

To All Members,

Date: 13 February 2006

**CANDIDATES APPROVED TO SIT FOR YEAR 2006 PROFESSIONAL INTERVIEW**

The following candidates have been approved to sit for the Professional Interview for 2006.

In accordance with Bylaws 3.7, the undermentioned names are published as having applied for membership of the Institution, subject to passing the year 2006 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 Hon. Secretary. Such communication should be lodged a month from the date of publication.

**Ir. MC Hee**  
Honorary Secretary, IEM

**TRANSFER APPLICANTS**

Chemical Engineering		
24407	AZRIL BIN ABDULLAH AZIZI	BE (UMIST) (CHEM, 96)
14562	MURALINDRAN A/L KOVINDASAMY	BE (HONS) (UTM) (CHEM, 93) MSc (USM) (CHEM, 99)
Civil Engineering		
22693	CHOO LAY BENG	BE (HONS) (UM) (CIVIL, 2000)
22257	LAI KIEN FONG	BE (HONS) (UTM) (CIVIL, 2000)
10435	MOHD ZAILANI BIN MOHD SHAFI	BE (HONS) (UTM) (CIVIL, 88)
13221	TAN KUANG LEONG	BE (HONS) (UTM) (CIVIL, 93) ME (NAT. UNIV. OF S'PORE) (96) PhD (NAT. UNIV. OF S'PORE) (2003)
22695	VOON CHI ZEN	BSc (MANITOBA) (CIVIL, 2001)
23948	WONG BOON TUCK	BE (HONS) (UTM) (CIVIL, 2000)
20903	WONG CHEE FUI	BE (HONS) (UPM) (CIVIL, 99) MSc (UPM) (HIGHWAY & TRANSPORT, 2001)
20527	WONG WEI YANG	BSc (HONS) (MISSISSIPPI STATE) (CIVIL, 2000)
Electrical Engineering		
24165	CHIN SUN SEK	BE (HONS) (UTM) (ELECT, 2002)
20572	LIM SENG ENG	PART II (IEM/BEM) (ELECT, 2002) BE (HONS) (UKM) (ELECT & E'TRONICS SYSTEM, 99)
17240	ROSLIM BIN CHE IBRAHIM	BE (SALFORD) (E'TRONIC & ELECT, 91)
10186 S	IVALINGAM A/L MUNIANDY	BSc (TOLEDO) (ELECT, 85)
22241	TEH CHIN LEONG	BSc (NORTH DAKOTA) (ELECT, 96)
Mechanical Engineering		
14277	LAI CHAU KHON	BE (HONS) (UTM) (MECH, 95)
16830	MD ZAID BIN YUNOS	BE (HONS) (SHEFFIELD) (MECH, 92)
22945	TAN JIN KIONG	BE (AUCKLAND, NZ) (MECH, 96)

**NEW APPLICANTS**

Civil Engineering		
	MAZNAH BINTI SAHRAN	BE (HONS) (UPM) (CIVIL, 97)
	SAPIAN BIN MORSIDI	BE (UM) (CIVIL, 88) MSc (PORTSMOUTH) (ENVIROMENTAL, 97)
	PATHMANATHAN A/L KRISHAN KUTTY RAMAN NAIR	BE (HONS) (UTM) (CIVIL, 2000)
Electrical Engineering		
	AZMIR FAIZAL BIN ABDULLAH	BE (HONS) (ADELAIDE) (ELECT & E'TRONIC, 2000)
	SHAMINI A/P NILEHMEGAM	BE (HONS) (UTM) (ELECT - TELECOMM, 2000)
	LUM SIEW CHEONG, JEFFREY	BSc (MISSOURI) (ELECT, 94)
Mechanical Engineering		
	BEN FAIZAL BIN MOHAMMED AZHAR	BE (HONS) (UTP) (MECH, 2001)
	TAN BOON KHONG	BSc (FLORIDA) (MECH, 95)

