if the Group has a present legal or constructive obligation to pay this amount as a result of past service provided by the employee and the obligation can be estimated reliably.

The Group's contribution to statutory pension funds are charged to the statement of income and expenditure in the year to which they relate. Once the contributions have been paid, the Group has no further payment obligations.

3. Property, plant and equipment

| Group 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 2010 | 234,279 | 468,557 | 15,285,746 | 273,229 | 1,528,932 | 318,996 | 750,918 | 18,860,657 |
| Additions | 96,000 | 192,000 | 280,000 | 7,741 | 89,096 | - | 109,865 | 774,702 |
| At 31 December 2010 | 330,279 | 660,557 | 15,565,746 | 280,970 | 1,618,028 | 318,996 | 860,783 | 19,635,359 |
| Depreciation | | | | | | | | |
| At 1 January 2010 | - | 89,578 | 1,041,923 | 190,528 | 1,170,774 | 314,248 | 309,732 | 3,116,783 |
| Charge for the year | - | 13,211 | 302,603 | 6,348 | 72,063 | 2,827 | 29,921 | 426,973 |
| At 31 December 2010 | - | 102,789 | 1,344,526 | 196,876 | 1,242,837 | 317,075 | 339,653 | 3,543,756 |
| Net book value | | | | | | | | |
| At 31 December 2010 | 330,279 | 557,768 | 14,221,220 | 84,094 | 375,191 | 1,921 | 521,130 | 16,091,603 |
| At 31 December 2009 | 234,279 | 378,979 | 14,243,823 | 82,701 | 358,158 | 4,748 | 441,186 | 15,743,874 |
| Depreciation charge for the year ended | | | | | | | | |
| 31 December 2009 | - | 9,372 | 297,003 | 5,933 | 79,801 | 4,250 | 24,430 | 420,789 |
| Institution 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 2010 | 234,279 | 468,557 | 15,285,746 | 265,879 | 1,435,035 | 318,996 | 707,147 | 18,715,639 |
| Additions | 96,000 | 192,000 | 280,000 | 6,845 | 27,726 | - | 109,865 | 712,436 |
| At 31 December 2010 | 330,279 | 660,557 | 15,565,746 | 272,724 | 1,462,761 | 318,996 | 817,012 | 19,428,075 |
| Depreciation | | | | | | | | |
| At 1 January 2010 | - | 89,578 | 1,041,923 | 187,120 | 1,124,620 | 314,248 | 309,732 | 3,067,221 |
| Charge for the year | - | 13,211 | 302,603 | 5,674 | 59,588 | 2,827 | 29,921 | 413,824 |
| At 31 December 2010 | - | 102,789 | 1,344,526 | 192,794 | 1,184,208 | 317,075 | 339,653 | 3,481,045 |
| Net book value | | | | | | | | |
| At 31 December 2010 | 330,279 | 557,768 | 14,221,220 | 79,930 | 278,553 | 1,921 | 477,359 | 15,947,030 |
| At 31 December 2009 | 234,279 | 378,979 | 14,243,823 | 78,759 | 310,415 | 4,748 | 397,415 | 15,648,418 |
| Depreciation charge for the year ended | | | | | | | | |
| 31 December 2009 | - | 9,372 | 297,003 | 5,332 | 72,769 | 4,250 | 24,430 | 413,156 |

At year end, the document of title in respect of properties with an aggregate net book value of RM598,219 (2009: RM601,754) have yet to be issued by the authorities.

Included in leasehold land and buildings are properties with total net book value of RM13,350,768 (2009: RM13,355,579) which has been pledged to a licensed bank as security for term loan facility granted to the Institution as mentioned in Note 14.



4. Investment in a subsidiary

| | Institution | |
|--------------------------|-------------|------------|
| | 2010 RM | 2009 RM |
| Unquoted shares, at cost | 100,002 | 100,002 |

Details of investment in a subsidiary are as follows:

| Name of Subsidiary | Principal Activities | Country of Incorporation | Effective ownership interest | Effective ownership interest |
|--------------------------------|---|--------------------------|------------------------------|------------------------------|
| | | | 2010 % | 2009 % |
| IEM Training Centre Sdn. Bhd.* | Organising conferences seminars and trainings | Malaysia | 100 | 100 |

* Not audited by KPMG

5. Receivables, deposits and prepayments

Receivables are unsecured, interest free and repayable on demand.

6. Amount due from/(to) a subsidiary

The amount due from/(to) a subsidiary is non-trade in nature, unsecured, interest free and repayable on demand.

7. Cash and cash equivalents

| | Group | | Institution | |
|-----------------------------------|------------------|------------------|------------------|------------------|
| | 2010 RM | 2009 RM | 2010 RM | 2009 RM |
| Deposits with licensed banks | 1,947,000 | 2,241,019 | 1,696,655 | 1,990,673 |
| Cash and bank balances | 1,393,748 | 2,716,643 | 1,221,031 | 2,491,768 |
| | <u>3,340,748</u> | <u>4,957,662</u> | <u>2,917,686</u> | <u>4,482,441</u> |
| Less: Bank balances held in trust | (171,654) | (153,525) | (171,654) | (153,525) |
| | <u>3,169,094</u> | <u>4,804,137</u> | <u>2,746,032</u> | <u>4,328,916</u> |

Included in deposits with licensed banks and cash and bank balances of the Group and Institution are RM411,002 and RM152,636 (2009: RM753,800 and RM124,102) respectively held for arbitration cases.

8. Payables and accruals

| | Group | | Institution | |
|-----------------------------------|------------------|------------------|------------------|------------------|
| | 2010 RM | 2009 RM | 2010 RM | 2009 RM |
| Other payables | 1,107,972 | 1,271,504 | 996,426 | 1,111,580 |
| Deposits refundable | 873,264 | 853,858 | 873,264 | 853,858 |
| Amounts due to IEM Education Fund | 1,600,371 | 1,593,964 | 1,600,371 | 1,593,964 |
| | <u>3,581,607</u> | <u>3,719,326</u> | <u>3,470,061</u> | <u>3,559,402</u> |

The amounts due to IEM Education Fund is unsecured, interest free and is repayable on demand.



