

To All Members,

Date: 8 June 2009

CANDIDATES APPROVED TO SIT PROFESSIONAL INTERVIEW FOR YEAR 2009

In accordance with Bylaws 3.7, the undermentioned names are published as having applied for membership of the Institution, subject to passing the year 2009 Professional Interview.

If any Corporate Member of the Institution has any reason as to why any of the candidates is not a fit and proper person for election, he should communicate in writing to the Honorary Secretary. Such communication should be lodged a month from the date of publication.

Thank you.

Engr. Assoc. Prof. Dr Jeffrey Chiang Choong Luin, MIEM, P.Eng.

Honorary Secretary,

The Institution of Engineers, Malaysia

TRANSFER APPLICANTS		
Membership No	Name	Qualifications
CIVIL ENGINEERING		
29153	TANG KIN TIN @ EUGINIE TANG	BE (HONS) (UTM) (CIVIL, 02)
26751	AHMAD RAHIMI BIN MAT	BE (HONS) (UTM) (CIVIL, 04)
29222	AHMAD RIDZUAN BIN ABU BAKAR	BE (HONS) (UTM) (CIVIL, 00)
29754	CHU KWAI KUEN	BE (HONS) (UTM) (CIVIL-ENVIRONMENTAL, 03)
23419	CHUAH LAY YEE	BE (HONS) (MALAYA) (CIVIL, 02)
23747	GOH CHUN WOOI	BE (HONS) (UTHM) (CIVIL, 05)
14555	HARPREET SINGH A/L SARDUL SINGH	BE (HONS) (UTM) (CIVIL, 91)
24718	LAW HUI KIUK	BE (OKLAHOMA STATE UNI) (CIVIL, 99)
25658	LIEW VOON HING	BE (HONS) (UTM) (CIVIL 01)
37227	MOHD AZREEN BIN SAIDIN	BE (HONS) (UTM) (CIVIL, 04)
19375	MOHD ZAKIYUDDIN BIN JUHAR	BE (HONS) (UTM) (CIVIL, 00)
26380	RAJA FAUZI RIZAL BIN RAJA SABARADIN	BE (HONS) (UiTM) (CIVIL, 03)
14827	SHARIZA MAT ARIS	ADV DIP (UiTM) (CIVIL, 93)
13216	SIM SECK PUAN, ALFRED	BE (HONS) (THE UNI OF WOLLONGONG) (CIVIL, 85)
11592	TAN SONG LIM	BE (HONS) (MALAYA) (CIVIL, 88)
22243	TEH LYE HENG	BE (HONS) (SALFORD) (CIVIL, 99)
21378	THAM LIAN YU	BE (HONS) (UTM) (CIVIL, 02)
20982	UARNZDER ANAK JUNAIDI KUTOI	BE (HONS) (UiTM) (CIVIL, 01)
7626	ZAINALARSAD BIN MD. AMIN	BSc (THE CITY UNIVERSITY, LONDON) (CIVIL, 81)
ELECTRICAL ENGINEERING		
26405	FARIDUL FARHAN BIN ABD WAHAB	BE (HONS) (USM) (ELECT, 04)
13488	MOHAMED GHOUS BIN AHMAD	BSc (MICHIGAN TECHNOLOGICAL UNI, USA) (ELECT, 90)
26436	MOHD SYFUL ADLY BIN ABD WAHAB	BE (HONS) (UiTM) (ELECT, 04)
22573	MOHD YUSRY BIN BAHARUDIN	ADV DIP (UiTM) (ELECT, 95)
16912	PHUA CEONG SENG	BE (HONS) (UNI OF LEICESTER) (ELECT & E'TRONIC, 93)
22689	YEE TEIN SOO	BE (HONS) (UMS) (ELECT & E'TRONIC, 01)
STRUCTURAL ENGINEERING		
10999	AZIZAH BINTI OSMAN, DATIN HAJJAH	BSc (HONS) (VICTORIA UNI OF MANCHESTER) (BLDG TECH, 79)

NEW APPLICANTS	
Name	Qualifications
CIVIL ENGINEERING	
ABD LATIB BIN AWALUDDIN	BE (HONS) (UiTM) (CIVIL, 98)
LENIOR LEE FEI HAN @ LEE KOT CHUEN	BE (UNI OF LONDON, QUEEN MARY & WESTFIELD COLLEGE) (CIVIL, 97)
MOHD DITA BIN DIKIN	BSc (SOUTHERN ILLINOIS CARBONDALE, US) (CIVIL, 01)
MOHD HASRIZAL BIN HASIM	BE (HONS) (UTM) (CIVIL, 96)
MOHD ZAHARIFUDIN BIN MUHAMAD ALI	BE (HONS) (UKM) (CIVIL & STRUCTURE, 00)
ROSTAM SHAHRIF BIN TAMI	BE (POLYTECHNIC OF EAST LONDON) (CIVIL, 92)
TANG CHOON HAI	BE (HONS) (MALAYA) (CIVIL, 98)
WONG NIT CHUW	BSc (MISSISSIPPI STATE UNI) (CIVIL, 90)
ELECTRICAL ENGINEERING	
AHMAD MANSOR SA BIN ABU HASSAN	ADV DIP (UiTM) (ELECT, 94)

NEW APPLICANTS	
Name	Qualifications
MOHD NORFAIZAL BIN FARID	BE (HONS) (UNITEN) (ELECT - POWER, 03)
ZUHRIZAD BIN ZULKIFLI	BE (HONS) (UNITEN) (ELECT, 03)
ELECTRONIC ENGINEERING	
KAMARULAZAM BIN ABU KASSIM	BSc (EVANSVILLE) (ELECT, 95)
SRI DEENATHAYALAN A/L VARATHRAJ	BE (NORTHUMBRIA AT NEWCASTLE) (ELECT & E'TRONIC, 96)
MECHANICAL ENGINEERING	
MOHD MUZAKKIR BIN ABDULLAH	BE (HONS) (UTM) (MECH, 99)
MOHD ZAWAKIE BIN DOLLAH	BE (HONS) (UTM) (MECH, 00)
ROZIAN BIN SO-OM	BE (GIFU UNI, JAPAN) (MECH, 98)
TIAH OON LING	BSc (IOWA STATE UNI) (MECH, 95)
WAN RIZALUDDIN ABDULLAH BIN WAN ALI	BSc (NORTHWESTERN UNI) (MECH, 97)
YAP CHOONG SEONG	BE (HONS) (UPM) (MECH, 00)

ADMISSION / ELECTION / TRANSFER

The IEM Council, at its 367th and meeting on 18 April 2009 approved the admission / election / transfer of a total of 467 members, consisting the following:

DISCIPLINES	MEMBERSHIP GRADES							
	FELLOW	MEMBER	GRADUATE	INCORPORATED	AFFILIATE	ASSOCIATE	STUDENT	TOTAL
Aeronautical			1					1
Aerospace							3	3
Agricultural		1						1
Automotive								
Biochemical								
Biomedical			1					1
Biotechnology								
Building Services								
CAD/CAM								
Chemical		1	2				5	8
Civil		27	55				94	176
Communication			1					1
Computer			2					2
Computer Systems								
Computer and Communication								
Control System								
Electrical and Electronic								
Electrical		4	24	1			14	43
Electronic			9				10	19
Electromechanical								
Energy								
Environmental								
Food and Process								
Geotechnical								
Highway								
Industrial								
Information System								
Information Technology								
Instrumentation								
Instrumentation and Control								
Manufacturing			2				57	59
Manufacturing System								
Marine								
Materials			2					2
Metallurgy								
Mechanical		4	18			1	129	152
Mechatronic								
Microelectronic								
Mineral								
Mineral Resources								
Mining								
Naval Architecture								
Petroleum								
Polymer								
Structural								
Telecommunication								
Water Resources								
TOTAL	–	36	117	1	–	1	312	467

The Members' names and qualifications are listed in page 3. The Institution congratulates the members on their admission / election / transfer.

Engr. Assoc. Prof. Dr Jeffrey Chiang Choong Luin, MIEM, P.Eng.

Honorary Secretary,

The Institution of Engineers, Malaysia

TRANSFER TO THE GRADE OF MEMBER

Name	M'ship No	Qualifications
CIVIL		
ALWEE BIN OTHMAN	29676	BE (HONS) (UTM)(CIVIL,2004)
CHOW FOONG WAN	17505	BE (HONS) (UTM)(CIVIL,2000)
LAU HIENG HO	18741	BE (HONS) (OXFORD BROOKES)(CIVIL,1998)
LIM CHIN CHENG	24253	BE (HONS) (LEEDS)(CIVIL, 2002)
MOHD FUAD BIN HASHIM	26408	BE (HONS) (UTM)(CIVIL,2001)
MOHAMAD NOOR BIN SALLEH	21422	ADV DIP (UITM)(CIVIL,1993)
NG KIM GUAN	20159	BE (HONS) (UM)(CIVIL, 2002)
OOI BAN HIN	26754	BE (HONS) (UPM)(CIVIL,2002)
OOI BOON BENG @ GAN BOON BENG	32648	BE (HONS) (RMIT)(CIVIL,1999) MSc (UNI OF SOUTH WALES) (STRUCTURAL,2000)
SITI NORLEHA BINTI RASID	18696	BE (HONS) (UTM)(CIVIL,1998)
UNG YOKE GIAP	22646	BE (HONS) (UM)(CIVIL, 2001)
WANG TAI FONG	20366	PART 2 (EC) (CIVIL, 1999)
WONG CHUZE KEONG	19051	BE (AUCKLAND)(CIVIL, 1997)
WONG KIANG SEONG	22907	BE (HONS) (UKM)(CIVIL & STRUCTURAL, 1999)
ZULFAZAL BIN MAT ZIN	32667	BE (HONS) (UTM)(CIVIL, 2001)

ELECTION TO THE GRADE OF MEMBER

Name	Qualifications
CHEMICAL	
SUFIAN BIN ALI	BE (HONS) (UKM)(CHEMICAL & PROCESS, 1987) MSc (UKM)(CHEMICAL & PROCESS, 1992)
ABDUL MANAF BIN MAT RASHID	ADV DIP (UITM)(CIVIL,1986)
AMRAN BIN MOHD	BE (HONS) (UTM)(CIVIL,2004)
KHOO LIONG YU	BE (UNIVERSITY OF SYDNEY)(CIVIL, 1984), MENGSc (NSW)(CIVIL, 1997)
LEE AIK KUAN	BE (HONS) (UNIVERSITY OF MANCHESTER)(CIVIL,1999)
MOHAMAD AZHAM BIN SULAIMAN	ADV DIP (UITM)(CIVIL,1991)
SARINA BINTI ISMAIL	BE (HONS) (UTM)(CIVIL,1995) ME (UTM)(CIVIL - STRUCTURE,2007)
SHAFIZAN BIN MD. NOR	BE (HONS) (UPM)(CIVIL,2001)
SREEJIT RAGHU	ME (HONS) (IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE, UNI OF LONDON)(CIVIL, 2001)

TRANSFER TO THE GRADE OF GRADUATE

M'ship No	Name	Qualifications
CIVIL		
21120	ARMI NIZAM BIN ABDUL LATIF	BE (HONS) (UTM) (CIVIL,02)
29562	CHAN YONG SOON	BE (HONS) (USM) (CIVIL,07)
31141	LEONG CHEE HOE	BE (HONS) (UMS) (CIVIL,07)
27858	MOHD HAFIZ BIN MD AKHIR	BE (HONS) (USM) (CIVIL,08)
28905	TAN CHEE LEE	BE (HONS) (UPM) (CIVIL,07)
ELECTRICAL		
25114	AJMAL BIN SURIA	BE (HONS) (UM) (ELECTRICAL,04)
28777	LAJA SUPIT	BE (HONS) (UTeM) (ELECT.POWER & DRIVE,07)
ELECTRONIC		
24993	AL-RIZAL BIN MD YUSOF	BE (HONS) (UKM) (ELECT.-ETRONIC,99)

ADMISSION TO THE GRADE OF GRADUATE

M'ship No	Name	Qualifications
AERONAUTICAL		
37201	AHMAD HAMDAN BIN ARIFFIN	BE (HONS) (UPM) (AEROSPACE,05)
BIOMEDICAL		
37202	MOHD YUSOF BIN BAHARUDDIN	BE (HONS) (UM) (BIOMEDICAL ENG.,05) ME (MELBOURNE) (BIOMEDICAL ENG.,07)
CHEMICAL		
37203	ALAN HONG FUN HOW	BE (HONS) (UTP) (CHEMICAL,08)
37204	TAN YEN CHEN	BE (HONS) (UKM) (CHEMICAL,08)
CIVIL		
37205	AHMAD HILMAN BIN MUSTAFA	BE (HONS) (UM) (CIVIL,05)
37206	AHMAD SYUKRI BIN MOHD FA-IK	BE (HONS) (UMS) (CIVIL,06)
37207	AMILIAH BINTI CHIKON	BE (HONS) (UTM) (CIVIL,02)
37208	ANG PENG CHUNG	BE (HONS) (UPM) (CIVIL,02)
37209	ANUAR BIN NGAH	BE (HONS) (PORTSMOUTH) (CIVIL,97)
37210	ARNI SHAHRINA BINTI SHAHARUM	BE (HONS) (UTM) (CIVIL,04)
37211	CHUA CHONG YAW	BE (HONS) (ADELAIDE) (CIVIL,01) MSc (NEW SOUTH WALES) (STRUCTURAL,03)
37212	DENNIS TING KEE BIAW	BE (HONS) (UTM) (CIVIL,06)
37213	DR. AZMI BIN IBRAHIM	ADV. DIP (UITM) (CIVIL,87) PHD (SUSSEX UNIV.) 95
37214	HAFEZAA DZULEANAA BINTI MD.PUZI	BE (HONS) (UITM) (CIVIL,06)
37215	HAPSA BINTI HUSEN	BE (HONS) (UITM) (CIVIL,07) MSc (USM) (STRUCTURAL,08)
37216	HISHAM BIN MOHAMAD	BE (HONS) (UTM) (CIVIL,02) MSc (IMPERIAL COLLEGE) (MECH.&ENVI. GEOTECHNICS,04) PhD (CAMBRIDGE) 08
37217	KUAY CHOW IT	BE (HONS) (UTM) (CIVIL,05)
37218	LEE CHOUN HOE	BE (HONS) (USM) (CIVIL,06), MSc (USM) (STRUCTURAL,07)
37219	LIEW WEN TAT	BE (HONS) (UPM) (CIVIL & ENVIRONMENTAL,08)
37220	LIM SENG JWEE	BE (HONS) (UTM) (CIVIL,07)
37221	LOH YEE ENG	BE (HONS) (UTM) (CIVIL,00), MSc (NAT.UN.SPORE) (CIVIL,07)
37222	MOHAMAD AZRIN BIN AHAMAD	BE (HONS) (UITM) (CIVIL,05)
37223	MOHAMAD SUFFIAN BIN RAZALI	BE (HONS) (UPM) (CIVIL,04)
37224	MOHAMMAD FAIZAL BIN OTHMAN	BE (HONS) (UITM) (CIVIL,07)
37225	MOHD ARIF BIN SULAIMAN	BE (HONS) (UITM) (CIVIL,02) MSc (UITM) (CIVIL-STRUCTURE,08)