## ADMISSION / ELECTION / TRANSFER

The IEM Council, at its 350th meeting on 16 January 2006, approved the admission/election/transfer of a total of 429 members, consisting the following:

DISCIPLINES		MEMBERSHIP GRADES				
Disciplines	Fellow	Member	Graduate	Associate	Student	Total
Aeronautical			1		1	2
Aerospace						-
Agricultural					1	1
Automotive					1	1
Biochemical						-
Biomedical						-
CAD/CAM						-
Chemical		1	5	1	75	82
Civil	1	23	57		51	132
Communication						-
Computer			1			1
Computer Systems						-
Computer & Communication						-
Electrical		12	18		10	40
Electronic		1	12		23	36
Electromechanical		1				1
Energy		1				1
Environmental						-
Food & Process					16	16
Geotechnical						-
Highway						-
Industrial			2			2
Information System						-
Instrumentation & Control						-
Manufacturing						-
Materials		1	1			2
Mechanical		9	26		72	107
Mechatronic			1			1
Mineral Resources		1				1
Mining						-
Naval Architecture		1				1
Polymer						-
Petroleum			1			1
Structural		1				1
Telecommunication						-
Water Resources						-
<b>TOTAL</b>	<b>1</b>	<b>49</b>	<b>126</b>	<b>1</b>	<b>253</b>	<b>429</b>

The Members' names and qualifications are detailed below. The Institution congratulates the members on their admission/election/transfer.

**Ir. MC Hee**

*Honorary Secretary,  
The Institution of Engineers, Malaysia*

## TRANSFER TO THE GRADE OF FELLOW

Membership No	Discipline	Name	Qualifications
15794	CIVIL	CHEW KIN PING	BE (RMIT) (CIVIL,94)