9. Accumulated fund

| | Note | Group | | Institution | |
|------------------------|------|------------------|------------------|------------------|------------------------|
| | | 2010 RM | 2009 RM | 2010 RM | 2009 RM rastated |
| Opening balance | | 3,525,974 | 3,369,850 | 2,963,150 | 3,029,642 |
| Surplus for the year | | 1,704,062 | 591,286 | 1,280,366 | 368,670 |
| | | <u>5,230,036</u> | <u>3,961,136</u> | <u>4,243,516</u> | <u>3,398,312</u> |
| Transfer (to)/from: | | | | | |
| - Capital Reserve fund | 10 | (383,029) | - | (383,029) | - |
| - Library fund | 12 | (45,720) | (24,433) | (45,720) | (24,433) |
| - Building fund | 13 | (371,911) | (410,729) | (371,911) | (410,729) |
| | | <u>4,429,376</u> | <u>3,525,974</u> | <u>3,442,856</u> | <u>2,963,150</u> |

10. Capital reserve fund

| | Note | Group and Institution | |
|-------------------------------------|------|-----------------------|----------------|
| | | 2010 RM | 2009 RM |
| Opening balance | | 569,596 | 569,596 |
| Transfer from/(to) Accumulated fund | 9 | 383,029 | - |
| | | <u>952,625</u> | <u>569,596</u> |

11. Capital contribution reserve

| | Note | Group and Institution | |
|----------------------------|------|-----------------------|------------------|
| | | 2010 RM | 2009 RM |
| Opening balance | | 1,608,335 | 1,387,540 |
| Entrance and transfer fees | | 227,760 | 220,795 |
| | | <u>1,836,095</u> | <u>1,608,335</u> |

12. Library fund

| | Note | Group and Institution | |
|--------------------------------|------|-----------------------|----------------|
| | | 2010 RM | 2009 RM |
| Opening balance | | 438,291 | 413,858 |
| Transfer from Accumulated fund | 9 | 45,720 | 24,433 |
| | | <u>484,011</u> | <u>438,291</u> |

13. Building fund

| | Note | Group and Institution | |
|--------------------------------|------|-----------------------|------------------|
| | | 2010 RM | 2009 RM |
| Opening balance | | 1,053,880 | 643,151 |
| Transfer from Accumulated fund | 9 | 371,911 | 410,729 |
| | | <u>1,425,791</u> | <u>1,053,880</u> |



14. Borrowings

| | Group and Institution | |
|---------------------|-----------------------|------------|
| | 2010 | 2009 |
| | RM | RM |
| Current | | |
| Term loan - secured | 469,772 | 276,328 |
| Non-current | | |
| Term loan - secured | 8,698,920 | 10,735,585 |
| | 9,168,692 | 11,011,913 |

Security

The term loans were secured via fixed charge over leasehold land and building as mentioned in Note 3.

The term loans are subject to interest rates from Base Lending Rate ("BLR") - 2.5% to BLR + 0.25% per annum (2009: BLR - 2.5% to BLR + 0.75% per annum) and is repayable over 154 - 257 (2009: 180) monthly installment.

At the balance sheet date, BLR stood at 6.30% per annum (2009: 5.55% per annum).

15. Personnel emoluments and benefits

| | Group | | Institution | |
|---|-------------|-------------|-------------|-------------|
| | 2010 | 2009 | 2010 | 2009 |
| | RM | RM | RM | RM |
| These represent expenses incurred in relation to: | | | | |
| Salaries and wages | (1,393,397) | (1,274,483) | (1,228,815) | (1,196,998) |
| Staff allowance and ex-gratia | (203,399) | (178,129) | (152,526) | (162,539) |
| Overtime | (58,307) | (61,916) | (58,253) | (61,597) |
| EPF and SOCSO contributions | (204,999) | (204,188) | (183,939) | (188,820) |
| Staff uniform | (2,405) | (3,334) | (2,405) | (3,334) |
| Medical expenses | (8,102) | (8,291) | (6,924) | (7,664) |
| Staff insurance | (7,638) | (7,160) | (7,638) | (7,160) |
| Staff training | (2,068) | (2,371) | (2,068) | (2,371) |
| Long service award | (11,000) | (500) | (11,000) | (500) |
| Gratuity payment | (27,200) | - | (27,200) | - |
| Director's fees | (4,800) | (4,800) | - | - |
| | (1,923,315) | (1,745,172) | (1,680,768) | (1,630,983) |

16. Administrative expenses

| | Group | | Institution | |
|---|-----------|-----------|-------------|-----------|
| | 2010 | 2009 | 2010 | 2009 |
| | RM | RM | RM | RM |
| These represent expenses incurred in relation to: | | | | |
| Credit card charges | (17,014) | (16,167) | (17,014) | (16,167) |
| Advertisement | (1,572) | (6,060) | (1,572) | (6,060) |
| Insurance | (11,218) | (7,688) | (7,973) | (6,264) |
| Office expenses | (7,568) | (4,821) | (6,975) | (4,367) |
| Annual general meeting | (8,605) | (6,424) | (8,605) | (6,424) |
| Office printing and stationery | (161,772) | (132,983) | (161,772) | (132,983) |
| Transport and travelling | (32,907) | (74,999) | (32,907) | (74,999) |
| Office equipment maintenance | (17,188) | (7,925) | (17,188) | (7,925) |
| Bank charges | (17,777) | (6,560) | (17,758) | (6,408) |
| Accountancy fee | (33,824) | (33,485) | (27,500) | (27,500) |
| Balance brought forward | (309,445) | (297,112) | (299,264) | (289,097) |



16. Administrative expenses (continued)

| | Group | | Institution | |
|-----------------------------|------------|------------|-------------|------------|
| | 2010 RM | 2009 RM | 2010 RM | 2009 RM |
| Balance carried forward | (309,445) | (297,112) | (299,264) | (289,097) |
| Auditors' remuneration | (28,816) | (20,150) | (24,000) | (17,000) |
| Tax service fee | (6,654) | (8,963) | (6,654) | (8,963) |
| Balloting expenses | (7,321) | (11,196) | (7,321) | (11,196) |
| Mailing services | (30,295) | (29,824) | (30,295) | (29,824) |
| Telephone, fax and internet | (48,564) | (67,778) | (48,564) | (67,778) |
| Postages | (295,268) | (263,430) | (295,218) | (263,380) |
| Legal and professional fees | (11,316) | (7,416) | (10,006) | (4,213) |
| Miscellaneous | (36,423) | (18,685) | (30,973) | (15,567) |
| Rental of ISM premises | - | (22,544) | - | (22,544) |
| Donation | - | (4,000) | - | - |
| Water and electricity | (3,983) | (3,397) | - | - |
| | (778,085) | (754,495) | (752,295) | (729,562) |