TRANSFER TO THE GRADE OF MEMBER

Name	M'ship No	Qualifications
ELECTRICAL		
LIM CHANG THIAW	17569	BE (HONS) (TASMANIA)(ELECTRICAL, 1996)
MECHANICAL		
CHENG NYEK PAW	14272	PART 2 (EC) (MECHANICAL, 1987)
ZULKIFLY BIN HASSAN	21613	BE (HONS) (UNI OF LEEDS)(MECHANICAL,1999)
PASS PROFESSIONAL ASSESSMENT (PAE)		
M'ship No	Name	Qualifications
CIVIL		
23907	NG CHUNG HOE	BE (HONS) (UPM) (CIVIL, 2002)
18643	NG TECK HIN	BE (HONS) (USM) (CIVIL, 1999) MSc (USM) (STRUCTURAL, 2001)
ELECTRICAL		
23985	UMA SHANTINI D/O SIVAPRAGASAM	BE (HONS) (UTM) (ELECTRICAL, 2001)

ELECTION TO THE GRADE OF MEMBER

Name	Qualifications
HARDY AZMIR BIN ANUAR	BE (MANCHESTER METROPOLITAN UNI)(COMPUTER & ELECTRONIC, 1999) ME (UTM)(ELECTRICAL - ELECTRONIC & TELECOM, 2005)
KHAIRUL HISHAM BIN AHMAD	BE (HONS) (UNITEN)(ELECTRICAL & ELECTRONIC, 2000)
YEOH ENG CHIN	BSc (MICHIGAN STATE UNI)(ELECTRICAL,1998)
HILMI BIN HAIRUDDIN	BE (HONS) (UTM)(MECHANICAL, 2000)
MOHD KHAIRUL ANUAR BIN SHARIF	BE (HONS) (UNI OF MAYAZAKI, JAPAN)(MECHANICAL, 2000) ME (NAGAOKA UNI OF TECH, JAPAN)(MECHANICAL, 2004)

PASS PAE

Name	Qualifications
CIVIL	
PUDZIL BIN MUHAMMAD DAUD	BE (HONS) (UTM) (CIVIL, 1992)

TRANSFER TO THE GRADE OF GRADUATE

M'ship No	Name	Qualifications
27246	NABILAH BINTI ADAM	BE (HONS) (UTM) (ELECT. & TELECOMMUNICATION,07)
21859	YAP BOON KAR	BE (HONS) (UNITEN) (ELECT. & ETRONIC,02)
MANUFACTURING		
26041	ASNUL HADI AHMAD	BE (HONS) (UTeM) (MANUFACTURING PROCESS,06)
31620	ZHAFRAN AIZAT BIN ZAKARIA	BE (HONS) (UTeM) (MANUFACTURING,07)
MECHANICAL		
22997	KHAIRUL HELMI BIN HASHIM	BE (HONS) (UITM) (MECHANICAL,05)
24993	LIM FANG YAU	BE (HONS) (UKM) (MECHANICAL,07)
30774	MOHD RAZLI ISHAM BIN MD	
	RADZI DZULKHAIRI	BE (HONS) (UNITEN) (MECHANICAL,08)
25536	ZAIRUL HAKIMY BIN MAT ZAIN	BE (HONS) (UTM) (MECHANICAL,05)

ADMISSION TO THE GRADE OF GRADUATE

M'ship No	Name	Qualifications
37226	MOHD ARIF KAMARUL BIN ARIFIN	BE (HONS) (UMP) (CIVIL,08)
37227	MOHD AZREEN BIN SAIDIN	BE (HONS) (UTM) (CIVIL,04)
37228	MOHD AZYUL BIN YAHAYA	BE (HONS) (UTM) (CIVIL,01)
37229	MOHD ONNY BIN MAHADI	BE (HONS) (UTP) (CIVIL,08)
37230	MOHD RUNNAZIM BIN MOHD JALANI	BE (HONS) (UTM) (CIVIL,04)
37231	MUSTAFA BIN AMAN	BE (HONS) (UTM) (CIVIL,01)
37232	NAZATULFIZAH BINTI MOHD SHARIF	BE (HONS) (UITM) (CIVIL,05), MSc (UITM) (STRUCTURES,08)
37233	NG JIUN HUEI	BE (HONS) (UTM) (CIVIL,08)
37234	NGOH SEE YUAN	BE (HONS) (UTM) (CIVIL,07)
37235	NOR ASHIKIN BINTI MUHAMAD	BE (HONS) (UKM) (CIVIL & STRUCTURE,04)
	KHAIRUSSALEH	MSc (USM) (STRUCTURE,06)
37236	NUR FADZILAH BINTI SULAIMAN	BE (HONS) (UTP) (CIVIL,08)
37237	OTHMAN BAKRI BIN ADNAN	BE (HONS) (USM) (CIVIL,94)
37238	RAFIZUL HAFIZ BIN RAMLI	BE (HONS) (UTM) (CIVIL,06)
37239	RAJAKUMARAN A/L RAJAPPAN	BE (HONS) (UM) (CIVIL,06)
37240	ROKIAH BINTI OTHMAN	BE (HONS) (UITM) (CIVIL,02) MSc (UITM) (CIVIL-STRUCTURE,07)
37241	ROSMAWATI BINTI MAMAT	BE (HONS) (UMP) (CIVIL,07)
37242	SHAFIENAZ BINTI ISMAIL	BE (HONS) (UITM) (CIVIL,05) MSc (UITM) (STRUCTURE,06)
37243	SO WEE SIANG	BE (HONS) (UTM) (CIVIL,03)
37244	SRI RAM AL RAMANKUTTY	BE (HONS) (UTM) (CIVIL,06)
37245	T. MEGALA D/O THIYAGARASU	BE (HONS) (UTM) (CIVIL,05)
37246	TAN KOK TONG	BE (HONS) (USM) (CIVIL,08)
37247	TAN MENG TONG	BE (HONS) (NEWCASTLE) (CIVIL,98) MSc (NEWCASTLE) (GEOTECHNICAL,00) BSc (HONS) (UTM) (CIVIL,01)
37248	TAN YU CHAI	ME (UTM) (CIVIL-STRUCTURE,06) BE (HONS) (UTM) (CIVIL,03) BE (HONS) (UTM) (CIVIL,07)
37249	TANGAI ANAK PALI	ME (UTM) (CIVIL-STRUCTURE,08)
37250	TEOW CHING CHING	BE (HONS) (UTM) (CIVIL,07) ME (UTM) (CIVIL-STRUCTURE,08)
37251	WANG CHAN YONG	BE (HONS) (UTM) (CIVIL,03)
37252	WONG BAK SHIUN	BE (HONS) (UTP) (CIVIL,08)
37253		BE (HONS) (UM) (CIVIL,04)
37254	FARIDAH BINTI RADIKIN	BE (HONS) (UTM) (CIVIL & ENVIRONMENTAL,00)
COMMUNICATION		
37255	MUHAMMAD ZAIM BIN HALILUL RAHUMAN	BE (HONS) (IUM) (COMMUNICATION,07)

ADMISSION TO THE GRADE OF GRADUATE

M'ship No	Name	Qualifications
COMPUTER		
37256	TEW YIQI	BE (HONS) (MMU) (ETRONIC IN COMPUTER)
37257	YAT GUO QUAN	BE (HONS) (UTM) (COMPUTER, 08)
ELECTRICAL		
37258	ADLINA BINTI KAMARUDDIN	BE (HONS) (UTM) (ELECTRICAL,08)
37259	AHMAD RIZAL BIN MUHAMMAD ARIF	BE (HONS) (UTP) (ELECT. & E'TRONIC,04)
37260	AHMAD ZHAFFRI BIN HAJI ABDUL GANI	BE (HONS) (UTM) (ELECT-INSTRUMENTATION & CONTROL,08)
37261	AIDIL FIQRI BIN MOHAMAD MUSLIM	BE (HONS) (UTM) (ELECTRICAL,08)
37262	ANDY YONG YUN HYEN	BE (HONS) (MONASH) (ELECT. & COMP,07)
37263	CHAN KHUN MENG	BE (HONS) (UPM) (ELECT. & E'TRONIC,07)
37264	CHEW PENG LEONG	BE (HONS) (SUNDERLAND) (ETRONIC & ELECT,06) MSc (NEWCASTLE UPON TYRE) (ELECT. POWER,07)
37265	CHOO PEI YIN	BE (HONS) (UTM) (ELECT.-ETRONIC,08)
37266	HAMIDON PAIZAL BIN AHMAD PUAD	BE (HONS) (UTM) (ELECT.-POWER,08)
37267	HERRNIE JOHN	BE (HONS) (UTM) (ELECT. & E'TRONIC,07)
37268	HO KAI FATT	BE (HONS) (MMU) (ELECTRICAL,08)
37269	HONG CHIN SOON	BE (RMIT) (ELECTRICAL,05)
37270	IDERIS BIN HADZIR	BE (HONS) (UTM) (ELECTRICAL,04)
37271	LIN CHEE CHUNG	BE (HONS) (WESTERN AUSTRALIA) (ELECT. & E'TRONIC,04)
37272	MOHAMED RIDZUAN BIN ABDUL WAHAB	BE (HONS) (UTP) (ELECT. & E'TRONIC,05)
37273	MOHD AZHARI BIN SAHAR	BE (HONS) (UTM) (ELECTRICAL,08)
37274	MUHAMMAD FARIZ BIN HAMID	BE (HONS) (UTM) (ELECTRICAL,06)
37275	NURHUDA BINTI AHMAD DANIAL	BE (HONS) (UTM) (ELECT. & E'TRONIC,08)
37276	PARAMESWARAN S/O PERIASAMY	BE (HONS) (NOTTINGHAM TRENT) (ELECT. & E'TRONIC,97)
37277	THEE TEONG HONG	BE (HONS) (UTM) (ELECTRICAL,07)
37278	VINCENT TAN JACK CHEONG	BE (HONS) (LIVERPOOL) (ELECTRICAL,97)
37279	WONG ZHI LI	BE (HONS) (MMU) (ELECTRICAL,08)
ELECTRONIC		
37280	AHMAD RAZIFF BIN MAT DARUS	BE (HONS) (UTM) (ELECT-ETRONIC,04)
37281	MOHAMAD SHAIFUDIN BIN HASSAN	BE (HONS) (UTM) (ELECTRICAL,01)
37282	MUHAMMAD AZIM BIN MOHD AZLIN	BE (HONS) (UTM) (ELECT. & E'TRONIC,07)
37283	NOOHAFIZE BIN NOORDIN	BE (HONS) (UTM) (ELECT.-MECHATRONICS,00)
37284	NORSYAHIMAN BIN ABDUL RAHMAN	BE (HONS) (UTM) (ELECTRICAL,99)
37285	PUTRA MUNAWWAR BIN ASHAR AZMI	BE (HONS) (UTHM) (ELECT.-TELECOMMUNICATION,07)