## TRANSFER TO THE GRADE OF MEMBER

Name	Membership No	Qualification	Discipline
AWANG ARIFFIN BIN HJ AWANG BUJANG	16027	ADV. DIP (ITM) (CIVIL, 1994)	CIVIL
CHAN POH SENG	21976	BE (HONS) (SUNDERLAND) (CIVIL, 1998) MSc (SUNDERLAND) (ENV.MGMT, 1999)	CIVIL
ENG MENG KHUAN, FREDERICK	21135	B.APP.SC (BRITISH COLUMBIA) (CIVIL, 1999)	CIVIL
KOW KAH LOONG	19333	BE (HONS) (MALAYA) (CIVIL, 2000)	CIVIL
LEE YIK SEONG	19334	BE (HONS) (MALAYA) (CIVIL, 2000)	CIVIL
LIM JEE GIN	24239	BE (HONS) (UPM) (CIVIL, 1999) MSc (UPM) (PROJECT MANAGEMENT, 2003)	CIVIL
LOI YIAW HUI	21806	BE (ADELAIDE) (CIVIL, 2001)	CIVIL
ONG KEN KEE	10524	BSc (MICHIGAN TECHNOLOGICAL) (CIVIL, 1987)	CIVIL
OOI AI LING	24217	BE (HONS) (UTM) (CIVIL, 1998)	CIVIL
OTHMAN BIN A. KARIM	10247	BSc (TOLEDO)(CIVIL, 1986) MSc (LIVERPOOL) (1989) PhD (LIVERPOOL) (1996)	CIVIL
RUZI BINTI MOHD MIZAN	12590	BE (HONS) (UTM) (CIVIL, 1993)	CIVIL
TAN PENG LEAK	15955	BE (HONS) (USM) (CIVIL, 2000)	CIVIL
WONG HAK WAI	20895	BE (HONS) (WARWICK) (CIVIL, 1999)	CIVIL
YEO WEE HWA, ELVIN	22246	BSc (OKLAHOMA) (CIVIL, 1997)	CIVIL
ZULKEFLI BIN AHMAD	12810	BSc (HONS) (POLY. CENTRAL LONDON) (CIVIL, 1981)	CIVIL
CHUAH TEONG SIANG	21160	PART I & II (IEM/BEM)(ELECT, 2000)	ELECTRICAL
GOH CHIN HAN, JOHN	15656	BSc (MICHIGAN TECH UNI.) (ELECT, 1993)	ELECTRICAL
LAU LEE YIL, JOHN	16931	BE (HONS) (WESTERN AUSTRALIA) (ELECT, 1995)	ELECTRICAL
NEOH SENG HOCK	7119	BSc (HONS) (READING, UK) (ELECT,1981)	ELECTRICAL
WONG CHOON KENG	18768	PT. II (IEM/BEM) (ELECT, 2001) BE (HONS) (NOTTINGHAM TRENT) (ELECT & E'TRONIC, 1995)	ELECTRICAL
YONG YEEN SENG, EDMUND	17626	BE (HONS) (OXFORD BROOKES) (ELECT & E'TRONIC, 1989)	ELECTRICAL
CHOONG TECK LIONG	20566	BE (HONS) (NORTHUMBRIA AT NEWCASTLE) (ELECT & E'TRONIC, 1999)	ELECTRONIC
CHEONG KUAN YEW	18543	BE (HONS) (USM) (MATERIALS, 1997) MSc (USM) (MATERIALS, 2001)	MATERIALS
GAN CHOON HOCK	21104	BE (HONS) (MALAYA) (MECH, 1999)	MECHANICAL
LEE CHE CHUAN	14940	EC PART II (MECH, 1992)	MECHANICAL
LEE CHONG CHIANG	19299	BE (HONS) (UTM) (MECH-MARINE TECH, 1998)	MECHANICAL
LIM CHEE KIANG	13367	BE (HONS) (UTM) (MECH- MARINE TECH, 1992)	MECHANICAL
LIM THOU LAI	12684	BE (HONS) (UTM) (MECH, 1992)	MECHANICAL
SII HOW SING	13767	BE (S.AUST. INST. OF TECH) (MECH, 1990) M.ENG.SC (MALAYA) (1996)	MECHANICAL
ADRUIN SHAZAEN BIN MOHD MUSTAFFA	19586	BE(HONS) (GLASGOW) (NAVAL ARCHITECTURE & OCEAN ENG., 1998)	NAVAL ARCHITECTURE
Pass Professional Assessment (PAE)			
BOON CHUAN KOK	16788	BE (HONS) (MALAYA)(CIVIL, 1994)	CIVIL
LEONG KAH HAU	20857	BE (HONS) (QUEEN'S UNIV) (CIVIL, 1999)	CIVIL
NOOR AZMIL BIN SAKUR	15168	ADV. DIP(ITM) (CIVIL, 1994)	CIVIL
ROSLIM BIN CHE IBRAHIM	17240	BE (SALFORD (E'TRONIC & ELECT, 91)	
WAN MOHAMAD NASBI BIN WAN MOHAMAD	14788	BE (HONS) (MANCHESTER) (MECH,1995)	MECHANICAL