17. Branch subsidies

| | Group and Institution | |
|--|-----------------------|------------|
| | 2010 RM | 2009 RM |
| These represent subsidies given to the following branches: | | |
| Negeri Sembilan branch | (9,326) | (10,581) |
| Penang branch | (26,760) | (28,970) |
| Southern branch | (36,136) | (39,111) |
| Eastern branch | (12,698) | (9,380) |
| Perak branch | (25,748) | (20,937) |
| Malacca branch | (7,364) | (8,189) |
| Sarawak branch | (58,638) | (61,464) |
| Sabah branch | (41,854) | (45,036) |
| Miri branch | (17,064) | (18,054) |
| Kedah/Perlis branch | (17,168) | (16,865) |
| Terengganu branch | (7,710) | (8,562) |
| | (260,466) | (267,149) |

These regional branches are registered with Registrar of Societies, file their annual return which include the audited financial statements separately to the Registrar of Societies.

18. Inter-society activities

| | Group and Institution | |
|---|-----------------------|------------|
| | 2010 RM | 2009 RM |
| These represent subscriptions incurred in relation to: | | |
| Malaysian Structural Steel Association (MSSA) | (788) | (1,000) |
| Balai Ikhtisas Malaysia (BIM) | (1,500) | (1,500) |
| World Federation of Engineering Organisations (WFEO) | (2,601) | (2,591) |
| ASEAN Federation of Engineering Organisations (AFEO) | (646) | - |
| Federation of Engineering Institutions of Islamic Countries (FEIIC) | - | (1,759) |
| Confederation of Scientific and Technological Association Malaysia (COSTAM) | - | (100) |
| Federation of Engineering Institutions of Asia and the Pacific (FEIAP) | (2,571) | (2,811) |
| Building Management Association of Malaysia (BMAM) | (1,500) | - |
| Malaysia Green Building Confederation (MGBC) | (700) | - |
| Malaysia Service Providers Confederation (MSPC) | (500) | - |
| Energy Council of Malaysia (ECOM) | - | (1,500) |
| Construction Research Institute of Malaysia (CREAM) | - | (50) |
| | (10,806) | (11,311) |



19. Bangunan Ingenieur

**Group and Institution
2010 2009
RM RM**

These represent expenses incurred in relation to:

| | | |
|----------------------------------|----------|----------|
| Licence fee | - | (260) |
| Quit rent and assessment | (16,217) | (16,217) |
| Insurance | (3,229) | (3,229) |
| Building repairs and maintenance | (84,635) | (70,949) |
| Utilities | (97,777) | (78,941) |

(201,858) (169,596)

20. Wisma IEM

**Group and Institution
2010 2009
RM RM**

These represent (expenses)/surplus incurred in relation to:

| | | |
|----------------------------------|----------|----------|
| Licence Fee | - | (438) |
| Quit rent and assessment | (31,521) | (31,503) |
| Insurance | (11,950) | (10,958) |
| Building repairs and maintenance | (29,182) | (44,291) |
| Utilities | 16,043 | (21,081) |

(56,610) (108,271)

21. Surplus/(Deficit) from institutional services

**Note Group Institution
2010 2009 2010 2009
RM RM RM RM**

These represent surplus/(deficit) from the following:

| | | | | | |
|---------------------------------|----|----------|----------|----------|----------|
| Council | | (8,054) | (11,033) | (8,054) | (11,033) |
| Executive committee | | (8,925) | (11,524) | (8,925) | (11,524) |
| Standing committee on: | | | | | |
| - Activities | 23 | (9,922) | (13,759) | (9,922) | (13,759) |
| - Qualifications and admissions | 24 | (27,332) | (37,220) | (27,332) | (37,220) |
| - Examinations and training | 25 | (58,689) | (93,743) | (58,689) | (93,743) |
| - Finance | | (6,348) | (5,843) | (6,348) | (5,843) |
| - Professional practice | | (7,006) | 8,609 | (7,006) | 8,609 |
| - Information and publications | 26 | 45,324 | 58,487 | 45,324 | 58,487 |
| - Welfare and service matters | 27 | 25,125 | (10,142) | 25,125 | (10,142) |
| - Corporate affairs | 28 | (38,434) | (59,088) | (38,434) | (58,938) |
| Technical divisions | 29 | 435,987 | 111,815 | 435,987 | 111,815 |
| Library committee | | (15,838) | (52,671) | (15,838) | (52,671) |
| Young Engineer section | 30 | 21,268 | 12,081 | 21,268 | 12,081 |
| Awards committee | | (30,127) | (4,959) | (30,127) | (4,959) |
| Ad-hoc committee | | - | (6,656) | - | (6,656) |
| IEM Training Centre | 31 | 952,081 | 389,033 | - | - |

1,269,110 273,387 317,029 (115,496)



22. Tax expense

| | Group | | Institution | |
|--------------------------------|------------|------------|-------------|------------|
| | 2010 RM | 2009 RM | 2010 RM | 2009 RM |
| Current tax expense | | | | |
| - Current year | 130,482 | 56,144 | - | - |
| - Over provision in prior year | - | (41,345) | - | (41,354) |
| | 130,482 | 14,799 | - | (41,354) |

For tax purposes, the Institution is treated as a "Trade Association" under Section 53(3) of the Income Tax Act, 1967 under which its income is taxed at scale rates.