ADMISSION THE GRADE OF STUDENT

M'ship No	Name	Qualifications
AGRICULTURAL		
37302	MOHD HANAFI BIN MOHD TAIB	FINAL YEAR (UPM) (AGRICULTURAL)
37303	NUR DALILAH HUSNA BINTI ABU SHAHAR	3RD YEAR (UPM) (AGRICULTURAL)
37304	ZUHAILA BINTI KHAIRI	3RD YEAR (UPM) (AGRICULTURAL)
CHEMICAL		
37305	CHENG WAI KIT	1ST YEAR (UMS) (CHEMICAL)
37306	KHAIRUNNISA BINTI JAMALUDDIN	FINAL YEAR (UTM) (CHEMICAL)
37307	MOHD IQBAL BIN RAZAK	3RD YEAR (UKM) (CHEMICAL)
37308	NORASHKIN BINTI MHD NON	FINAL YEAR (UTM) (CHEMICAL)
37309	TEOH YI PENG	3RD YEAR (UPM) (CHEMICAL)
CIVIL		
37310	ABDUL HAFIDZ BIN ABDUL WAHAB	3RD YEAR (UTHM) (CIVIL)
37311	AHMAD FADHIL KHAIRI BIN MOHD ALI	3RD YEAR (UTHM) (CIVIL)
37312	ANNIE LIM SHEA LI	3RD YEAR (UTAR) (CIVIL)
37313	ASRIMAYANTI BINTI CHE ARI	3RD YEAR (UTHM) (CIVIL)
37314	AZIZA PARVIN BINTI PATULDIN	3RD YEAR (UTHM) (CIVIL)
37315	AZMI BIN SAID	3RD YEAR (UTHM) (CIVIL)
37316	BASERIAH BINTI SALLEH	3RD YEAR (UTHM) (CIVIL)
37317	CHEN FAN YUN	3RD YEAR (UTAR) (CIVIL)
37318	CHEONG LIH SING	3RD YEAR (UTHM) (CIVIL)
37319	CHONG MING HAN	FINAL YEAR (UTM) (CIVIL)
37320	CONNIE LO SET YEN	3RD YEAR (UTAR) (CIVIL)
37321	EIZATUL FATANAH BINTI CHIK	3RD YEAR (UTHM) (CIVIL)
37322	FAIZATUL MAZIAH BINTI MUSTAFA	3RD YEAR (UTHM) (CIVIL)
37323	FARIDATUN BINTI DIN	3RD YEAR (UTHM) (CIVIL)
37324	GAN CHAI YIN	3RD YEAR (UTHM) (CIVIL)
37325	GOH WEI KANG	3RD YEAR (UTAR) (CIVIL)
37326	HANIZATUL AKMAR BINTI MAT RASIT	3RD YEAR (UTHM) (CIVIL)
37327	INTAN SYAZLINA BINTI AHMAD RUSLI	3RD YEAR (UTHM) (CIVIL)
37328	JAMILAH BINTI MOHD NOOR	3RD YEAR (UTHM) (CIVIL)
37329	JASMIN BINTI JOHARI	3RD YEAR (UTHM) (CIVIL)
37330	JEN PAUL LEE	3RD YEAR (UTHM) (CIVIL)
37331	JULIANA BINTI JAIS	3RD YEAR (UTHM) (CIVIL)
37332	KHAIRUL FAIZAL BIN MAMAT	3RD YEAR (UTHM) (CIVIL)
37333	KHAIRUL HAFIZ BIN MOHD ALI	3RD YEAR (UTHM) (CIVIL)
37334	KHIR MUKMIN BIN ROSLI	FINAL YEAR (UTM) (CIVIL)
37335	LAU CHEE SIANG	3RD YEAR (UTAR) (CIVIL)
37336	LEE KAR FUNG	3RD YEAR (UTHM) (CIVIL)
37337	LEE KIAN HOO	3RD YEAR (UMP) (CIVIL)
37338	LEE KIN LEONG	3RD YEAR (UTHM) (CIVIL)
37339	LEE MAO RUI	3RD YEAR (UTHM) (CIVIL)
37340	LIM CHEE YONG	3RD YEAR (UTAR) (CIVIL)
37341	LIPANUS BELIN	3RD YEAR (UTHM) (CIVIL)
37342	LIYANA BT MOHD RASID	3RD YEAR (UTHM) (CIVIL)
37343	LOOI WEI LOONG	3RD YEAR (UTAR) (CIVIL)
37344	MANASSEH VOON YEE KUO	3RD YEAR (UTHM) (CIVIL)
37345	MASZURA BINTI SUDI	3RD YEAR (UTHM) (CIVIL)
37346	MOHAMMAD FARID BIN HASSAN	FINAL YEAR (UTM) (CIVIL)
37347	MOHD AFIQ BIN MOHD FAUZI	3RD YEAR (UTHM) (CIVIL)
37348	MOHD AFZAINAM BIN CHE SOH	3RD YEAR (UTHM) (CIVIL)
37349	MOHD ASYRAF BIN RADZI	3RD YEAR (UTHM) (CIVIL)
37350	MOHD AUSSIFF BIN ISMAIL	3RD YEAR (UTHM) (CIVIL)
37351	MOHD AZIZI BIN ABDUL AZIZ@PUTEH	FINAL YEAR (UTM) (CIVIL)
37352	MOHD AZWAN BIN MOSKAM	FINAL YEAR (UTM) (CIVIL)
37353	MOHD FARHAN BIN MOHAMAD	3RD YEAR (UTHM) (CIVIL)

ADMISSION TO THE GRADE OF GRADUATE

M'ship No	Name	Qualifications
MATERIAL		
37286	JULIE JULIEWATTY MOHAMED	BE (HONS) (USM) (MATERIAL,01) MSc (USM) (MATERIAL,04), PhD (USM) (MATERIAL,08)
37287	SRIMALA SREEKANTAN	BE (HONS) (USM) (MATERIAL,99) , MSc (USM) (MATERIAL,02), PhD (USM) (MATERIAL,06)
MECHANICAL		
37288	G.VENGADESAN AL KS GOVINDARAJALU	BE (HONS) (UTHM) (MECHANICAL,06)
37289	MOHAMAD FIRDAUS BIN MOHAMED OMAR	BE (MINNESOTA USA) (MECHANICAL,04)
37290	MOHD DINUL SYAHIDI BIN SABARDIN	BE (HONS) (UKM) (MECHANICAL,05)
37291	MOHD FADILROLLAH BIN YAHAYA	BE (HONS) (UTM) (MECHANICAL,04)
37292	MOHD FARID BIN JAMLUS	BE (HONS) (UTM) (MECHANICAL,04)
37293	MOHD HAFIZUL AMIN BIN MHD SUPIAN	BE (HONS) (UKM) (MECHANICAL,06)
37294	MOHD HAZWAN BIN MOHAMED NORLI	BE (HONS) (IUM) (MECH-AUTOMOTIVE,07)
37295	MUHAMMAD IZWAN BIN ISMAIL	BE (HONS) (UKM) (MECHANICAL,05)
37296	PAU LING TIING	PART 1 & 2 (MEMBER) (MECHANICAL,2006)
37297	SAKTHIASWARAN A/L KALIAPPAN	BE (HONS) (MMU) (MECHANICAL,07)
37298	SANGEETHA NADARAJAN	ME (HONS) (WARWICK) (MECHANICAL,08)
37299	SHAHROL BIN MOHAMADAN	BE (SHIBAURA INST) (MECH,05) ME (SHIBAURA INST) (MECH,07)
37300	TEO WEI KHER	BE (HONS) (SHEFFIELD) (MECH,02)
37301	WAN MUZZAFFAR BIN WAN MUHAMMAD	BE (HONS) (UM) (MECHANICAL,04)

ADMISSION TO THE GRADE OF INCORPORATED MEMBER

M'ship No	Name	Qualifications
ELECTRICAL		
37615	HARVINDER SINGH AL JOGINDER SINGH	BE (LINCOLN UNIV) (ELECT. & E'TRONIC,04)

ADMISSION TO THE GRADE OF ASSOCIATE MEMBER

M'ship No	Name	Qualifications
MECHANICAL		
37614	TILAKASIRI AL SIMON	DIP (SPORE POLYTECHNIC) (MECH,85)

ADMISSION THE GRADE OF STUDENT

M'ship No	Name	Qualifications
37354	MOHD FAUZI BIN MAZUKI	FINAL YEAR (UTM) (CIVIL)
37355	MOHD FAZALNUZAM BIN SHAMSUDIN	1ST YEAR (UM) (CIVIL)
37356	MOHD FIRDAUS BIN MOHD ZAWAWI	3RD YEAR (UTHM) (CIVIL)
37357	MOHD HAFIZ DIN BIN MUSA	3RD YEAR (UTHM) (CIVIL)
37358	MOHD MUHAMMAD BIN RIDWAN WONG	3RD YEAR (UTHM) (CIVIL)
37359	MOHD SHAFFIK BIN AHMAD	3RD YEAR (UTHM) (CIVIL)
37360	MOHD SHERIDAN BIN SAMSUL	
	BAHARIN@MOHD ROFAA	3RD YEAR (UTHM) (CIVIL)
37361	MOHD ZAIDI BIN ZURAINI	3RD YEAR (UTHM) (CIVIL)
37362	MUHAMMAD HAKIMUDDIN BIN AMRAN	3RD YEAR (UTHM) (CIVIL)
37363	MUHAMMAD HAZWAN BIN WAN HUSAIN	3RD YEAR (UTHM) (CIVIL)
37364	MUZLIFAH BIN ARPAAE	3RD YEAR (UTHM) (CIVIL)
37365	NATHILAH BINTI SHARUDDIN	3RD YEAR (UTHM) (CIVIL)
37366	NOOR HEDAYAH BINTI BORHAN	3RD YEAR (UTHM) (CIVIL)
37367	NOR AINI BINTI MOHD ARIF	3RD YEAR (UTHM) (CIVIL)
37368	NOR AZIZAH BINTI MOHAMMED RUM	3RD YEAR (UTHM) (CIVIL)
37369	NOR AZUWAN ERFAN BIN AHYAD	FINAL YEAR (UTM) (CIVIL)
37370	NOR FADZILLA BINTI RASLI	3RD YEAR (UTHM) (CIVIL)
37371	NORAINI BINTI RAMLAN	3RD YEAR (UTHM) (CIVIL)
37372	NORASHAH BINTI ZAKARIA	3RD YEAR (UTHM) (CIVIL)
37373	NORASHKIN BINTI SHAHARUM	3RD YEAR (UTHM) (CIVIL)
37374	NORFAREHAN BINTI MOHAMAD	3RD YEAR (UTHM) (CIVIL)
37375	NORHANIS BINTI JOHAR	3RD YEAR (UTHM) (CIVIL)
37376	NORHASNIDA BINTI JOHARI	3RD YEAR (UTHM) (CIVIL)
37377	NORMAZWAN SHAH BIN ANAS	FINAL YEAR (UTM) (CIVIL)
37378	NUR ANIS BINTI IBRAHIM	3RD YEAR (UTHM) (CIVIL)
37379	NURHALIMAH HAFIZAH BINTI RUSTAM	3RD YEAR (UTHM) (CIVIL)
37380	NURLAILY SULIANA BINTI ZOLKIIFLI	3RD YEAR (UTHM) (CIVIL)
37381	NURSARAH BINTI SAFRI	3RD YEAR (UTHM) (CIVIL)
37382	NURUL AIN MOHAMAD HARUN	3RD YEAR (UTHM) (CIVIL)
37383	NURUL SYUHADA SAFARUDDIN	3RD YEAR (UTHM) (CIVIL)
37384	NURUL WAHIDA BINTI DALHAM	3RD YEAR (UTHM) (CIVIL)
37385	NURULIYANA ADIRAH BINTI ABDUL KADER	3RD YEAR (UTHM) (CIVIL)
37386	ROZALIND BINTI ABD RASIT	3RD YEAR (UTHM) (CIVIL)
37387	SALIHAH BINTI HJ. SURUL	3RD YEAR (UTHM) (CIVIL)
37388	SALNIA BINTI SAING	3RD YEAR (UTHM) (CIVIL)
37389	SEAH CHING SHENG	2ND YEAR (NOTTINGHAM) (CIVIL)
37390	SHERMAN LIM SIN WEI	3RD YEAR (UTHM) (CIVIL)
37391	SIM YIH DER	3RD YEAR (UTHM) (CIVIL)
37392	SITI AMINAH BINTI MOHAMMAD	3RD YEAR (UTHM) (CIVIL)
37393	SITTI MARYAM BINTI ABD HAMID	3RD YEAR (UTHM) (CIVIL)
37394	SUHAIMI BIN ZUHAIDI	3RD YEAR (UTHM) (CIVIL)
37395	SYARIFAH NOORUL ASYKIN BINTI SY IDRUS	3RD YEAR (UTHM) (CIVIL)
37396	SYED AHMAD AHARIEF BIN SYED ARISZUDDIN	3RD YEAR (UTHM) (CIVIL)
37397	TANG FOOK ONN	3RD YEAR (UTHM) (CIVIL)
37398	TIEW LEE YIN	2ND YEAR (UMP) (CIVIL)
37399	TING KWONG YING	2ND YEAR (NOTTINGHAM) (CIVIL)
37400	WAN FAKHARI HIZAMI BIN WAN ANNUAR	3RD YEAR (UTHM) (CIVIL)
37401	WONG MEE SAN	3RD YEAR (UTHM) (CIVIL)
37402	ZAINUR AIN BINTI BACHOK	3RD YEAR (UTHM) (CIVIL)
37403	ZURAIDA BINTI HAMJAH	3RD YEAR (UTHM) (CIVIL)
ELECTRICAL		
37404	AZLAN SHAH BIN MOHAMED ARIS	FINAL YEAR (UTHM) (ELECTRICAL)
37405	MD SHAHRLUL ANIS BIN MAT ARIFIN	FINAL YEAR (UTHM) (ELECTRICAL)
37406	MOHAMAD AZRI BIN SAIDIN	FINAL YEAR (UTHM) (ELECTRICAL)
37407	MOHD AZINUDDIN BIN NAWAWI	1ST YEAR (UTM) (ELECTRICAL)
37408	MOHD NORHAFIZ BIN ABU SAHIT	FINAL YEAR (UTHM) (ELECTRICAL)