## MEMBERSHIP

### ELECTION TO THE GRADE OF MEMBER

Name	Membership No	Discipline
PARTHIBAN A/L SIWAYANAN	BE (HONS) (CHEM, 1994)	CHEMICAL
ASMANIAH BINTI MOHD KHAIRI	BE (HONS) (SHEFFIELD) (CIVIL, 1990)	CIVIL
DZULQANAIN BIN MD YUSOF	BE (HONS) (USM) (CIVIL, 1994)	CIVIL
CHENG KOK CHEN	BE (HONS) (SOUTHAMPTON) (ELECT, 1998)	ELECTRICAL
LEONG TECK FONG	BSC (MISSOURI) (ELECT, 1995)	ELECTRICAL
LIM SHU LIP	BE (HONS) (RMIT) (ELECT, 1992)	ELECTRICAL
MOHAMED AZIM BIN HJ YUSOFF	BSC (SYRACUSE)(ELECT, 1985)	ELECTRICAL
YONG HUA KEH	BE (HONS)(NEW SOUTH WALES) (ELECT, 1993)	ELECTRICAL
HASRUL MISRIN BIN HUSSAIN	BE (LOUGHBOROUGH) (ELECTROMECH,1995)	ELECTROMECHANICAL
VINODHAN GOPALAN	BE (HONS) (LEEDS) (ENERGY, 1999)	ENERGY
NORDIN BIN ABDUL GHANI	BE (UTM) (AERONAUTICS, 1989) ME (ENSICA, FRANCE) (AERONAUTICAL, 1999)	MECHANICAL
TIEW SOON AIK	BE (HONS) (MALAYA) (MECH, 1989)	MECHANICAL
<b>Pass Professional Assessment (PAE)</b>		
CHAN POH CHOI	BE (HONS) (BIRMINGHAM) (CIVIL, 1996)	CIVIL
SHARRUDDIN BIN LONG	BE (HONS) (UTM) (CIVIL, 1999)	CIVIL
TAN KOK LEONG	BE (HONS) (UTM) (CIVIL, 1992)	CIVIL
CHEAH CHIN MING	BE (HONS) (UTM) (ELECT, 1997)	ELECTRICAL
CHONG CHOOI KONG @ CHONG KEE	BSc (TAIWAN COLLEGE & OCEANIC TECH) (ENG, 1978) MSc (WALES) (C&S, 1980)	STRUCTURAL

### TRANSFER TO THE GRADE OF GRADUATE

Membership No	Discipline	Name	Qualifications
22547	CIVIL	ABDUL HAFIZ BIN MOHAMMAD	BE (HONS) (UPM) (CIVIL,02)
21834	CIVIL	BEK PAN CHIN	BE (HONS) (UTM) (CIVIL,03)
17284	CIVIL	CHIA LAN KWEE	BE (HONS) (UTM) (CIVIL,00)
18395	CIVIL	KRISHNAKUMAR A/L PARAMANANDAN	BE (HONS) (UM) (CIVIL,02)
21252	CIVIL	NG CHEE KEONG	BE (HONS) (UTM) (CIVIL,03)
22049	CIVIL	NG CHIN HUI	BE (HONS) (KUiTTHO) (CIVIL,02)
20797	CIVIL	OOI CHEH NGIN	BE (HONS) (UPM) (CIVIL,04)
17847	CIVIL	SITI ZAHARAH BT ISHAK	BE (HONS) (UiTM) (CIVIL,00) MSc (UPM) (HIGHWAY & TRANSPORT,02)
19871	CIVIL	TAN PHEI LING	BE (HONS) (UTM) (CIVIL-ENVIRONMENTAL,02)
17466	CIVIL	TAN SEONG YUU	BE (HONS) (UTM) (CIVIL,00)
21788	CIVIL	ZAIDIN BIN MATSIN	BE (HONS) (UTM) (CIVIL,03)
23616	ELECTRICAL	HARIZAL BIN HUSAIN	BE (HONS) (UITM) (ELECT,04)
24040	ELECTRICAL	LEE WAI LING	BE (HONS) (UMS) (ELECT&E'TRONICS,04)
25145	ELECTRICAL	NG VI-VIE	BSC (ARIZONA) (ELECT,05)
21713	ELECTRONIC	MOHD FAIZUL BIN ABDULLAH	BE (HONS) (KUiTTHO) (ELECT,02)
22896	MECHANICAL	ANWARUDIN BIN SAIDU MOHAMED	BE (HONS) (UTP) (MECH,04)
10755	MECHANICAL	HAW KIM CHUAN	BE (HONS) (UM) (MECH,88)
21771	MECHANICAL	LIM GUANG-MING	BE (HONS) (MMU) (MECH, 05)
24280	MINERAL RESOURCES	LAU HONG CHEE	BE (HONS) (USM) (MINERAL RESOURCES,05)