Reconciliation of effective tax expense

| | Group | | Institution | |
|--|------------|------------|-------------|------------|
| | 2010 RM | 2009 RM | 2010 RM | 2009 RM |
| Surplus/(Deficit) before taxation | 1,033,884 | 170,923 | 479,706 | (107,846) |
| Income tax using Malaysian tax rate of 25% (2009: 25%) | 258,471 | 42,731 | 119,927 | (26,962) |
| Tax effect on non-deductible expenses | - | 13,413 | - | 26,962 |
| Tax effect on non-taxable income | (127,989) | - | (119,927) | - |
| Over provision in prior year | - | (41,345) | - | (41,354) |
| Tax expense | 130,482 | 14,799 | - | (41,354) |

23. Activities committee

| | Group and Institution | |
|---|-----------------------|------------|
| | 2010 RM | 2009 RM |
| These represent surplus/(deficit) from the following: | | |
| Activities income | 6,758 | 3,611 |
| Annual dinner | 1,280 | 9,520 |
| Souvenir costs | 1,300 | (2,988) |
| Seminar/Courses/Carnival | (10,535) | (6,379) |
| Others | (3,125) | (5,107) |
| Federation of Engineering Institutions of Islamic Countries (FEIC) | (20) | (5,676) |
| Conference of ASEAN Federation of Engineering Organisations (CAFEO) | (5,547) | (6,740) |
| APEC/EMF International Engineer Register | (33) | - |
| | (9,922) | (13,759) |

24. Qualifications and admissions committee

| | Group and Institution | |
|---|-----------------------|------------|
| | 2010 RM | 2009 RM |
| These represent surplus/(deficit) from the following: | | |
| Evaluation of engineering degree programmes | 16,000 | (4,500) |
| Meeting | (1,653) | (1,565) |
| Printing/Circulars | (2,450) | (4,327) |
| Membership Application Form | (12,920) | (12,508) |
| Miscellaneous | (14,928) | (4,303) |
| Membership Drive | (11,381) | (10,017) |
| | (27,332) | (37,220) |



25. Examinations and training committee

**Group and Institution
2010 2009
RM RM**

These represent surplus/(deficit) from the following:

| | | |
|---------------------------------|-----------|-----------|
| Professional interview fee | 123,635 | 115,703 |
| Income from examinations | 3,460 | 11,740 |
| CPD income | 66,120 | 38,500 |
| Professional interviewers' fee | (123,460) | (87,749) |
| Incidental examination expenses | (111) | (1,699) |
| CPD expenses | (1,000) | (3,918) |
| PI Workshop | (2,079) | (4,371) |
| SSCDF outreach training program | (103,892) | (132,158) |
| Other expenses | (21,362) | (29,791) |

(58,689) (93,743)

26. Information and publications committee

**Group and Institution
2010 2009
RM RM**

These represent surplus/(deficit) from the following:

| | | |
|----------------------------|---------|--------|
| Advertisements in bulletin | 48,000 | 59,325 |
| Meeting | (805) | (573) |
| Publication permit | (1,015) | - |
| Appreciation to referees | (856) | (209) |
| Others | - | (56) |

45,324 58,487

27. Welfare and service matters committee

**Group and Institution
2010 2009
RM RM**

These represent surplus/(deficit) from the following:

| | | |
|--------------------------------|----------|----------|
| - Benevolent Income | 47,435 | 42,921 |
| - Engineering Week | (847) | 5,047 |
| - Other income | 18,373 | 3,370 |
| - Meeting | (667) | (696) |
| - Prize for SPM/STPM achievers | (7,600) | (8,718) |
| - Forums/Talks/Courses | (44) | (513) |
| - Printing/Circulars | - | (7,925) |
| - IEM Family Day | (22,607) | (24,269) |
| - Women Engineer | (3,045) | (3,197) |
| - Bereavement allowance | - | (7,200) |
| - Jurutera Wargamas | (5,873) | (4,252) |
| - Survey | - | (4,710) |

25,125 (10,142)

28. Corporate affairs committee

**Group and Institution
2010 2009
RM RM**

These represent deficit from the following:

| | | |
|----------------------------------|----------|----------|
| Overseas seminars and conference | (29,407) | (17,693) |
| Public relation | (859) | (4,172) |
| Overseas visitors | (1,872) | (5,990) |
| Local social functions | (2,800) | (14,165) |
| Others | (3,496) | (16,918) |

(38,434) (58,938)



29. Technical divisions

| | Group and Institution | |
|--|------------------------------|----------------|
| | 2010 | 2009 |
| | RM | RM |
| These represent surplus/(deficit) from the following: | | |
| Geotechnical Engineering Technical Division | 94,354 | (55,994) |
| Chemical Engineering Technical Division | (14,990) | 17,478 |
| Project Management Technical Division | 62,086 | 14,941 |
| Building Services Engineering Technical Division | 11,588 | 45,634 |
| Mechanical Engineering Technical Division | 28,289 | 39,759 |
| Civil and Structural Engineering Technical Division | 158,201 | 44,473 |
| Electrical Engineering Technical Division | 87,964 | 34,328 |
| Water Resources Technical Division | 22,341 | 10,233 |
| Oil & Gas and Mining Engineering Technical Division | 36,774 | 26,834 |
| Manufacturing Engineering Technical Division | (476) | (724) |
| Environmental Engineering Technical Division | (521) | 4,802 |
| Highway and Transportation Engineering Technical Division | 13,458 | (3,023) |
| Engineering Education Technical Division | (892) | (2,904) |
| Information Technology Special Interest Group | (846) | (1,580) |
| Agricultural and Food Engineering Technical Division | 14,178 | (1,488) |
| Tunneling and Underground Space Engineering Technical Division | 1,954 | 3,322 |
| Electronic Engineering Technical Division | (200) | (10,778) |
| Consulting Engineers Special Interest Group | - | (3,981) |
| Technical Divisions – Incentives | (77,275) | (49,517) |
| | 435,987 | 111,815 |

30. Young Engineers Section

| | Group and Institution | |
|--|------------------------------|-----------------|
| | 2010 | 2009 |
| | RM | RM |
| These represent income/(expenses) incurred in relation to: | | |
| Income | | |
| - AGM and Annual Dinner | - | 5,800 |
| - Courses, seminar & other activities | 56,900 | 32,510 |
| - Sales of Code of Ethics | 1,070 | 2,120 |
| - Interest income on fixed deposits | 2,646 | 2,639 |
| - Others | - | 50 |
| | 60,616 | 43,119 |
| Less: Expenditure | | |
| - AGM and Annual Dinner | (1,811) | (3,620) |
| - YEAFEO | (1,358) | (500) |
| - Printing and photocopying expenses | (1,160) | (3,103) |
| - Food and refreshments | - | (945) |
| - Courses Seminars and activities | (28,516) | (18,820) |
| - Community projects | (5,000) | (1,970) |
| - Social activities | (1,500) | (54) |
| - Others | (3) | (2,026) |
| | (39,348) | (31,038) |
| | 21,268 | 12,081 |