ADMISSION THE GRADE OF STUDENT		
M'ship No	Name	Qualifications
37409	MOHD RIDZUAN BIN ROMLI	FINAL YEAR (UTHM) (ELECTRICAL)
37410	MUHAMMAD NAZRI BIN CHE ANI	FINAL YEAR (UTHM) (ELECTRICAL)
37411	MUHAMMAD AKMAL BIN AB. RAHMAN	FINAL YEAR (UTHM) (ELECTRICAL)
37412	MUHAMMAD FADHIL BIN SHIKH ANUAR	FINAL YEAR (UTHM) (ELECTRICAL)
37413	MUHAMMAD FARHAN BIN HAMDAN	FINAL YEAR (UTHM) (ELECTRICAL)
37414	MUHAMMAD KHAIRUL HAFIZI BIN AB. RAHMAN	FINAL YEAR (UTHM) (ELECTRONIC & ELECT.)
37415	NORZUWAN BIN CHE HAMID	FINAL YEAR (UTHM) (ELECT. & ELECTRONIC)
37416	SHAHIRIMY AZURFIN BIN ABDULL SAMAD	FINAL YEAR (UTHM) (ELECTRICAL)
37417	ZUL REZDUAN BIN ABD GHANNI@ABD GHANI	FINAL YEAR (UTHM) (ELECTRICAL)
ELECTRONIC		
37418	AMIR RIDHWAN BIN GHAZALI	FINAL YEAR (MMU) (ELECTRONIC)
37419	CHIA CHONG LUN	3RD YEAR (MMU) (ELECTRONIC)
37420	EDWIN CHUAH EIK EN	3RD YEAR (MMU) (ELECTRONIC)
37421	FONG YEN HONG	2ND YEAR (MMU) (ELECTRONIC)
37422	HAIRUL ANUAR BIN HAJALI	3RD YEAR (UAM) (ELECTRONIC-COMPUTER)
37423	MUHAMMAD HAZMAN RAFIE BIN ABDUL RAHIM	1ST YEAR (UIM) (ELECTRONIC)
37424	MUHAMMAD TAUFIQ BIN HOOD	1ST YEAR (UIM) (ELECTRONIC)
37425	TAN KAH WOI	3RD YEAR (MMU) (ELECTRONIC)
37426	TUNG SOON SENG	3RD YEAR (UTAR) (ELECTRONIC & ELECTRICAL)
37427	ZUL FAZLIZAN BIN SAIDIN	FINAL YEAR (MMU) (ELECTRONIC)
MANUFACTURING		
37428	AMIERUL BIN NORAINI	3RD YEAR (UKM) (MANUFACTURING)
37429	ASHOK KUMAR A/L S.P.SOLAYAN	3RD YEAR (UKM) (MANUFACTURING)
37430	CHAN NGIM SAN	3RD YEAR (UKM) (MANUFACTURING)
37431	CHIA SIN LONG	3RD YEAR (UKM) (MANUFACTURING)
37432	CHIN FOONG KUAN	3RD YEAR (UKM) (MANUFACTURING)
37433	CHONG HOOI CHEN	FINAL YEAR (UKM) (MANUFACTURING)
37434	CHONG OI LING	FINAL YEAR (UKM) (MANUFACTURING)
37435	CHUA YUK JIANG	FINAL YEAR (UKM) (MANUFACTURING)
37436	EMILIA BINTI MAT LAJIM	3RD YEAR (UKM) (MANUFACTURING)
37437	FAHRURAZI BIN MOHAMAD	3RD YEAR (UKM) (MANUFACTURING)
37438	FARAH AMALINA BINTI AHMAD SUHAIMI	3RD YEAR (UKM) (MANUFACTURING)
37439	FATHIYAH BINTI IBERAHIM	3RD YEAR (UKM) (MANUFACTURING)
37440	GO TZE FONG	FINAL YEAR (UKM) (MANUFACTURING)
37441	GOH LAY PENG	3RD YEAR (UKM) (MANUFACTURING)
37442	HAMZAH ALIAS BINTI ABDUL RAHMAN	3RD YEAR (UKM) (MANUFACTURING)
37443	HASANUL IZWAN BIN AB. WAHAB	FINAL YEAR (UKM) (MANUFACTURING)
37444	HIEW WENG FATT	3RD YEAR (UKM) (MANUFACTURING)
37445	INTAN LIYANA BINTI RAMLI	3RD YEAR (UKM) (MANUFACTURING)
37446	IVAN LOH KEN WENG	3RD YEAR (UM) (MANUFACTURING)
37447	JURIDAH BINTI JOHARI	3RD YEAR (UKM) (MANUFACTURING)
37448	KHAIRUL MUHAMMIN AHMAD NIZAR	FINAL YEAR (UKM) (MANUFACTURING)
37449	KUJ BI YONG	3RD YEAR (UKM) (MANUFACTURING)
37450	LIM JUI HONG	3RD YEAR (UKM) (MANUFACTURING)
37451	MOHAMAD SYAKIR BIN KHASMANI	FINAL YEAR (UKM) (MANUFACTURING)
37452	MOHAMED NORAZAM BIN MOHD MOKHTAR	FINAL YEAR (UKM) (MANUFACTURING)
37453	MOHD AZRI BIN OTHMAN	3RD YEAR (UKM) (MANUFACTURING)
37454	MOHD BUKHARI BIN MOHD AZMIN	3RD YEAR (UKM) (MANUFACTURING)
37455	MOHD FAZURI BIN ABDULLAH	FINAL YEAR (UKM) (MANUFACTURING)
37456	MOHD HAFIZ BIN AHMAD BASUKI	3RD YEAR (UKM) (MANUFACTURING)
37457	MOHD YUSRI BIN MOHD YUSOF	FINAL YEAR (UKM) (MANUFACTURING)
37458	MUHAMMAD HAFIZUDIN BIN IDRIS	FINAL YEAR (UKM) (MANUFACTURING)
37459	NISHATA ROYAN A/P RAJENDRAN ROYAN	FINAL YEAR (UKM) (MANUFACTURING)
37460	NORAZLINA BINTI MOHD FAUDZI	3RD YEAR (UKM) (MANUFACTURING)
37461	NURUL NAJWA BINTI ABD RAHMAN	3RD YEAR (UKM) (MANUFACTURING)
37462	NURULZIAH BINTI ADDUL GHANI	FINAL YEAR (UKM) (MANUFACTURING)
37463	OOI AI CHIN	FINAL YEAR (UKM) (MANUFACTURING)
37464	REGUNATHAN A/L PARASURAMAN	3RD YEAR (UKM) (MANUFACTURING)
37465	ROBIHAH BINTI MOHAMAD RADZAK	FINAL YEAR (UKM) (MANUFACTURING)
37466	SAIDATUL SYAZWANI BINTI ZULKIFFLI	3RD YEAR (UKM) (MANUFACTURING)
37467	SAN WEI KOON	3RD YEAR (UKM) (MANUFACTURING)
37468	SHAHIDA AZURA BINTI MOHD AYOB	FINAL YEAR (UKM) (MANUFACTURING)
37469	SITI FARINA ALIA BINTI NUSRI	3RD YEAR (UKM) (MANUFACTURING)
37470	SITI NOR 'AIN BINTI CHE OMAR	3RD YEAR (UKM) (MANUFACTURING)
37471	SITI ROSILAH BINTI ABDOLLAH	FINAL YEAR (UKM) (MANUFACTURING)
37472	SITI SANIAH BINTI AB KARIM	3RD YEAR (UKM) (MANUFACTURING)
37473	STEPHANIE TAN CHIA VEN	3RD YEAR (UKM) (MANUFACTURING)
37474	SU YIK CHEAK	3RD YEAR (UKM) (MANUFACTURING)
37475	SUKERI BIN YUSOF	FINAL YEAR (UKM) (MANUFACTURING)
37476	TAN BOON SIONG	3RD YEAR (UKM) (MANUFACTURING)
37477	TAN JIA YEE	FINAL YEAR (UKM) (MANUFACTURING)
37478	TAN KANG SOON	3RD YEAR (UKM) (MANUFACTURING)
37479	TAY HONG FOOK	FINAL YEAR (UKM) (MANUFACTURING)
37480	TE BOON CHUN	3RD YEAR (UKM) (MANUFACTURING)
37481	TEO CHEE SEONG	3RD YEAR (UKM) (MANUFACTURING)
37482	THEY KAI IAN	3RD YEAR (UKM) (MANUFACTURING)
37483	THIAGHU AL SELVARAJ	3RD YEAR (UKM) (MANUFACTURING)
37484	THONG CHIN NU	FINAL YEAR (UKM) (MANUFACTURING)
MECHANICAL		
37485	ABDUL QAYYUM BIN ABDULLAH	FINAL YEAR (UKM) (MECHANICAL)
37486	AHMAD FAIZ FAIRUZ BIN MOHD	FINAL YEAR (UKM) (MECHANICAL)
37487	AINI IDAYU BINTI RUHANI	FINAL YEAR (UKM) (MECHANICAL)
37488	ASFAIRUL BIN ABDUL MAJID	FINAL YEAR (UKM) (MECHANICAL)
37489	HAZWAN AZFAR BIN MOHAMAD SAAD	FINAL YEAR (UKM) (MECHANICAL)
37490	HOO CHOON LIH	FINAL YEAR (UKM) (MECHANICAL)
37491	HOW CHIN WEN	FINAL YEAR (UKM) (MECHANICAL)
37492	LEW CHEE WEI	FINAL YEAR (UKM) (MECHANICAL)
37493	LYE HOONG LEONG	FINAL YEAR (UKM) (MECHANICAL)
37494	MOHAMAD ARIFIN BIN MOHAMAD @ HUSSAIN	FINAL YEAR (UKM) (MECHANICAL)
37495	MOHAMAD SHAHIDAN BIN HASSIN@HASHIM	FINAL YEAR (UKM) (MECHANICAL)
37496	MOHAMED HAFIFI BIN ZULKEFLI	FINAL YEAR (UKM) (MECHANICAL)
37497	MOHD ARIEF FIRDAUS BIN MOHD YUSOF	FINAL YEAR (UKM) (MECHANICAL)
37498	MOHD AZMI BIN RAZALI	FINAL YEAR (UKM) (MECHANICAL)
37499	MOHD FARID BIN SABREE	FINAL YEAR (UKM) (MECHANICAL)
37500	MOHD FIRDAUS BIN ZAINAL	FINAL YEAR (UKM) (MECHANICAL)
37501	MOHD IZUWAN BIN ILMI	FINAL YEAR (UKM) (MECHANICAL)
37502	MOHD KHAIRUL HISYAM BIN ZULKEFLI	FINAL YEAR (UKM) (MECHANICAL)
37503	MOHD KHAIRUL AMRY BIN OMAR	FINAL YEAR (UKM) (MECHANICAL)
37504	MOHD RAZI BIN RAZALI	FINAL YEAR (UKM) (MECHANICAL)