### ADMISSION TO THE GRADE OF GRADUATE

Discipline	Name	Qualifications
AERONAUTICAL	AMEER AZRAAIE BIN ARIFFIN	BE (HONS) (SALFORD) (AERONAUTICAL,99)
CHEMICAL	FELIX SURESHJAYA A/L NATARAJA	BE (HONS) (UM) (CHEM,01)
CHEMICAL	HARIKRISHNAN A/L NAGALINGAM	BE (HONS) (UTP) (CHEM, 2005)
CHEMICAL	MOHD IZWAN BIN IBRAHIM	BE (HONS) (UTM) (CHEM,04)
CHEMICAL	ONG SENG HENG	BE (HONS) (UM) (CHEM,02)
CHEMICAL	REBECCA JOSEPHINE PEK	BE (HONS) (UTM) (CHEM, 2004)

## ADMISSION TO THE GRADE OF GRADUATE

Discipline	Name	Qualifications
CIVIL	AB. RAZAK BIN KAMIS	BE (HONS) (UITM) (CIVIL,01)
CIVIL	ABDUL RAHMAN BIN SU'UT	BE (HONS) (UNIMAS) (CIVIL,99)
CIVIL	AU KOON YEW	BE (HONS) (UTM) (CIVIL, 00) MSc (UPM) (STRUCT & CONST, 03)
CIVIL	AZIZI FARISH BIN ZAINAL ABIDIN	BE (HONS) (USM) (CIVIL,04)
CIVIL	BONG YAN PHING	BE (HONS) (UNIMAS) (CIVIL, 02)
CIVIL	CHAI SING HAI @ ALEX	BE (CURTIN UNIV.) (CIVIL & CONST, 04)
CIVIL	CHEW HAN MIN	BE (HONS) (MONASH) (CIVIL, 00)
CIVIL	CHEW TEONG BOON	BE (HONS) (UTM) (CIVIL, 99)
CIVIL	CHOK FUI KHIEH	BE (HONS) (WALES) (CIVIL, 2004)
CIVIL	CHONG CHEE MENG	BE (HONS) (USM) (CIVIL, 04)
CIVIL	CHONG KON WAH	BE (HONS) (NEWCASTLE UPON TYNE) (CIVIL, 98) MSc (NEWCASTLE) (STRUCTURE ENG, MGMT, 01)
CIVIL	CHONG THER NEN	BE (HONS) (MELBOURNE) (CIVIL, 03)
CIVIL	CHOONG YUK KEE	BE (RMIT) (CIVIL, 86)
CIVIL	EDNA LUNCHI	BE (HONS) (USM) (CIVIL, 01)
CIVIL	FAIZUL IZWAN BIN JAMALUDDIN	BE (HONS) (UPM) (CIVIL, 04)
CIVIL	FUN SAI CHUNG	BE (HONS) (QUEEN'S) (CIVIL, 98) MSc (SHEFFIELD) (STRUCTURAL, 00)
CIVIL	GOH KIM YIU	BE (HONS) (BRISTOL) (CIVIL, 99)
CIVIL	HALIM BIN ESKI	BE (HONS) (UM) (CIVIL, 96)
CIVIL	KHOO MONG SAN, ROSEMARY	BE (HONS) (MELBOURNE) (CIVIL, 2003)
CIVIL	KHOO THIAN SHYANG	BE (HONS) (UTM) (CIVIL, 2000)
CIVIL	LAI LIH YING	BE (HONS) (UTM) (CIVIL, 99)