31. IEM Training Centre

| | Group | | Institution | |
|---|------------|------------|-------------|------------|
| | 2010 RM | 2009 RM | 2010 RM | 2009 RM |
| These represent surplus/(deficit) from the following: | | | | |
| Seminar and conference | 1,355,482 | 647,277 | - | - |
| Advertisement | (14,873) | - | - | - |
| Courier and postage | (4,155) | (9,385) | - | - |
| Consultant fee | - | (5,000) | - | - |
| Building and office maintenance | (4,864) | (8,665) | - | - |
| Refreshment | (200,781) | (90,610) | - | - |
| Seconded staff costs | - | (56,456) | - | - |
| Souvenir | (10,218) | (7,879) | - | - |
| Telephone and fax | (5,315) | (5,935) | - | - |
| Sharing of profit | (37,141) | (28,486) | - | - |
| Travelling | (126,054) | (45,828) | - | - |
| | 952,081 | 389,033 | - | - |

32. Change in accounting policies

(i) Investment in subsidiary

The Group has prepared consolidated group financial statements during the year and the prior year comparatives have been represented to conform to the current year presentation.

(ii) Library and building fund

The donation received for library and building funds has been represented in statement of income and expenditure before allocating to respective funds. Upon adoption of the approved accounting standards, the donations received for library and building funds have been included in the statement of income and expenditure before allocating to respective funds. Accordingly, the comparative numbers have been restated.

33. Comparative figures

The group comparative figures in the balance sheet, statement of income and expenditure, statement of recognised gains and losses, cash flow statement and the notes to the accounts have been represented as a result of changes in accounting policies as stated in note 32.

Certain comparatives in statement of income and expenditure and balance sheet have been represented to conform to the current year presentation.



Statement by the Council

In the opinion of the Council, the financial statements set out on pages 127 to 142 are prepared, in all material respect, in accordance with approved accounting standards and the constitution and by-laws of the Institution.

On behalf of the Council:

.....
Dato' Ir. Prof Dr Chuah Hean Teik
President

.....
Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin
Hon Treasurer

Kuala Lumpur,

Date: 22 March 2011

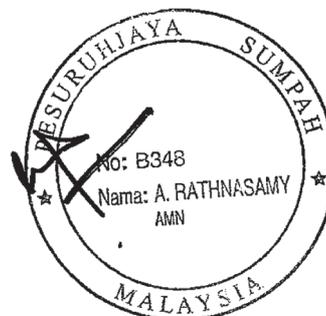
Statutory declaration by the officer primarily responsible for the financial management of the Institution

I, **Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin**, 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 127 to 142 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 Petaling Jaya on 29 March 2011.

.....
Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin

Before me:



Alamat tempat perniagaan
No. 10A, Jalan 52/10
46200 Petaling Jaya, Selangor
Tel: 03-7960 1428
H/P: 016-9719 600



Independent auditors' report to the members of The Institution of Engineers, Malaysia

Report on the Financial Statements

We have audited the financial statements of The Institution of Engineers, Malaysia, excluding its branches' assets and liabilities and income and expenditure (hereafter referred to as "Institution"), which comprise the balance sheet as at 31 December 2010 and the statement of income and expenditure, statement of recognised gains and losses and cash flow statement of the Group and of the Institution for the year then ended, and a summary of significant accounting policies and other explanatory information, as set out on pages 127 to 142.

Council's Responsibility for the Financial Statements

The Council of the Institution is responsible for the preparation of financial statements in accordance with approved accounting standards and the constitution and by-laws of the Institution, and for such internal control as the Council determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

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 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 are prepared, in all material respect, in accordance with approved accounting standards and the constitution and by-laws of the Institution.

Other Matters

This report is made solely to the members of the Institution, as a body, and for no other purpose. We do not assume responsibility to any other person for the content of this report.

KPMG

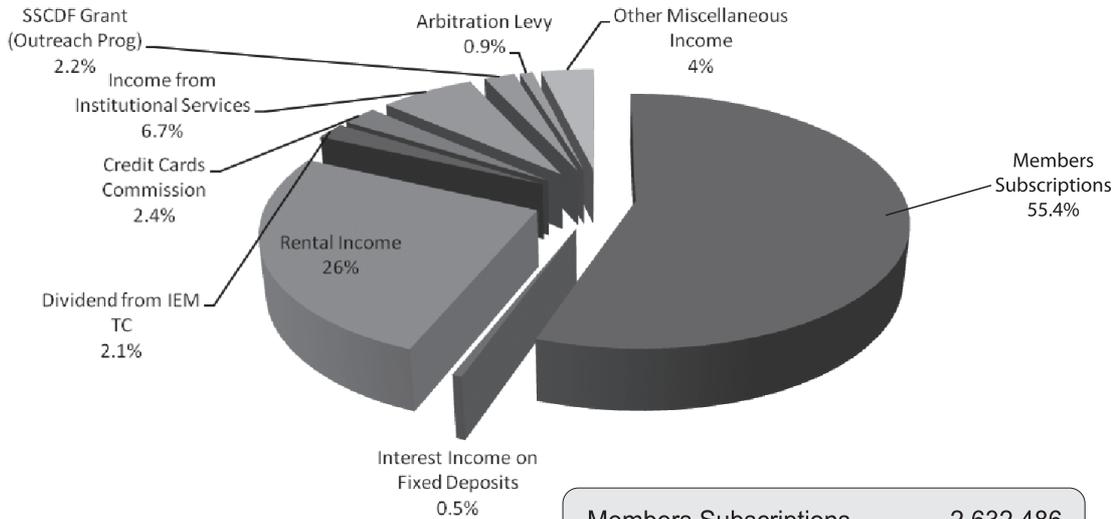
KPMG
Firm Number: AF 0758
Chartered Accountants