ADMISSION THE GRADE OF STUDENT		
M'ship No	Name	Qualifications
37505	MOHD RIDUAN BIN MAT NOOR	FINAL YEAR (UKM) (MECHANICAL)
37506	MOHD SHAHRUL BIN AZMIR	FINAL YEAR (UKM) (MECHANICAL)
37507	MUHAMMAD ABDUL QAYYUM BIN ABDILLAH	FINAL YEAR (UKM) (MECHANICAL)
37508	MUHAMMAD ALI UDDIN BIN BAKAR	FINAL YEAR (UKM) (MECHANICAL)
37509	MUHAMMAD BIN AB HALIM@MAT SOH	FINAL YEAR (UKM) (MECHANICAL)
37510	MUHAMMAD FAIZ BIN HASSAN	FINAL YEAR (UKM) (MECHANICAL)
37511	NOR AFZANIZAM BIN SAMIRAN	FINAL YEAR (UKM) (MECHANICAL)
37512	NOR AZMI BIN AMATOKIRAN	FINAL YEAR (UKM) (MECHANICAL)
37513	NORHAFAZAH BINTI BIYAMNI	FINAL YEAR (UKM) (MECHANICAL)
37514	POO SUK CHIN	FINAL YEAR (UKM) (MECHANICAL)
37515	RUMAL -SYAFIQ BIN MOHAMAD KAMAN	FINAL YEAR (UKM) (MECHANICAL)
37516	SOR CA BOON	FINAL YEAR (UKM) (MECHANICAL)
37517	TEH CIK KWANG	FINAL YEAR (UKM) (MECHANICAL)
37518	WAN MOHAMAD FAIZ BIN WAN AZIZ	FINAL YEAR (UKM) (MECHANICAL)
37519	ABD SALAM BIN ADAM	FINAL YEAR (UKM) (MECHANICAL)
37520	ABDULLAH BIN HARUN	3RD YEAR (UKM) (MECHANICAL)
37521	AFIZUL BIN ASAN BASERI	3RD YEAR (UKM) (MECHANICAL)
37522	AHMAD ASYRAF BIN AHMAD FAUZI	3RD YEAR (UKM) (MECHANICAL)
37523	AHMAD DELI BIN MOHD NOOR	FINAL YEAR (UKM) (MECHANICAL)
37524	AHMAD FADHIL BIN ISMAIL	3RD YEAR (UKM) (MECHANICAL)
37525	AHMAD FAIZOL BIN ISMAIL	FINAL YEAR (UKM) (MECHANICAL)
37526	AHMAD FAZLI BIN MOHAMAD NOR	3RD YEAR (UKM) (MECHANICAL)
37527	AMARAWADE THEIP AKSORN A/L KENENG	2ND YEAR (MMU) (MECHANICAL)
37528	ASFAEZUDDIN BIN ZAKARIA	FINAL YEAR (UKM) (MECHANICAL)
37529	CHAN HWA HING	3RD YEAR (UKM) (MECHANICAL)
37530	CHENG LI WEI	2ND YEAR (UM) (MECHANICAL)
37531	CHEW CHIEN LYE @ MERVIN	3RD YEAR (UKM) (MECHANICAL)
37532	EOW CHIA LOON	3RD YEAR (UKM) (MECHANICAL)
37533	ERIC ANTON AL JOSEPH	2ND YEAR (MMU) (MECHANICAL)
37534	AROKIANATHAN AMALRAJ	2ND YEAR (MMU) (MECHANICAL)
37535	FADZLI NORHISYAM BIN MD. RASHID	3RD YEAR (UKM) (MECHANICAL)
37536	HANIS RASYDAH BINTI DOLLAH @ ABDULLAH	3RD YEAR (UKM) (MECHANICAL)
37537	HAZMI BIN MOHAMAD	3RD YEAR (UKM) (MECHANICAL)
37538	HOR KHANG TEIK	2ND YEAR (UM) (MECHANICAL)
37539	KALVINDER SINGH A/L BALWAN SINGH	2ND YEAR (MMU) (MECHANICAL)
37540	KARMILA BINTI YAHSI	1ST YEAR (UMS) (MECHANICAL)
37541	KHAIRUL ARIFIN BIN SULAIMAN	3RD YEAR (UKM) (MECHANICAL)
37542	KONG YAT SHENG	3RD YEAR (UKM) (MECHANICAL)
37543	LEE RUN TING	2ND YEAR (UM) (MECHANICAL)
37544	LEE WEI CHEE	3RD YEAR (UKM) (MECHANICAL)
37545	LEE YAU WENG	3RD YEAR (UKM) (MECHANICAL)
37546	LIM CHIN ZHUAN	3RD YEAR (UKM) (MECHANICAL)
37547	LIM HAN WAE	3RD YEAR (UKM) (MECHANICAL)
37548	LIM SIEW YEE	3RD YEAR (UKM) (MECHANICAL)
37549	LIM TAU WEI	3RD YEAR (UKM) (MECHANICAL)
37550	LOH SOON CHONG	3RD YEAR (UKM) (MECHANICAL)
37551	LOI JIA WEN	3RD YEAR (UKM) (MECHANICAL)
37552	MAILVAGANAM RAAMJEE	2ND YEAR (UCSI) (MECHANICAL)
37553	MD RAZIZ HAIRY BIN MOHD ALI	3RD YEAR (UKM) (MECHANICAL)
37554	MIOHD ARIF BIN ADNAN	3RD YEAR (UKM) (MECHANICAL)
37555	MOHAMAD FAISAL FARID BIN MOHD ZAINI	3RD YEAR (UKM) (MECHANICAL)
37556	MOHAMED HAFEZ BIN KAMARUDIN	3RD YEAR (UKM) (MECHANICAL)
37557	MOHAMED HAFIS BIN MOHOSSEIN MOLLA	3RD YEAR (UTM) (MECHANICAL)
37558	MOHD AFDHAL BIN SHAMSUDIN	FINAL YEAR (UKM) (MECHANICAL)
37559	MOHD ALIFEE BIN OTHMAN	3RD YEAR (UKM) (MECHANICAL)
37560	MOHD AMRI BIN MOHAMED KHAIRI	FINAL YEAR (UKM) (MECHANICAL)
37561	MOHD AZANURDIDIN BIN MD YUSOFF	3RD YEAR (UKM) (MECHANICAL)
37562	MOHD AZIM BIN MUSTHAFA	3RD YEAR (UKM) (MECHANICAL)
37563	MOHD AZINUDDIN BIN ISMAIL	FINAL YEAR (UKM) (MECHANICAL)
37564	MOHD FAIZAL BIN MOHAMAD Zaid	3RD YEAR (UKM) (MECHANICAL)
37565	MOHD FUAD BIN ABDUL HAMID	3RD YEAR (UKM) (MECHANICAL)
37566	MOHD HANAFIAH BIN OTHMAN	3RD YEAR (UKM) (MECHANICAL)
37567	MOHD IRSYADI BIN AHMAD SUHAIMI	3RD YEAR (UKM) (MECHANICAL)
37568	MOHD MARZUQI BIN MOHD DALIM	3RD YEAR (UKM) (MECHANICAL)
37569	MOHD NUR KHAIRULNIZAM BIN MOHD GHAZALI	3RD YEAR (UKM) (MECHANICAL)
37570	MOHD RAIS NAJMEE BIN RAMLI	3RD YEAR (UKM) (MECHANICAL)
37571	MOHD SYAFIQ BIN YACOB	3RD YEAR (UKM) (MECHANICAL)
37572	MOHD SYAZWAN BIN MOHD RASLI	3RD YEAR (UKM) (MECHANICAL)
37573	MOHD SAIFUNNAIM BIN MAT ZAIN	FINAL YEAR (UKM) (MECHANICAL)
37574	MUHAMAD HAPIZUDIN BIN AHMAD	3RD YEAR (UKM) (MECHANICAL)
37575	MUHAMAD SHAHIR BIN MOHD NOOR	3RD YEAR (UKM) (MECHANICAL)
37576	MUHAMMAD AFIF ASHRAF BIN MAT JUSOH	3RD YEAR (UKM) (MECHANICAL)
37577	MUHAMMAD HASIF BIN SEZALI	3RD YEAR (UKM) (MECHANICAL)
37578	MUHAMMAD SAFFWAN BIN AB RAHIM	3RD YEAR (UKM) (MECHANICAL)
37579	MUHAMMAD SOFFI BIN ABDUL RASHID	3RD YEAR (UKM) (MECHANICAL)
37580	MUHD ARIF BIN AHMAD HASBULLAH	3RD YEAR (UKM) (MECHANICAL)
37581	NAZARIAH BINTI MUSLIMIN	3RD YEAR (UKM) (MECHANICAL)
37582	NG CHUN TA	3RD YEAR (UKM) (MECHANICAL)
37583	NG SEE KIAT	BE (HONS) (SHEFFIELD HALLAM) (MECH. & MNFG.07)
37584	NG TZE QUAN	3RD YEAR (UKM) (MECHANICAL)
37585	NG WEI SUNG	3RD YEAR (UKM) (MECHANICAL)
37586	NG YEN CHEONG	3RD YEAR (UKM) (MECHANICAL)
37587	NIK IZZATI ATHEERAH BINTI NIK RAZALI	BE (HONS) (SHEFFIELD HALLAM) (MECH. & MNFG.07)
37588	NOR AIDILATIRA BINTI MOHD TARMUDI	2ND YEAR (UMS) (MECHANICAL)
37589	NORHABIB BIN MOHD KAMIN	3RD YEAR (UKM) (MECHANICAL)
37590	NORHIDAYATUN BINTI MOHD NOR	FINAL YEAR (UKM) (MECHANICAL)
37591	NORSILAWATI BINTI ISMAIL	3RD YEAR (UKM) (MECHANICAL)
37592	NORSUHAILA BINTI ABDUL LATIF	2ND YEAR (MMU) (MECHANICAL)
37593	NUR LIYANA BINTI OTHMAN	3RD YEAR (UKM) (MECHANICAL)
37594	NURAINI FATHIAH BINTI MOHD JAFFAR	3RD YEAR (UKM) (MECHANICAL)
37595	OH PUJ KUEN@KOH PUJ KUEN	BE (HONS) (SHEFFIELD HALLAM) (MECH. & MNFG.07)
37596	PANG CHIN YI	3RD YEAR (UKM) (MECHANICAL)
37597	POH KAI SIN	2ND YEAR (UM) (MECHANICAL)
37598	SALAHUDDIN BIN ABDUL WAHAB	3RD YEAR (UKM) (MECHANICAL)
37599	SEE CHOR XIU	2ND YEAR (UM) (MECHANICAL)
37600	SHAHARIZAN BIN HARON	3RD YEAR (UKM) (MECHANICAL)
37601	SHAYDATUL AZHAR BIN ABDUL RAHMAN	3RD YEAR (UKM) (MECHANICAL)
37602	SOFFIA BINTI SALEH	3RD YEAR (UKM) (MECHANICAL)
37603	SOO CHOON KIAT	3RD YEAR (UKM) (MECHANICAL)
37604	TAN MOK KEAT	3RD YEAR (UKM) (MECHANICAL)



ADMISSION THE GRADE OF STUDENT

M'ship No	Name	Qualifications
37604	TAN SZE CHUING	3RD YEAR (UKM) (MECHANICAL)
37605	TAN ZAO QI	3RD YEAR (UKM) (MECHANICAL)
37606	TAY YE SWAN	3RD YEAR (UKM) (MECHANICAL)
37607	TEO KOK THYE	3RD YEAR (UKM) (MECHANICAL)
37608	THAM KAH MENG	3RD YEAR (UKM) (MECHANICAL)

ADMISSION THE GRADE OF STUDENT

M'ship No	Name	Qualifications
37609	WAN AHMAD ZAKI BIN WAN MOHAMMAD NOOR	3RD YEAR (UKM) (MECHANICAL)
37610	WAN MOHD FARIZ BIN WAN AZMAN	3RD YEAR (UKM) (MECHANICAL)
37611	WAN MOHD SHAHRIL BIN MOHAMAD NOOR	3RD YEAR (UKM) (MECHANICAL)
37612	WONG KAI CHOONG	3RD YEAR (UKM) (MECHANICAL)
37613	WONG KEE KEONG	3RD YEAR (UKM) (MECHANICAL)

READERSHIP SURVEY 2008

The Standing Committee on Information and Publications would like to thank the first 50 members as listed for their time and quick response to the readership survey which was mailed to the members together with the renewal membership form for 2009.

NAME	M'SHIP NO.	NAME	M'SHIP NO.	NAME	M'SHIP NO.
A. Bakar bin Jaafar	F13527	Kwan Yong Khang	G25161	Phuah Phei Guan	G32629
Abdul Halem bin Mohd. Kari	G12466	Lee Chau Siang	G33857	Prem Rakesh a/l Subramaniam	G22053
Ahmad Razmi bin Abd. Shaffar	M09937	Lee Kok Hong	G18729	Rajakobu Muniandy	M20303
Azizah binti Ismail	S23330	Leong Mun Yean	M12626	Rajakumar A. Gopal	M17417
Azmer bin Shamsuddin	M29067	Lim Chee Soon	M12133	Rosidisyam bin Samsudin	M36363
Bashir Ahamed bin Maideen	M10681	Lim Choon Lin	M05788	Segaran a/l A. Narayanan	M14433
Chan Vui Tze	G22636	Lim Chung Pet	M18931	Suhaimi bin Abd. Aziz	M20901
Chong Chee Yoong	G05603	Mat Saad bin Shafie	M14712	Teoh Yit Hoe	G24400
Chong Yar Ming	G23899	Mohd. Fauzie bin Abd. Rahim	G22162	Tham Kim Swee	M14468
Choo Boon Lim	M01628	Mohd. Rayme bin Anang Masuri	M24442	Visvan a/l Navaratnam	G22709
Foo Mieng Yong	G04557	Mohd. Zaki bin Mohd. Yusuff	M03190	Wong Chee Keat	G31732
Goh Gin Han	M00945	Ng Keh Soon	M18589	Wong Fook Chee	M02373
Hamidan bin Mat Wajib	S16942	Ng Pak Soon	M14701	Wong Huan Yong	M12895
Hor Yuen Kwan	M17680	Nik Hishamuddin bin Mohamed	M28251	Yam Seng Lam	M06175
Khairiri Anuar bin Baharin	M11013	Nor Azam bin Md. Saad	M17049	Zainuddin bin Mohamed	M30804
Khairur Rijal bin Jamaludin	G15408	Pang Kia Kim	M22014		
Kok Bee Chuan	M09916	Peh Guan Choon	G22520		

CALL FOR NOMINATIONS

IEM Outstanding Engineering Achievement Award 2010

The IEM Outstanding Engineering Achievement Award is created to confer recognition to an organisation or body for outstanding engineering achievements within Malaysia. The award will be given to an organisation or body responsible for an outstanding engineering project in the country.

The basis for the award shall be an engineering achievement that demonstrates outstanding engineering skills which has made a significant contribution to the profession and to the quality of life in Malaysia. In making the selection, the following criteria will be given special consideration:

- 1) Contribution to the well-being of people and communities,
- 2) Resourcefulness in planning,
- 3) Creativity in the solution of design problems,
- 4) Pioneering use of materials and methods,
- 5) Innovations in planning, design and construction,
- 6) Unusual aspects and aesthetic values.

Engineering achievements which include, inter alia, the following can be submitted for consideration:

- Bridges, Tunnels, Waterways Structures, Roads.
- Telecommunications of national/ international character, Power Transmission and Transportation.
- Dams and Power Stations.
- Ports and Harbours.
- Building and Structures.
- Airports.
- Water Supply, Waste Disposal Projects.
- Military projects, such as bases, launching units, harbour facilities.
- Drainage, Irrigation and Flood Control Projects.
- Local design and manufacture of high technology products.
- Energy, Heat, Mass Transfer.
- Outstanding work in engineering research and development.
- Chemical processing of indigenous raw resources such as rubber, palm oil and various other local plants.
- Innovative use of local engineering materials.
- Outstanding contribution in engineering education.

- Original discovery of useful engineering theory.

Nominations are invited from all members of the Institution. Each nomination submitted should contain a brief summary/write-up of the project in approximately 1,000 to 2,000 words together with full relevant reports on the project and three copies of supporting documentation including photographs. A project or component part thereof which has received an earlier award, either from IEM or other institutions does not qualify for nomination.

The closing date for receipt of nominations for the 2010 Award is 30 September 2009. Please submit nomination to:

**Hon. Secretary,
The Institution of Engineers, Malaysia,
Bangunan Ingenieur, Lots 60/62,
Jalan 52/4, P.O. BOX 223, (Jalan Sultan),
46720 Petaling Jaya, Selangor**

IEM Award for Contribution to the Engineering Profession in Malaysia 2010

To encourage an interest in engineering and to recognise important contributions to engineering in Malaysia, the IEM Award for Contribution to the Engineering Profession in Malaysia is to be presented to the person(s), who has

- contributed to the advancement of engineering in Malaysia, and/or
- designed and/or constructed an original engineering device or system of merit and applicability to the industry

The award is open to all Malaysian citizens and permanent residents.

NOMINATIONS

- Nominations will be invited annually. The closing date for the receipt of nominations for award for year 2010 is **30 September 2009**.
- Nominations shall be made through a member of the Institution. Each member is restricted to one nomination per year.
- Each nomination shall be accompanied by a brief write-up of the contributions made or system designed and/or constructed together with relevant photographs and other documents for publicity purposes.

AWARD

- Award is to be made by the Council upon recommendation by the IEM Awards Committee
- The Award shall comprise an appropriate metal plaque, a scroll and a sum of RM1,000 and shall be presented with due ceremony.

Please submit nominations to:

**Hon. Secretary,
The Institution of Engineers, Malaysia,
Bangunan Ingenieur, Lots 60/62,
Jalan 52/4, P.O. BOX 223, (Jalan Sultan),
46720 Petaling Jaya, Selangor**





LATEST UPDATE!