CIVIL	LEW SENG LEONG	BE (HONS) (UTM) (CIVIL, 99)
CIVIL	LILIAN GUNGAT @ LILIA	BE (HONS) (UTM) (CIVIL, 99) MSc (UPM) (HIGHWAY & TRANSPORT, 02)
CIVIL	LIM CHEE TAT	BE (HONS) (UNITEN) (CIVIL, 04)
CIVIL	MOHD ADIB BIN MOHAMAD RAZI	BE (HONS) (UTM) (CIVIL, 01) ME (UTM) (CIVIL-HYDRAUL&HYDROLOGY, 03)
CIVIL	MUHAMMED SAPAWI BIN ISMAIL	BE (HONS) (UTM) (CIVIL, 02)
CIVIL	NG CHEE MIN	BE (HONS) (USM) (CIVIL, 99)
CIVIL	NG KAR HONG	BE (HONS) (USM) (CIVIL, 02)
CIVIL	NGA DIONG HIN, DENNIS	BE (HONS) (LIVERPOOL) (CIVIL, 97)
CIVIL	RAJA FAUZI RIZAL BIN RAJA SABARADIN	BE (HONS) (UITM) (CIVIL, 03)
CIVIL	ROSHIDY NASROL BIN ABU BAKAR	BE (HONS) (UTM) (CIVIL, 02)
CIVIL	SAHARI BIN ABU BAKAR	BE (HONS) (UM) (CIVIL, 02)
CIVIL	SAKINAH BINTI SAAD	BE (HONS) (UTM) (CIVIL, 00)
CIVIL	SHAHBUDDIN BIN ABU BAKAR	BE (HONS) (UKM) (CIVIL & STRUCT, 99)
CIVIL	SHARZALIZA HAIDA BINTI ABD. RAHIM	BE (HONS) (UKM) (CIVIL & STRUCT, 00)
CIVIL	SOON YIN LOU	BE (HONS) (MANCHESTER) (CIVIL, 2003)
CIVIL	TAN CHOON LENG	ME (PORTSMOUTH) (CIVIL, 03)
CIVIL	TAN KANG SIANG	BSc (PURDUE) (CIVIL, 00)
CIVIL	TANG TECK SOON	BSc (AKRON,OHIO) (CIVIL, 90) MSc (AKRON,OHIO) (CIVIL, 93)
CIVIL	TAY KIM MING	BSc (PURDUE) (CIVIL, 99)
CIVIL	THANABALAN A/L SUBBARAYAN	BE (HONS) (UTM) (CIVIL, 2002)
CIVIL	TING KING SOON	BE (HONS) (PLYMOUTH) (CIVIL, 04)
CIVIL	TIONG LEE YOONG	BE (HONS) (UTM) (CIVIL, 01)
CIVIL	WAN AMIR JOHARI BIN WAN MAHMOOD	BE (HONS) (KUITTHO) (CIVIL, 03)
CIVIL	WONG CHUAN MEIN	BE (HONS) (SOUTHERN QUEENSLAND) (CIVIL, 2005)
CIVIL	ZULFA ASRI BIN ZULKIFLI	BE (HONS) (EAST LONDON) (CIVIL, 97)
COMPUTER	CHIN KAH YI	BE (HONS) (LANCASTER) (INFORMATION ENG, 95) MSc (KENT UNIV.) (DISTRIBUTED SYST, 96)
ELECTRICAL	ASYMAL WAJDI BIN MUHD AKHIR @MOKHTAR	BE (HONS) (UITM) (ELECT, 04)
ELECTRICAL	AZLI BIN YUSOP	BE (HONS) (UTM) (ELECT, 99)