Petaling Jaya

Date: 22 March 2011

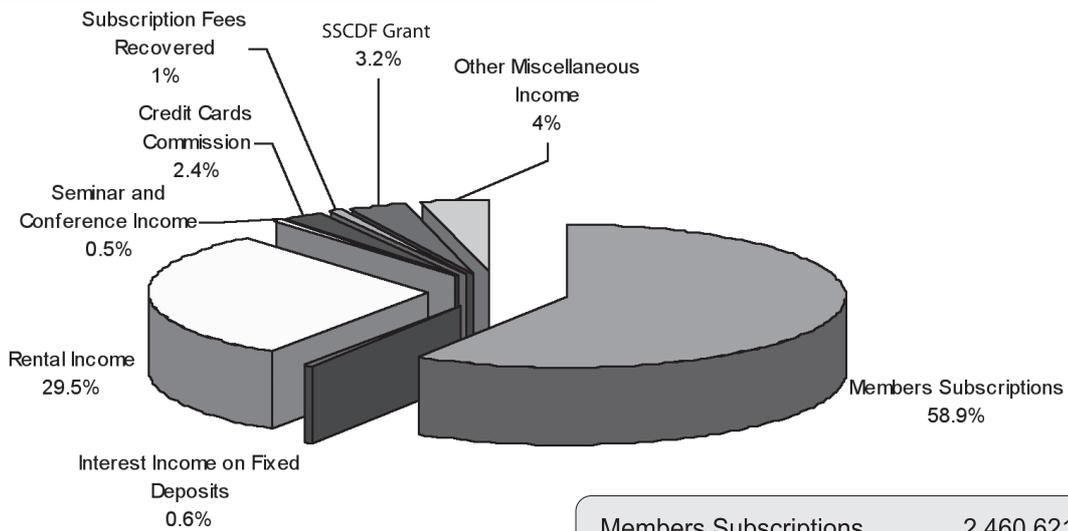


Income for the year 2010 Total income RM4,749,864



| | |
|------------------------------------|-----------|
| Members Subscriptions | 2,632,486 |
| Interest Income on Fixed Deposits | 23,636 |
| Rental Income | 1,234,171 |
| Dividend from IEM TC | 100,000 |
| Credit Cards Commission | 116,193 |
| Income from Institutional Services | 317,029 |
| Subscription Fees Recovered | 26,125 |
| Arbitration Levy | 43,443 |
| SSCDF Grant | 103,892 |
| Other Miscellaneous Income | 152,889 |

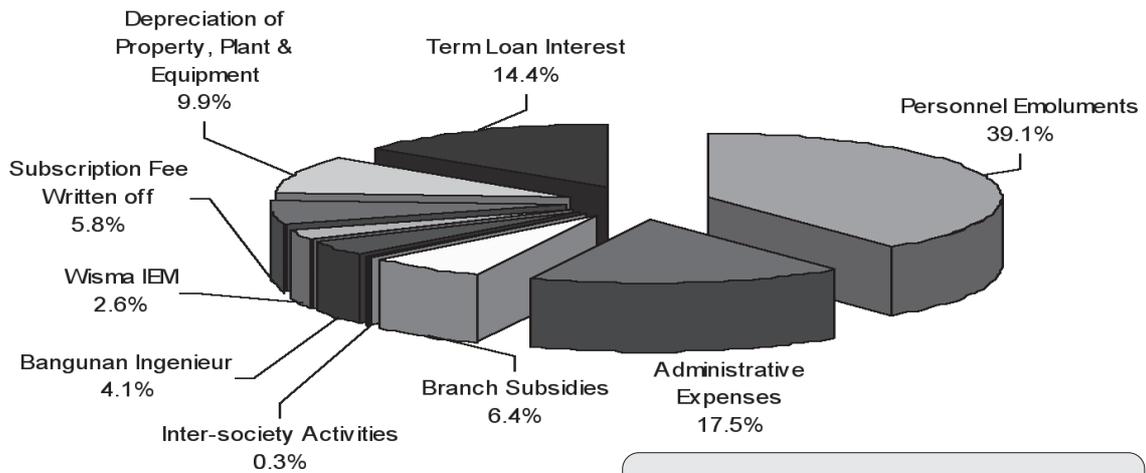
Income for the year 2009 Total income RM4,179,495



| | |
|-----------------------------------|-----------|
| Members Subscriptions | 2,460,621 |
| Interest Income on Fixed Deposits | 25,775 |
| Rental Income | 1,232,958 |
| Seminar and Conference Income | 19,637 |
| Credit Cards Commission | 102,221 |
| Subscription Fees Recovered | 40,465 |
| SSCDF Grant | 132,158 |
| Other Miscellaneous Income | 165,660 |

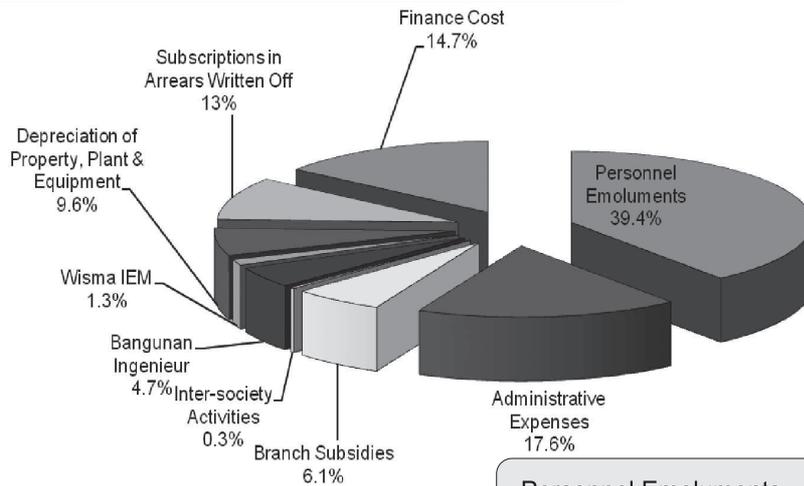


Expenses for the year 2009 Total Expenses RM4,287,341



| | |
|---|-----------|
| Personnel Emoluments | 1,630,983 |
| Administrative Expenses | 729,562 |
| Branch Subsidies | 267,149 |
| Inter-society Activities | 11,311 |
| Bangunan Ingenieur | 169,596 |
| Wisma IEM | 108,271 |
| Subscription Fee Written off | 241,127 |
| Depreciation of Property, Plant & Equipment | 413,156 |
| Term Loan Interest | 600,690 |
| Institutional Services | 115,496 |

Expenses for the year 2010 Total Expenses RM4,270,158



| | |
|---|-----------|
| Personnel Emoluments | 1,680,768 |
| Administrative Expenses | 752,295 |
| Branch Subsidies | 260,466 |
| Inter-society Activities | 10,806 |
| Bangunan Ingenieur | 201,858 |
| Wisma IEM | 56,610 |
| Subscription Fee Written off | 267,455 |
| Depreciation of Property, Plant & Equipment | 413,824 |
| Term Loan Interest | 626,076 |



Honorary Internal Auditor's Report

We have examined the Balance Sheet as at 31st December 2010, the Income and Expenditure Account together with Notes on the Accounts set out on pages 149 to 153, accounting and other records.