CONTRIBUTION TO IEM BUILDING FUND

RM649,445.00 from IEM Members

RM340,502.00 from Private Organisations

TOTAL RM989,947.00

(ANOTHER RM11,160,053.00 IS NEEDED)

IEM wishes to take this opportunity to thank all members who have contributed and would like to appeal for support from members who have not yet contributed

**HELP US TO PROVIDE BETTER SERVICES TO YOU
AND TO THE FUTURE GENERATION**

DONATION LIST TO THE NEW IEM BUILDING FUND

16th
Announcement

The Institution would like to thank all contributors for donating towards the new IEM Building Fund. Members and readers who wish to donate can do so by downloading the form from IEM website at <http://www.iem.org.my> or contact the IEM Secretariat at +603-79684001/2 for more information. The list of the contributors as at May 2009 are shown as below.

NO.	MEMBERSHIP NO.	DETAILS	NO.	MEMBERSHIP NO.	DETAILS	NO.	MEMBERSHIP NO.	DETAILS
1	M19186	ADRIAN NORBERT LEE	33	M07379	GHAZALI BIN HUSSIN	67	S02333	NG CHOI HIAN
2	M14757	AHMAD DAMIRI BIN HAJI MD. NOOR	34	M17391	GOH KHENG HAU	68	M05750	NG KIN SENG
3	M24769	AHMAD RASDAN BIN ISMAIL	35	M09502	HENG HOCK LAI	69	M17883	NG YING LOONG
4	M11544	AHMAD ZAMHURI BIN MOHD. NOOR	36	F02987	JAILANI BIN ABDULLAH	70	M13528	NOOR SAMSUDIN BIN KANDAR
5	M00771	ARTHUR PONNIAH GURUBATHAM	37	M14977	JEYENDRAN A/L NAVARATNAM	71	M15593	NOR SHAKIMAN BIN MUHAMMAD
6	M15882	AU CHEE MOON	38	G16393	KEITH KONG CHUNG IK	72	G13245	NORDIN BIN OMAR
7	M11371	AZHAN EFFENDY BIN ARIFFIN	39	M23258	KEVIN SURESH PACHYMUTHU	73	M10347	NORHAMIDI BIN MD. DIN
8	M29054	AZHARUDIN BIN MUKHTARUDDIN	40	G28539	KHAIRUL ANWAR BIN MOHAMAD	74	M02966	ONG HOCK GUAN
9	M27134	AZLI SHAH BIN ALI BASHAH	41	M05636	KHALILUR RAHMAN BIN IBRAHIM	75	M12225	ONG KIM TOO
10	G12871	BON PELUM A/L DIN KAM NENG	42	M16659	KHAZALI BIN HAMID	76	G13492	OOI HOO KOOI
11	M20510	CHAN SOO HOW	43	M12933	KHOO TIN SONG, FRANCIS	77	M10024	PAY GEET KOM
12	F05251	CHANG CHENG WAH	44	M04920	KHOR KENG SAW	78	M36332	PHANG CHU MAU
13	M07183	CHEAH HONG CHONG	45	M01027	KOH HAN KHAI	79	G28364	RADIN ANAK NYAMBANG
14	M02346	CHEOK BOR KOH	46	F01307	KOK AH FOONG, PETER	80	M26970	RAMLEE BIN KATCHI MYDIN
15	M01654	CHEW AH LEH	47	G20725	KOVIND A/L JAGANATHAN	81	G07463	S. VEERAKUMAR A/L S.
16	F15794	CHEW KIN PING, LAWRENCE	48	M15876	LAINUS ANAK LICHOK			SUBRAMANIAM
17	M02207	CHEW TUCK PENG	49	M07919	LEE CHOK BENG	82	M16897	SIM TIAN LIANG
18	G36878	CHIA CHE HIENG	50	G20091	LEE TIAN SIN	83	M26509	SOONG SIN ONN
19	M04855	CHU TET LIN, JOSEPH	51	F03875	LEE WING DAK	84	G34847	SYED AHMAD ADAM BIN SYED
20	M01109	COL. (R) DATO' CHENG WAH	52	M12608	LENG BOON HOCK			ANUAR
21	F03455	DATO' ABDULLAH SANI BIN	53	G27611	LIEW TURK MING, RYAN	85	G03362	SYED FAREED BIN SYED OMAR
		ABDUL KARIM	54	M07013	LIM CHING SOON	86	F15070	TAN AH BEE
22	M01083	DATUK MICHAEL TING KUOK NGIE	55		LOI KIM SHUNG	87	M01167	TAN CHIN GEE
23	F06772	DATUK WIRA IR. ISMAIL BIN SAMION	56	M17233	MA KIAN MING	88	M14199	TAN KHENG CHIONG
24	F02400	DEVARAJA MURUGAPPA	57	G28049	MAK CHIN ONN	89	M15223	TAN KIM THIN
25	G25255	DONYSIUS JINIH	58	M13027	MO CHEE LIM	90	F01694	TAN YIN BENG
26	G17175	DR AHMAD FARHAN BIN MOHD	59	G06821	MOH UNG JIONG @ MO UNG JIONG	91	M24521	TZE CHUAN CHEE, FRANCIS
		SADULLAH	60	S33241	MOHD HELMI BIN ISMAIL	92	G05408	WONG GOON WENG
27	F03950	DR CHIN NYOK KIEN	61	M22744	MOHD. SHAMSUL BAHRAIN BIN	93	G15073	YAHYA BIN AHMAD
		DR MOHAMAD RAZIP BIN SELAMAT			HUSSAIN	94	M20526	YEAP SWEE HOCK
28	M19968	DR ONG KOK HOO	62	G19646	MOHD. YAZMIL BIN MD YATIM	95	M04531	YEO SZE LOONG, AARON
29	M03593	DR TAM CHAT TIM	63	M07600	MOHD. YUSRI MOHAMED YUSOF	96	M05693	YONG YEW WEI
30	F00494	FARIS TARLOCHAN @ RAMESHJIT	64	M08724	MUHAMAD SUBIAN BIN SUKAIMY	97	F32623	YU YONG TEONG
		SINGH	65	M35571	MUHAMMAD BIN YUSOF	98	G17330	ZAFENDI BIN MOHD. ISA
32	M06580	FAUZI BIN ABDULLAH	66	M10876	MUHAMMAD KHAIR BIN BUJANG	99	M17330	ZAHIDY BIN ABD. HAMID

RECOGNITION/BENEFITS LIST FOR DONATIONS OR LOAN TO IEM BUILDING FUND

1. LOAN

Members may give out loans to IEM in the following denominations:

Loan Amount	Entitlement
(i) RM1,000 – RM2,000	Talk voucher worth RM100. Discount vouchers worth RM50. Valid for five (5) years.
(ii) RM2,001 – RM5,000	Talk voucher worth RM200. Discount vouchers worth RM100. Valid for five (5) years
(iii) Above RM5,000	Talk voucher worth RM200. Discount vouchers worth RM200 to attend IEM courses/seminars.

From year 6 onwards, IEM can begin to repay members' loan and withdraw the privileges accorded but maintain the recognition awarded.

2. DONATIONS FROM MEMBERS

Donation Amount	Recognition
(i) RM1,000 – RM2,000	Talk voucher worth RM100. Discount vouchers worth RM50. Valid for five (5) years. 12pt sized. Engraving on the Donation Board.
(ii) RM2,001 – RM5,000	Talk voucher worth RM100 and Discount vouchers worth RM100 to attend IEM courses seminars. Valid for five (5) years. 14pt sized Engraving on the Donation Board.
(iii) RM5,001 – RM10,000	Talk voucher worth RM200 and Discount vouchers worth RM200 to attend IEM courses/seminars. Valid for five (5) years. 16pt sized Engraving on the Donation Board. Naming of one Division of Secretariat office.
(iv) RM10,001 – RM20,000	Talk voucher worth RM200 and Discount vouchers worth RM200 to attend IEM courses/seminars. Valid for five (5) years. 18pt sized Engraving on the Donation Board. Naming of small Meeting room.
(v) RM20,001 – RM50,000	Talk voucher worth RM200 and Discount vouchers worth RM200 to attend IEM courses/seminars. Valid for five (5) years. 18pt sized Engraving on the Donation Board. Naming of medium sized Meeting room.
(vi) RM50,001 – RM100,000	Talk voucher worth RM200 and Discount vouchers worth RM200 to attend IEM courses/seminars. Valid for five (5) years. 18pt sized Engraving on the Donation Board. Naming of large sized Meeting room.
(vii) RM100,001 – RM150,000	Talk voucher worth RM200 and Discount vouchers worth RM200 to attend IEM courses/seminars. Valid for five (5) years. 18pt sized Engraving on the Donation Board. Naming of Resource Centre/Library.
(viii) RM150,001 – RM200,000	Talk voucher worth RM200 and Discount vouchers worth RM200 to attend IEM courses/seminars. Valid for five (5) years. 18pt sized Engraving on the Donation Board. Naming of Conference Room.
(ix) RM200,001 – RM300,000	Talk voucher worth RM200 and Discount vouchers worth RM200 to attend IEM courses/seminars. Valid for five (5) years. 18pt sized Engraving on the Donation Board. Naming of Auditorium 1.
(x) RM300,001 – RM500,000	Talk voucher worth RM200 and Discount vouchers worth RM200 to attend IEM courses/seminars. Valid for five (5) years. 18pt sized Engraving on the Donation Board. Naming of Auditorium 2.

(IEM is still looking into applying for Tax Exemption status for the IEM Building Fund)

DONATION/LOAN REPLY FORM

Chairman
IEM Fund Raising Committee (Building Fund)
The Institution of Engineers, Malaysia, P.O. Box 223, (Jalan Sultan), 46720 Petaling Jaya, Selangor Darul Ehsan

Date: _____/_____/2009

Dear Sir,

IEM BUILDING FUND

LOAN DONATION (Please indicate ✓ where applicable)

Enclosed herewith a Cheque/Bank Draft/Money Order/Postal Order* No.....
for RM..... for the abovementioned made payable to '**IEM Building Fund**' Account.

Please charge to my credit card the amount of RM for the abovementioned.

Card: Visa MasterCard Expiry Date:

M	M	/	Y	Y
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Card Number:

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Name: _____

Address: _____

Contact No.: _____

Email: _____

Signature

IEM Sarawak Toastmasters Meetings

If you are in Kuching, Sarawak, you are welcome to join the IEM Sarawak Toastmasters at their twice monthly meetings. The meeting will be on the second and fourth Thursday of the month at 7.30 p.m. at the Ultimate Professional Centre. Visit <http://www.iemsarawaktoastmasters.blogspot.com/> for the latest announcements.



IEM DIARY OF EVENTS



For further enquiries on the events below, please visit IEM Homepage at <http://www.iem.org.my> or contact IEM Secretariat for further information and forms.

Civil and Structural Engineering Technical Division

25 JULY 2009

Talk on "Recent Developments in Earthquake Design Issues in Malaysia and Spirit of Volunteerism in Addressing Such Issues"

Venue: IEM Auditorium, 3rd Floor, Wisma IEM, PJ

Time: 9.00 a.m. to 10.30 a.m.

Speaker: Engr. Assoc. Prof. Dr Jeffrey Chiang Choong Lwin

25 JULY 2009

23rd AGM

Venue: IEM Auditorium, 3rd Floor, Wisma IEM, PJ

Time: 11.00 a.m. to 1.00 p.m.

Professional Interview Board

25 JULY 2009

Professional Interview Workshop

Venue: C&S Lecture Room, 2nd Floor, Wisma IEM, PJ

Time: 9.30 a.m. to 12.00 noon

Speakers: Engr. Ishak Abdul Rahman

Engr. Dr Muhamad Fuad Abdullah

Engr. S. Kukanesan

Engr. Juares Rizal Abdul Hamid

Fees: IEM Members - RM10

Non Member - RM50

Environmental Engineering Technical Division

1 AUGUST 2009

Half Day Seminar on EIA

Venue: IEM Auditorium, Wisma IEM, PJ

Time: 8.30 a.m. to 1.00 p.m.

Fees: IEM Student and Graduate Members - RM 78

IEM Corporate Members - RM 98.00

Non-Members - RM 150

Engineering Education Technical Division

4 AUGUST 2009

Talk on Urban Engineering of Korean Experience

Venue: C&S Lecture Room, 2nd Floor, Wisma IEM, PJ

Time: 5.30 p.m. to 7.30 p.m.

Speaker: Prof. Heekyung Park, KAIST

8 AUGUST 2009

Talk on What are the Criteria to Get Full Accreditation for Engineering Programme

Venue: C&S Lecture Room, 2nd Floor, Wisma IEM, PJ

Time: 9.00 a.m. to 11.00 a.m.

Speaker: Ir. Assoc. Prof. Megat Johari bin

Megat Mohd. Noor

8 AUGUST 2009

13th AGM

Venue: C&S Lecture Room, 2nd Floor, Wisma IEM, PJ

Time: 11.00 a.m. to 1.00 p.m.

Highway and Transport Management

12 AUGUST 2009

Technical Visit to Transport Management Centre (TMC)

Venue: Technology Park Malaysia

Time: 9.00 a.m. to 1.00 p.m.

MAJOR EVENTS

22 JULY 2009

Kelab Golf Perkhidmatan Awam (KGPA)

Venue: Bukit Kiara, Kuala Lumpur

Time: 7.00 a.m.