# MEMBERSHIP

## ADMISSION TO THE GRADE OF GRADUATE

Discipline	Name	Qualifications
ELECTRICAL	CHONG YEONG LIP	BE (HONS) (UTM) (ELECT & E'TRONIC, 05)
ELECTRICAL	HU CHIN HUI	BE (HONS) (MMU) (ELECT, 03)
ELECTRICAL	KOH HONG KEONG @ GOH HONG KEONG	BE (HONS) (UPM) (ELECT & E'TRONIC, 00) MSc (UPM) (E'TRONIC, 02)
ELECTRICAL	KOH SIAW PAW, JOHNNY	BE (HONS) (UPM) (ELECT & E'TRONIC, 00) MSc (UPM) (CONTROL AUTOMATICAL, 02)
ELECTRICAL	LEE WEI CHIEK	BE (HONS) (UNITEN) (ELECT, 04)
ELECTRICAL	LIM YOKE LEE	BE (HONS) (UKM) (ELECT & E'TRONIC, 04)
ELECTRICAL	MD RAZLI BIN AB RAHIM	BE (HONS) (UiTM) (ELECT, 99)
ELECTRICAL	MOHAMAD RAZALI BIN ROHANI	BE (HONS) (UTM) (ELECT, 03)
ELECTRICAL	POON HOE KIT	BE (HONS) (MMU) (ELECT, 05)
ELECTRICAL	TE CHIN CHENG	BE (HONS) (ADELAIDE) (ELECT & E'TRONIC, 02)
ELECTRICAL	ULAGANATHAN S/O EDDIKAN	BE (HONS) (UM) (ELECT, 01)
ELECTRICAL	WONG JASON	BE (HONS) (NEW SOUTH WALES) (ELECT ENG,05)
ELECTRICAL	ZULKUFLY BIN DAUD	BE (HONS) (UTM) (ELECT, 00)
ELECTRONIC	AZLAN HISSHAM BIN MOHAMAD SAAD	BE (HONS) (USM) (ELECT & E'TRONIC, 99)
ELECTRONIC	AZMI BIN SIDEK	BE (HONS) (UPM) (E'TRONIC / COMP, 95)
ELECTRONIC	ISHAM SHAFARIN BIN ISHAK	BE (HONS) (UNI. OF LONDON) (ELECT & E'TRONIC, 03)
ELECTRONIC	JABU AK NGUMBANG	BE (HONS) (UKM) (ELECT, E'TRONIC & SYST ENG, 00)
ELECTRONIC	KAMARUZAMAN BIN BAHARUDIN	BE (HONS) (UiTM) (ELECT, 02)
ELECTRONIC	KHO LEE CHIN	BE (HONS) (MMU) (E'TRONICS, 03)
ELECTRONIC	LEONG TUK WAI	ME (HONS) (EXETER) (E'TRONIC, 01)
ELECTRONIC	NGU SZE SONG	BE (HONS) (MMU) (E'TRONICS, 03) ME (ADELAIDE) (E'TRONICS, 04)
ELECTRONIC	NOR HAZYADI BIN NOR YADZID	BE (HONS) (UNITEN) (ELECT & E'TRONICS, 02)
ELECTRONIC	YAO CHU KING, ANDREW	BE (HONS) (SHEFFEILED) (E'TRONIC, 2003)
ELECTRONIC	YEOH GUAN TAT	BE (HONS) (BIRMINGHAM) (ELECT & E'TRONIC, 03)
INDUSTRIAL	LEE KIAN YEE	BSc (MANITOBA) (INDUSTRIAL, 2004)
INDUSTRIAL	NG WEI KEONG	BSc (STATE UNI.) (INDUSTRIAL, 02) MSc (STATE UNI.) (INDUSTRIAL, 03)
MATERIAL	ANG BEE CHIN	BE (HONS) (UM) (MATERIALS, 04)
MECHANICAL	ABDUL RAHMAN BIN KIFLI	BE (HONS) (UTM) (MECH-MANU, 99)
MECHANICAL	AHMAD KAMIL BIN MOHD SALLEH	BE (UNI. APP. SC. KONSTANZ,GERMANY) (MECH, 03)
MECHANICAL	AHMAD ZAIRI BIN DZULJASTRI	BE (HONS) (UNITEN) (MECH, 03) MSc (WESTMINSTER) (INTERNATIONAL BUSS. ECONOMICS,04)
MECHANICAL	CHEONG CHUN SIONG	BE (HONS) (UKM) (MECH, 04)
MECHANICAL	CHEONG YEW LIAM	BE (HONS) (UTM) (MECH-INDUSTRIAL, 00)
MECHANICAL	CHING CHEE KENG	BE (HONS) (UTM) (MECH, 2004)
MECHANICAL	CHOK YUN VUN	BE (HONS) (WALES) (MECH, 01)
MECHANICAL	CHONG CHUNG YEE	BE (HONS) (MANCHESTER) (MECH, 00)
MECHANICAL	KHAIRIL NIZAM BIN KHAIRUDIN	BE (HONS) (UTP) (MECH, 02)
MECHANICAL	LIM YING PIO	BE (HONS) (UTM) (MECH- AERONAUTICS, 93) MSc (WARWICK) (MANUFACTURING SYST. ENG, 96)
MECHANICAL	LO CHANG JACK	BE (HONS) (UTM) (MECH-MARINE TECH, 03)
MECHANICAL	LOW KIAN YAU	BE (HONS) (UTP) (MECH, 03)
MECHANICAL	MAZLAN BIN YUSOF	BE (HONS) (UITM) (MECH, 03)
MECHANICAL	MOHAMMAD ZAHARI SUKIMI BIN MAT ZAID	BE (HONS) (UTM) (MECH-AUTOMOTIVE, 03)
MECHANICAL	NALGUNALINGAM A/L SATGUNALINGAM	BE (HONS) (NORTHUMBRIA) (MECH, 99)
MECHANICAL	RAZMAN BIN SABRI	BE (HONS) (LIVERPOOL) (MECH, 04)
MECHANICAL	SAIFULNIZAN BIN JAMIAN	BE (HONS) (UKM) (MECH&MATERIAL, 99)
MECHANICAL	SHAIFULAZUAR BIN ROZALI	BE (EHIME) (MECH, 01) ME (EHIME) (MECH, 03)
MECHANICAL	TAN TECK KEONG	PART I & II (EC) (MECH, 96)
MECHANICAL	TRIDJATMIKA BIN JITNO WIDODO	BE (HONS) (HERIOT-WATT) (ENERGY RESOURCE, 98)
MECHANICAL	VENOTH KUMAR A/L GOVINDASAMY	BE (HONS) (UNITEN) (MECH, 2004)