We hereby certify that they give a true and fair view of the state of affairs and the results of the Institution's operations for the year ended on that date.

Ir. Awangku Hidup Bin Awangku Hossain
Honorary Internal Auditor

Ir. Prof Dr Siti Hawa Binti Hamzah
Honorary Internal Auditor

Statement by the Council of the Institution of Engineers, Malaysia

In the opinion of the Council, the financial statements set out on pages 149 to 153 are prepared, in all material respect, in accordance with approved accounting standards and rules of The Institution of Engineers, Malaysia (Education Fund).

On behalf of the Council:

Dato' Ir. Prof Dr Chuah Hean Teik
President

Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin
Hon Treasurer

Kuala Lumpur,

Date: 22 March 2011

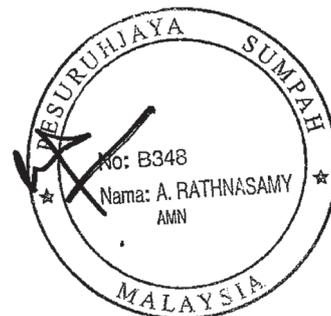
Statutory declaration by the officer primarily responsible for the financial management of the Education Fund

I, **Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin**, the officer primarily responsible for the financial management of the Institution of Engineers, Malaysia (Education Fund), do solemnly and sincerely declare that the financial statements set out on pages 149 to 153 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 Petaling Jaya on 22 March 2011.

Ir. Assoc. Prof. Dr. Jeffrey Chiang Choong Luin
Hon Treasurer

Before me:



Alamat tempat perniagaan
No. 10A, Jalan 52/10
46200 Petaling Jaya, Selangor
Tel: 03-7960 1428
H/P: 016-9719 600



Independent auditors' report to the members of The Institution of Engineers, Malaysia (education Fund)

Report on the Financial Statements

We have audited the financial statements of the Institution of Engineers, Malaysia (Education Fund) ("the Education Fund") which comprise the balance sheet as at 31 December 2010 and the statement of income and expenditure, statement of recognised gains and losses and cash flow statement for the year then ended, and a summary of significant accounting policies and other explanatory information, as set out on pages 149 to 153.

(Education Fund) ("the Education Fund") which comprise the balance sheet as at 31 December 2010 and the statement of income and expenditure, statement of recognised gains and losses and cash flow statement for the year then ended, and a summary of significant accounting policies and other explanatory information, as set out on pages 149 to 153.

Council's Responsibility for the Financial Statements

The Council of the Institution is responsible for the preparation of financial statements in accordance with approved accounting standards and the rules of the Education Fund, and for such internal control as the Council determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with approved standards on auditing in Malaysia. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on our judgment, including the assessment of risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the Education Fund's preparation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Education Fund's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the Council, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements are prepared, in all material respect, in accordance with approved accounting standards and the rules of the Education Fund.

Other Matters

This report is made solely to the members of the Education Fund, as a body, and for no other purpose. We do not assume responsibility to any other person for the content of this report.

KPMG

KPMG
Firm Number: AF 0758
Chartered Accountants

Petaling Jaya

Date: 22 March 2011



Balance sheet at 31 December 2010

| | Note | 2010 RM | 2009 RM |
|-------------------------------------|------|------------|------------|
| Plant and equipment | 3 | - | 381 |
| Intangible asset | 4 | 12,698 | 25,394 |
| Current assets | | | |
| Other receivables | 5 | 1,608,553 | 1,606,178 |
| Cash and bank balances | 6 | 1,032,055 | 1,052,331 |
| Tax recoverable | | 2,095 | 377 |
| | | 2,642,703 | 2,658,886 |
| Current liabilities | | | |
| Other payables and accrued expenses | 7 | 18,590 | 19,868 |
| Net current assets | | 2,624,113 | 2,639,018 |
| | | 2,636,811 | 2,664,793 |
| Financed by: | | | |
| Accumulated funds | | 2,636,811 | 2,664,793 |

The notes set out on pages 151 to 153 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 2010

| | Note | 2010 RM | 2009 RM |
|---|------|------------|------------|
| Income | | | |
| Donation received | | 54,210 | 45,429 |
| Bank interest | | 353 | 541 |
| Fixed deposits interest income | | 20,062 | 32,459 |
| Other income | | - | 27,001 |
| | | 74,625 | 105,430 |
| Less: Expenditure | | | |
| Auditors' remuneration | | 2,000 | 2,000 |
| Bank charges | | 101 | 45 |
| Depreciation | 3 | 381 | 3,265 |
| Professional fees and tax services | | 771 | 1,254 |
| Conference ASEAN Federation of Engineering Organisation (CAFEO) | | 15,264 | 12,356 |
| Sponsorship expenses | | 43,384 | 102,255 |
| Scholarships | | 28,500 | 28,500 |
| Amortisation of intangible assets | | 12,696 | 12,696 |
| Miscellaneous | | - | 332 |
| | | 103,097 | 162,703 |
| Deficit before taxation | | (28,472) | (57,273) |
| Taxation | | 490 | (3,104) |
| Deficit for the year | | (27,982) | (60,377) |
| Accumulated funds brought forward | | 2,664,793 | 2,725,170 |
| Accumulated funds carried forward | | 2,636,811 | 2,664,793 |

The notes set out on pages 151 to 153 form an integral part of, and should be read in conjunction with these financial statements.



Statement of recognised gains and losses for the year ended 31 December 2010

| | 2010 RM | 2009 RM |
|-----------------------------|------------|------------|
| Deficit for the year | (27,982) | (60,377) |

The notes set out on pages 151 to 153 form an integral part of, and should be read in conjunction with these financial statements.