Fees: RM220 Per Golfer

(Invitation to register)

1 AUGUST 2009,

8 AUGUST 2009 AND 15 AUGUST 2009

IEM/PAM/MIArb Arbitration Award Writing Course

Venue: IEM Auditorium, 3rd Floor,

Wisma IEM, PJ

E-mail: nora@iem.org.my

Fees: IEM/PAM/MIArb Members - RM700

Non Member - RM1000

(Invitation to register)

30 NOVEMBER - 2 DECEMBER 2009

27TH CAFEO: ENGINEERING FOR SUSTAINABLE

ENVIRONMENT (Call for papers)

Venue: Suntec City Convention Centre, Singapore

Tel: +603 7968 4001/2

Fax: +603 7957 7678

Fees: USD100.00

E-mail: sec@iem.org.my

(Invitation to register)

1 - 3 MARCH 2011

INTERNATIONAL CONFERENCE AND EXHIBITION

ON TUNELLING AND TRENCHLESS TECHNOLOGY

Venue: Sheraton Subang Hotel and Towers

Tel: +603 7968 4001/2

Fax: 603 7957 7678

E-mail: Tunnel2011@iem.org.my

Website: www.iem.org.my

(Invitation to register)

IEM Training Centre Sdn Bhd

3 - 4 AUGUST 2009

Course on Fundamental Project Management

Venue: 2nd Floor, Function Floor,

Wisma IEM, PJ

Tel: +603 7958 6851

Fax: +603 7958 2851

Email: iemtc@iemtc.com

Website: www.iemtc.com

Fees: IEM Members - RM600

Non Member - RM700

(Invitation to register)

10 - 11 AUGUST 2009

Course on The Use of Eurocodes for the Design of

Concrete Bridges

Venue: 2nd Floor, Function Floor,

Wisma IEM, PJ

Tel: +603 7958 6851

Fax: +603 7958 2851

Email: iemtc@iemtc.com

Website: www.iemtc.com

Fees: IEM Members - RM600

Non Member - RM700

(Invitation to register)

CONFERENCES & SEMINARS



MALAYSIA

4-5 OGOS 2009

INDUSTRIAL PROCESS MEASUREMENT,

CONTROL VALVE AND SAFETY DEVICES

Venue: Faculty of Chemical Engineering, UiTM,

Shah Alam, Malaysia

Fax: +603 5543 6300

Email: aabi@salam.uitm.edu.my

Website: <http://aabi.tripod.com/workshops>

(Invitation to register)

8 OCTOBER 2009 AND 19 NOV 2009

PREVIEW:FIDIC CONSTRUCTION CONTRACT -

A CLAUSE BY CLAUSE GUIDE

Venue: Kuala Lumpur

Tel: +603 2287 5175 (Ms. Sheila K)

Fax: +603 2287 5176

Website: www.charltonmartin.com

(Invitation to register)

3 - 5 NOVEMBER 2009

2ND CONSTRUCTION INDUSTRY RESEARCH

ACHIEVEMENT INTERNATIONAL CONFERENCE

(CIRAIC 2009)

Venue: CIDB Convention Centre, Jln Cheras, KL

Tel: +6013 341 4908 (En. Mohd. Khairalden)/

+6012 628 9116 (Puan Maria Zura)/

+6012 346 5824 (Cik Intan Juliana)

Email: khairalden@cidb.gov.my/

maria@cidb.gov.my/intan@cidb.gov.my

(1st announcement and Invitation to register)

17 NOVEMBER 2009

NATIONAL PV CONFERENCE AND EXHIBITION 2009

Venue: Putrajaya Marriott Hotel, Putrajaya, Malaysia

Organiser: Malaysia Building Integrated Photovoltaic

Project (MBIPV), Malaysia Energy Centre (PTM)

Tel: +603 8921 0866

Fax: +603 8921 0911

E-mail: weinee@mbipv.net.my

Website: <http://www.mbipv.net.my/NPVC2009.html>

(Invitation to register)

19-20 DECEMBER 2009

7TH INTERNATIONAL CONFERENCE ON ROBOTICS,

VISION, SIGNAL PROCESSING AND POWER

APPLICATIONS (RoVISP'09)

Venue: Langkawi, Kedah

Tel: +604 5996011/61

Fax: +604 5941023

E-mail: rovisp09@rovisp.org.

Website: www.rovisp.org

(Call for Papers and Invitation to Register)

SINGAPORE

9-11 DECEMBER 2009

INTERNATIONAL SYMPOSIUM ON GROUND

IMPROVEMENT TECHNOLOGIES AND

CASE HISTORIES (ISG109)

Venue: Professional Activities Centre,

NUS Faculty of Engineering, Blk EA,

#05-34 Singapore 117576

Tel: +(65) 6516 5113

Fax: +(65) 6874 5097

E-mail: ISG109@nus.edu.sg

(Invitation to register)

NEWS FROM STANDING COMMITTEE ON WELFARE AND SERVICE MATTERS

Job Vacancy Advertisement at IEM's Website and Notice Board

Please be informed that IEM provides job vacancy advertisement through the IEM Website and Notice Board to its members and non-members who are looking for engineers on a full time/contract or on part-time basis to fill job vacancies in their respective companies. The 'Job Vacancy Advertisement Form' and 'Its Terms and Conditions' are available at the IEM website, www.iem.org.my or you may contact En. Ahmad Tarmizi, the IEM Secretariat at 03-7968 4019 for more details.

Job seekers can search for their desired employment in the IEM Website under 'Job Gallery' section for the latest job vacancy advertisements.

Thank you and best regards,

Chairman
Standing Committee on Welfare and Service Matters
The Institution of Engineers, Malaysia

**IEM TRAINING CENTRE SDN BHD** (127273-K)

(Wholly owned subsidiary of The Institution of Engineers, Malaysia)

No 33-1A (1st Floor), Jalan 52/18, P.O. Box 224 (Jalan Sultan P.O.), 46720 Petaling Jaya, Selangor Darul Ehsan. Tel: 603 7958 6851 Fax: 603 7958 2851
Email: iemtcsg@gmail.com Website: <http://www.iemtc.com>

MESSAGE FROM IEM TRAINING CENTRE – INSURANCE AGENCY

Dear Members,

IEM Training Centre has put in place a plan to establish itself as a one-stop centre for your insurance needs and we look forward to your support to realise this plan. The response to our motor insurance started off poorly, however, there is an upward trend in the number of members supporting us, the most likely reason being their policy has yet to expire.

For more details relating to the following products, you can view them via the IEM Website>Training Centre and Insurance

FIRE INSURANCE OFFICE PACKS

This is a very special package policy especially for Consulting Engineers because it comprise seven classes of insurance under a single policy at a very competitive premium. This package policy covers many unlikely events if anything unfortunate happens in your office. Take the following as an example and check your existing policy for the coverage and premium.

Description of coverage	Amount Insured	Premium (RM)
Fire on building, renovation, contents (excl. office equipment)	RM500,000	420.00
Burglary	RM75,000	-
Money in Premises, Transit	RM7,500 for each	-
Plate Glass	RM7,500	-
Fidelity Guarantee	RM10,000	-
Office Equipment All Risk incl. laptops, notebooks	RM75,000	-
Public Liability	RM500,000	-
All the Classes of Insurance	-	RM450.00
TOTAL PREMIUM PAYABLE:	-	RM870.00

(Note: Additional perils, higher sum insured, etc, are possible with additional premium via endorsement subject to insurer's acceptance.)

MOTOR INSURANCE

Our motor insurance provides minor roadside repair and free tolling to the workshop of your choice, if your existing policy does not have the facilities, you may want to switch over to IEM. You never know when your car will breakdown on you and it is not a nice feeling when you have nobody to call upon to assist. Do not take such a risk, insist on a motor policy that provides you with minor roadside repair and free tolling.

PERSONAL ACCIDENT INSURANCE

There are a number of plans to select which matches your budget. If you wish to purchase on a Group Basis, you can always contact our Insurance Office at the Training Centre.

OVERSEAS TRAVEL PERSONAL ACCIDENT

Apart from personal accidents while travelling overseas, one of the main concerns is the medical expense. Medical expenses can be very expensive especially for foreigners. One of the key features of this product, which is not commonly available, is the SOS service. The SOS service will be provided if, in the event that you are in a remote area and fallen ill, and there are no medical facilities available to treat your particular illness, you can contact SOS and be transferred to the nearest medical centre with such facilities. This is a very important coverage if you visit remote historical sites.

PROFESSIONAL INDEMNITY INSURANCE (PII)

If you already have a PII, you may wish to call IEM Training Centre so that you can get a comparative quotation. If you need more explanation you can also contact IEM Training Centre. A presentation can be arranged without any obligations, but we remain hopeful that you would support IEM Training Centre.

Visit the IEM website and select the Training Centre and Insurance tab to get all the details. Please provide us with feedback so that we can serve you better.

IEM GOLF TOURNAMENT 2009

Venue : Kelab Golf Perkhidmatan Awam (KGPA) Bukit Kiara, Kuala Lumpur
Date and Time : 7.00 a.m. on 22 July 2009 (Wednesday)
Participation Fee : RM220.00 per golfer (inclusive of green fees, twin sharing buggy, caddy, breakfast and lunch)

Hole-In-One Prizes (3 Prizes)

Sponsored by Nehemiah Reinforced Soil Sdn Bhd
 Cost effective proven technology on retaining walls integrity.



		<p>Toyota Camry worth RM150,000</p>
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Sponsored by Pyrogen Manufacturing Sdn Bhd
 An aerosol fire extinguishing system which puts out fire at the seed of the fire, a distinct advantage.

		<p>Perodua Myvi worth RM50,000</p>
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Sponsored by Giftmate Sdn Bhd – 24K gold layered miniature model of Petronas Twin Tower worth RM1,988
 Gold layered art of various designs, suitable as a corporate gift. Visit www.goldart.com.my.

NEWS FROM STANDING COMMITTEE ON WELFARE AND SERVICE MATTERS

Disaster Relief Funds for Myanmar and Sichuan, China

The Institution would like to update its members on the following:

- The Institution collected RM19,867.00 for the victims of Myanmar’s Cyclone ‘Nargis’ and RM30,020.00 for the victims of Sichuan, China’s earthquake. The donation drive ended on 30 June 2008;
- The Institution had donated US\$6,000 in cash to the victims of Myanmar’s Cyclone ‘Nargis’ through the Myanmar Engineering Society (MES) during the AFEO Governing Board Mid-Term meeting in Myanmar on 4–5 June 2009;
- For the victims of the Sichuan earthquake in China, the Institution had donated US\$9,000 and the cheque had been presented to the representative of the Embassy of the People’s Republic of China in Malaysia during the IEM Family Day 2009 on 16 May 2009;

The Institution is extremely grateful for the generous contribution to the IEM Disaster Relief Fund and sincerely thank all members who had responded positively to our appeal.

Thank you.

Best Regards,

Hon. Secretary
 The Institution of Engineers, Malaysia

Talk on 'Setting Up Of Asset Integrity Management System for Offshore Oil and Gas Platform'

by **Engr. Fathullah Razzaq bin Ghazali**, MIEM, P. Eng

1. OVERVIEW

Despite weakened fuel prices the oil and gas industry has seen regulators forcing environmental issues to the centre-stage, yet conventional safety and reliability issues remain unabated. Under those aforesaid pressures, one of the biggest business challenges is to ensure that the integrity of the physical assets (either upstream, midstream or downstream), which include offshore structures and processes, equipment (e.g. valves and pressure vessels), pipelines and process system, ships and on-shore plants are managed appropriately throughout the anticipated service life.

In relation to the above, the Oil, Gas and Mining Technical Division (OGMTD), IEM organised a talk on 29 November 2008 at the IEM Conference Hall, which was delivered by Mr. Praba Karunakaran of IICORR Asia. A total of 70 people attended the talk.

The talk briefly covered the steps, methods and project management employed in setting up an inspection management system for a typical offshore facility. The topics touched on included the specification and design of a corrosion monitoring system, baseline inspection of pressure systems and

structures, organisation of data and documentation for continued operations, and the setting up of a computerised inspection management system (CIMS).

A case study, which was briefly discussed, aimed to demonstrate the application of the proactive Asset Integrity Management (AIM) system in Talisman Malaysia Limited's Northern Field asset. The asset included the Central Processing Offshore Platform (CPP) and three wellhead platforms.

2. ASSET INTEGRITY MANAGEMENT

i) Introduction

Asset integrity is the ability of an asset to perform its required function effectively and efficiently whilst safeguarding life and the environment. The related management activities ensure that the people, systems, processes and resources which deliver integrity are in place, in use and fit their purpose over the whole lifecycle of the asset.

AIM aims to meet adequately the delivery of business requirements via maximising the return on assets whilst maintaining stakeholder value and minimising business risks associated with accidents and loss of production.

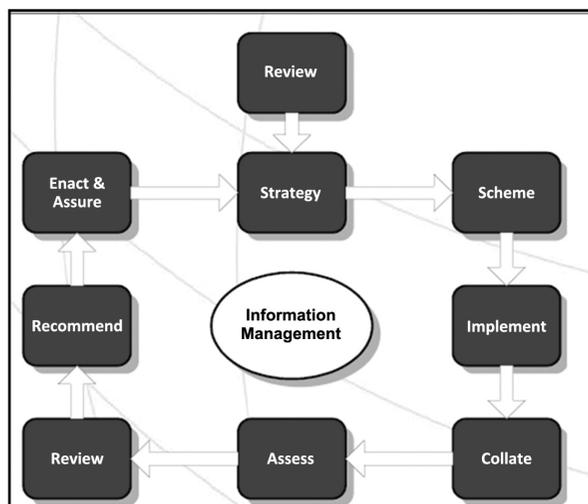


Figure 1

The implementation of the AIM system can be construed to be similar to the Plan-Do-Check-Act (PDCA) cycle.

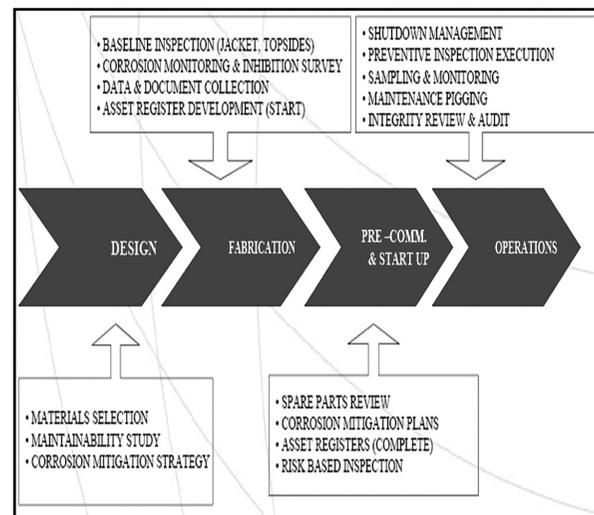


Figure 2

Timely implementation of AIM is critical and commences ideally from the design stage up to the operation stage of the asset.

ii) Brief description of process and methodology

The methodology and process of the AIM system can be summarised as follows:

- How it is implemented? (Figure 1);
- When it is implemented? (Figure 2); and
- What are its requirements? (Figure 3)

3. KEY OBSERVATIONS

The effectiveness and efficiency of an asset integrity management system can be appropriately achieved via the correct methodology, timing of implementation, and establishing as well as meeting the system's requirements. In the case of Talisman Malaysia Northern Fields, the relevant asset was subjected not only to baseline inspections before it was brought online, but also when it was integrated off-site.

The commitment of an enterprise as well as human resources is of paramount importance in the successful delivery and maintenance of an AIM system. In various places, the performance of such systems was affected substantially because the successful delivery and maintenance were championed by only specific working groups, with inferior follow-up by the top management. ■

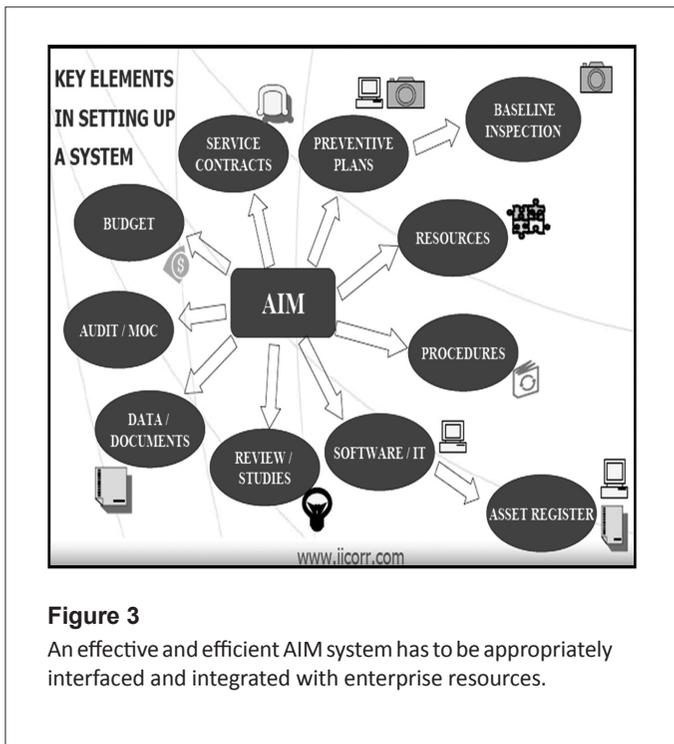


Figure 3

An effective and efficient AIM system has to be appropriately interfaced and integrated with enterprise resources.

Talk on Self Consolidating High Performance Concrete Incorporating Rice Husk Ash

by **Engr. Hooi Wing Chuen**, *MIEM, P. Eng.*

THE above evening talk organised by the Civil and Structural Engineering Technical Division was held at Bangunan Ingenieur on 6 March 2009. About 73 participants attended this talk. The speaker, Dr Md Safiuddin, is currently a Senior Lecturer in Civil Engineering at University Malaya.

Dr Md. Safiuddin began by introducing and defining Self Consolidating High Performance Concrete (SCHPC) in terms of the key principles and performance parameters of flowability, self consolidating ability and segregation resistance. He also shared some insight into the history behind the development of Self Consolidating Concrete (SCC) in Japan, as well as the main applications and advantages of this type of concrete.

Participants were informed of the key additives that were necessary to achieve SCC behaviour and how each additive affects the performance of the SCC, including the role of Supplementary Cementing Materials (SCMs) such as Rice Husk Ash (RHA) in SCHPC. Dr Md Safiuddin then

explained the properties of RHA and the benefits of the material as a SCM for SCHPC before elaborating his research and experimental investigations on the use of RHA in SCHPC.

In his research, Dr Md. Safiuddin had attempted to establish a model for the prediction of slump flow and compressive strength properties of SCHPC in order to facilitate more accurate mixture designs of SCHPC. The key findings of his research were; while the addition of RHA increased the strength properties of the hardened concrete due to pozzolanic reaction, it decreased the flowability of the wet concrete.

However, Dr Md Safiuddin was able to use his numerical model to adjust the mixture design and predicted the slump flow within the range of 550 to 850 mm (Note: In the slump flow test, the diameter of the sample is measured) and the compressive strength of the SCHPC is within the range of 50 to 110 MPa. ■



Launch of IEM Engineering Week 2009

by *Engr. Dr Marlinda binti Abd. Malek, MIEEM, P. Eng.*

THE launch of The Institution of Engineers, Malaysia (IEM) Engineering Week (EW09) at Universiti Teknologi Malaysia (UTM), Skudai, Johor, on 20 April 2009 was indeed a success. Co-organised by UTM and the IEM Southern Branch, the memorable event was officiated by Y.B. Dato' Saifuddin bin Abdullah, Deputy Minister of Higher Education, Malaysia.

In conjunction with IEM's 50th Anniversary this year, IEM-EW09 was held from 20 to 25 April 2009 nationwide, with the theme 'Prime Movers of Nation Building'. This is the 13th consecutive year that IEM has organised such an event; an event which was first established in 1996 and was known as Engineers Week.

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

The inaugural speech was delivered by Y. Bhg. Dato' Paduka Engr. Hj. Keizrul bin Abdullah, the IEM Immediate Past President. In his speech, he emphasised his gratification to the organising committee of IEM-EW09 at UTM, Skudai, Johor. He also mentioned that, in light of the current global economic situation where unemployment is on the rise, it is vital for school leavers to choose the right profession to ensure their employability when entering the labour market.

In line with the aspiration of the nation to achieve a fully industrialised status by 2020, and with engineering being one of the key drivers of economic growth, engineers are seen to be at the forefront paving the path towards achieving this goal. As the engineering profession has always been known as the engine of growth of a nation's economy, a career in engineering would be the most obvious option for any smart, ambitious and career-minded youth.

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

In his speech, Y. Bhg. Dato' congratulated IEM for its wonderful and tireless effort in organising the Engineering Week this year. He supported IEM's advocates in promoting engineering as a subject of choice for students and school-leavers upon entering university.

He mentioned that during these very trying times, the world is going through a period of recession and unemployment is on the rise. As the world weathers this economic crisis, countries like Malaysia will be in various stages of economic restructuring. In doing so, an important strategy is to be competitive through science and technology. Such an environment presents opportunities for engineers, with their specialised knowledge of technology, to play a leading role.

A dynamic engineering profession can help boost the economic engines of Malaysia and place them firmly on the path of steady economic growth once again. The challenge in the new millennium is to carry on the momentum for engineering to be an ongoing growth engine for our economy.

During the official launch, a multimedia show on IEM and IEM-EW09 activities was presented. The ceremony continued with a guided tour by the organiser on the exhibitions on engineering research activities and engineering achievements by UTM researchers followed by a press conference. Lunch was served at the end of the event.

On behalf of the organising Committee, IEM would like to extend our deepest appreciation to both the organisers; UTM and IEM Southern Branch, for providing the facilities and arrangements in the official launch of IEM-EW09. ■

Condolence

Engr. Tan Lim Hua @ Tan Hoe Tim (F00692) passed away on 1 May 2009. On behalf of the IEM Council and management, we wish to convey our deepest condolence to the bereaved family and would like to thank him for his past support and contribution to the Institution.

Tea Party Gathering: 'Let's Party'

by **Engr. Kumari Nalini a/p P. Subramaniam**, MIEM, P. Eng.

THE tea party gathering organised by the Lady Engineers Sub-Committee on 14 March 2009 aimed to foster fellowship amongst lady engineers and also to create awareness amongst the latter the existence of the committee and its role within IEM. With the theme 'Let's Party', the tea party gathering started at 10.00 a.m. with a variety of activities. It was indeed a successful event with a total attendance of 57 lady engineers.

The event began with an opening address by the Chairlady. She emphasised the role that lady engineers can play in the industry and within IEM. Her opening address took us through the functions of IEM and its role in the industry. The session continued with Engr. Kumari Nalini giving the audience a taste of the activities the lady engineers will embark on and also the fun embedded in these activities.

The morning's event was kick-started by two distinguished speakers who are currently role models in the world of leading technology and who have braved themselves against the tide of society and the expectations of an organisation coupled with family obligations. The first speaker was Y. Bhg. Datuk Engr. Rosaline Ganendra who spoke on 'Seven Secrets of Successful Women'; her message was very clear and profound; she gave ideas on how the world perceives us and how we should be reacting or not reacting, and for us to be seen and heard. It was a very inspiring and heartfelt speech.

The second speaker was Y. Bhg. Datin Engr. Prof. Dr Hamisah binti Tapsir, who was one of the previous chairpersons and served the committee for a long time. She spoke on 'Don't Sweat on the Little Things', and her talk made us realise how much energy is wasted on little things and how important it is for us to look at the big picture. Lady engineers need to be able to let go and focus on one thing at a time and live in the present.



Her anecdotes and pictorial presentation was very entertaining and full of laughter.

We also had arts and crafts created by the 'Chin Women's Organisation of Myanmar' on display. They also demonstrated how to make trinkets with beads and recycled material, and sold some of their artwork during the session. After that, it was time to cha cha. Madam Florence Chow demonstrated two different styles of cha cha. It was really tiring but full of fun. We danced individually and then with partners. It was all about listening to the beat, keeping to the rhythm, coordination of the body and, at the same time, 'ouch do not step on my toe'.

We ended the session with some light refreshments and time to mingle around, as well as a final note of thanks from our Chairlady. ■

Half-Day Seminar on Steel Fibre Reinforced Concrete and Sprayed Concrete Lining Design and Application

by **Engr. Neo Boon Kheng**, *MIEM, P. Eng.*

THE Tunnelling and Underground Space Technical Division of The Institution of Engineers, Malaysia had organised a half-day seminar on 'Steel Fibre Concrete and Sprayed Concrete Lining Design and Application' at the conference room of Bangunan Ingenieur, Petaling Jaya, on 18 October 2008. The seminar was attended by 45 participants.

The use of sprayed concrete as a support element in tunnels became popular in Europe in the early 1960s. Meanwhile, calculation methods aimed at a better representation of the ground-structure interaction were being developed.

These approaches, which aimed at making the best use of the ground's ability to support itself, assume that the primary role of the support system is to provide ground confinement immediately after excavation, thus helping the ground to stabilise itself around the opening.

Depending on the mechanical properties of the ground, and on the dimension and depth of the opening, sprayed concrete can serve one of the following purposes:

1. For lightly fractured ground of high strength in comparison to the natural stresses they are subjected to before excavation, the role will be that of a simple '**protective skin**', thus preventing physical, hydrological or chemical alteration phenomena to occur within the exposed ground.
2. For relatively less resistant ground, an additional level

of reinforcement will be required to support the ground around the opening, with this being generally achieved through a systematic bolting of the opening walls, which will result in a '**structural layer**'.

3. Finally, in some cases (for example, a shallow tunnel), sprayed concrete, more often reinforced, will be required to play a more significant supporting role, and will, in such a case, need to be designed as a true '**structure ring**'.

Each of these roles corresponds to a different mode of action. This led to the consideration of three types of sprayed concrete support systems for use in underground construction;

Type 1: Sprayed Concrete as a protective layer

Type 2: Sprayed Concrete as a structure layer

Type 3: Sprayed Concrete as a structure ring

The speaker, Mr. Gan Cheng Chian, who is the Manager of BEKAERT Building Products ASIA, share a general overview on the Design of the Steel Fibre Reinforced Concrete and some of its applications in underground tunnels.

He then fielded questions by the seminar participants. The seminar chairman, Engr. Neo Boon Kheng, presented a memento to the distinguished speaker. The seminar ended at 12.45 p.m. ■

Use of Made-in-Malaysia Rubber Engineering Products

by **Ir. Choo Kok Beng**, *FIEM, P. Eng.*

OVER the years, statistics have shown that the construction industry uses more imported rubber engineering products, such as rubber dock fenders, bridge bearing, *etc.*, compared to similar quality made-in-Malaysia products.

This unhealthy trend will result in the outflow of capital from our country. As an IEM representative in the Malaysia Rubber Export Promotion Council (MREPC) who has access to such data, I wish to remind our members in consultancy, contracting, *etc.*, who are in a position to decide on the usage of such products, to insist on using made-in-Malaysia rubber engineering products.

This will not only conserve our country's capital, but also enhance the export of such products which bring in additional foreign exchange. Products which have a good local market will be more acceptable to foreign importers.

The Malaysian Government has issued a Treasury instruction to support the use of made-in-Malaysia products which may be cited as and when required.

Surat Pekeliling Perbendaharaan Bil. 7, tahun 2002:

'Penggunaan Bahan/ Barangan/ Perkhidmatan Tempatan dalam Perolehan Kerajaan' which states: "169.2 (a) Bahan/ Barangan/ Perkhidmatan tempatan hendaklah digunakan sepenuhnya oleh agensi dalam perolehan masing-masing. Perolehan melalui import hanya akan ditimbang setelah dipastikan ianya tidak boleh diperolehi secara tempatan.

Perunding yang dilantik mengendalikan projek kerajaan yang gagal mematuhi peraturan ini juga akan disenaraihitamkan dan tidak akan dipertimbangkan dalam projek kerajaan yang lain." ■