Cash flow statement for the year ended 31 December 2010

| | 2010 RM | 2009 RM |
|---|------------|------------|
| Cash flows from operating activities | | |
| Deficit before taxation | (28,472) | (57,273) |
| Adjustment for: | | |
| Depreciation | 381 | 3,265 |
| Amortisation of intangible asset | 12,696 | 12,696 |
| Interest income | (20,062) | (33,000) |
| | <hr/> | <hr/> |
| Operating deficit before working capital changes | (35,457) | (74,312) |
| Changes in working capital: | | |
| Other receivables | (2,375) | (23,548) |
| Other payables | (1,278) | 1,278 |
| | <hr/> | <hr/> |
| Cash used in operations | (39,110) | (96,582) |
| Income taxes paid | (1,228) | (3,104) |
| Net cash used in operating activities | (40,338) | (99,686) |
| Cash flows from investing activity | | |
| Interest received | 20,062 | 33,000 |
| Net cash generated from investing activities | 20,062 | 33,000 |
| Net decrease in cash and bank balances | (20,276) | (66,686) |
| Cash and bank balances at beginning of year | 1,052,331 | 1,119,017 |
| Cash and bank balances at end of year | 1,032,055 | 1,052,331 |
| Cash and bank balances comprise: | | |
| Deposits with licensed banks | 977,143 | 1,009,416 |
| Cash at bank | 54,912 | 42,915 |
| | <hr/> | <hr/> |
| | 1,032,055 | 1,052,331 |

The notes set out on pages 151 to 153 form an integral part of, and should be read in conjunction with these financial statements.

Notes to the financial statements

The Institution of Engineers, Malaysia (Education Fund) is an Education Fund and domiciled in Malaysia. The address of the principal place of business of the Education Fund is as follows:-

Principal place of business

Bangunan Ingenieur, Lot 60/62
Jalan 52/4 Peti Surat 223
46720 Petaling Jaya
Selangor Darul Ehsan

The financial statements were authorised for issue by the Council of the Education fund on 21 March 2011.

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 measurement

The financial statements of the Education Fund are prepared on the historical cost basis and in accordance with approved accounting standards and the rules of the Education Fund.

(b) Plant and equipment

Plant and equipment are stated at cost less accumulated depreciation.

Plant and equipment retired from active use and held for disposal are stated at the lower of net book value and net realisable value.

Depreciation

The straight-line method is used to write off the cost of the assets over the term of their estimated useful lives at the following principal annual rates:

Office equipment 10%
Furniture and fittings 10%
Computers 40%

(c) Intangible assets

Intangible assets that are acquired by the Education Fund are stated at cost less accumulated amortisation.

Intangible assets are amortised from the date that they are available for use. Amortisation of intangible assets is charged to the Statement of Income and Expenditure on a straight-line basis over the estimated useful lives of 5 years.

(d) Other receivables

Other receivables are stated at cost less allowance for doubtful debts.



(e) **Cash and bank balances**

Cash and bank balances consist of cash on hand and balances and deposits with banks which have an insignificant risk of changes in value.

(f) **Liabilities**

Other payables are stated at cost.

(g) **Income recognition**

Interest income

Interest income is recognised in the Statement of Income and Expenditure as it accrues, taking into account the effective yield on the asset.

Donation received

Donation is recognised in the Statement of Income and Expenditure on cash receipt basis.

(h) **Taxation**

Tax expense on the surplus or deficit for the year comprises current and deferred tax. Tax expense is recognised in the Statement of Income and Expenditure.

Current tax expense is the expected tax payable on the taxable income for the year, using tax rates enacted or substantially enacted at the balance sheet date, and any adjustment to tax payable in respect of previous years.

Deferred tax is provided, using the liability method, on temporary differences arising between the tax bases of assets and liabilities and their carrying amounts in the financial statements. Temporary differences are not recognised on the initial recognition of assets or liabilities that at the time of the transaction affects neither accounting nor taxable profit. The amount of deferred tax provided is based on the expected manner of realisation or settlement of the carrying amount of assets and liabilities, using tax rates enacted or substantially enacted at the balance sheet date.

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 |
|---|---------------------------|---------------------------------|-----------------|-------------|
| Cost | | | | |
| At 1 January 2010/ 31 December 2010 | 32,645 | 41,050 | 20,348 | 94,043 |
| Depreciation | | | | |
| At 1 January 2010 | 32,264 | 41,050 | 20,348 | 93,662 |
| Charge for the year | 381 | - | - | 381 |
| At 31 December 2010 | 32,645 | 41,050 | 20,348 | 94,043 |
| Net book value | | | | |
| At 31 December 2010 | - | - | - | - |
| At 31 December 2009 | 381 | - | - | 381 |
| Depreciation charge for the year ended 31 December 2009 | 3,265 | - | - | 3,265 |



4. Intangible asset

| | Software RM |
|------------------------------------|----------------|
| Cost | |
| At 1 January 2010/31 December 2010 | 63,482 |
| Amortisation | |
| At 1 January 2010 | 38,088 |
| Amortisation for the year | 12,696 |
| At 31 December 2010 | 50,784 |
| Carrying amounts | |
| At 31 December 2010 | 12,698 |
| At 31 December 2009 | 25,394 |

5. Other receivables

| | 2010 RM | 2009 RM |
|-----------------------------------|------------|------------|
| Fixed deposit interest receivable | 5,425 | 5,462 |
| Advance to IEM - Main accounts | 1,497,076 | 1,493,865 |
| Advance to IEM Eastern Branch | 84,300 | 84,300 |
| ACFM advances | 15,000 | 15,000 |
| Other receivables | 6,752 | 7,551 |
| | 1,608,553 | 1,606,178 |

Advances to IEM are unsecured, interest free and have no fixed terms of repayment.

6. Cash and bank balances

| | 2010 RM | 2009 RM |
|------------------------------|------------|------------|
| Deposits with licensed banks | 977,143 | 1,009,416 |
| Cash at bank | 54,912 | 42,915 |
| | 1,032,055 | 1,052,331 |

7. Other payables and accrued expenses

| | 2010 RM | 2009 RM |
|-------------------|------------|------------|
| Amount due to IEM | 590 | 1,868 |
| Other payables | 18,000 | 18,000 |
| | 18,590 | 19,868 |

Amount due to IEM is unsecured, interest free and has no fixed terms of repayment.

8. Taxation

| | 2010 RM | 2009 RM |
|--|------------|------------|
| Current tax expense | | |
| - Current year | - | 1,875 |
| - (Over)/under provision in prior year | (490) | 1,229 |
| | (490) | 3,104 |

Since the Fund is an approved institution under Section 44(6), Para. 13(a) of Schedule 6, of the Income Tax Act 1967 applies, stating that all income for year of assessment 2010 are exempted except for dividend income and interest income.