## ADMISSION TO THE GRADE OF GRADUATE

Discipline	Name	Qualifications
MECHANICAL	WONG CHIN NGAI	BE (HONS) (SHEFFIELD HALLAM) (MECH, 99)
MECHANICAL	WONG POON HAN	BE (HONS) (MANCHESTER) (MECH, 00) ME (UNL OF TECH, SYDNEY) (MGMT, 04)
MECHATRONICS	FAIZAL BIN SAMIRON	BE (HONS) (UIAM) (M'TRONICS, 02)
PETROLEUM	KULENDRAN A/L SAMINATHAN	BE (HONS) (PETROLEUM, 03)

## TRANSFER TO THE GRADE OF ASSOCIATE MEMBER

Discipline	Name	Qualifications
CIVIL	NG SEAN LOK	DIP (UPM) (CIVIL, 02)

## ANNOUNCEMENT OF OFFICE RELOCATION

We are pleased to announce that with effect from 6 February 2006, PSDC will be opening from its new office located at the Ministry of Works.

Our full address will be as follows:

Professional Services Development Corporation Sdn Bhd  
 Aras 2, Block C  
 Kompleks kerja Raya  
 Jalan Sultan Salahuddin  
 50580 Kuala Lumpur  
 Tel: 03-2696 8209  
 Fax: 03-2094 1471

Our e-mail address and URL of website remains unchanged. We enclose herewith the location map for your kind reference.

This relocation will not result in any change in service from PSDC to our valued customers and partners. We strongly believe that PSDC will continue to play a vital supportive role in the development of Malaysian economy and further strengthening our position in the global market.

## UPCOMING EVENTS

## ENGINEERING WEEKS 2006

The Standing Committee on Welfare & Service Matters would like to announce that the proposed Engineering Weeks 2006 which is scheduled to take place from 21– 25 March 2006 **has been postponed to a later date next year.**

## IEM OPEN HOUSE 2006

**Date of Event : 7 May 2006**  
**Time : 10.30 a.m. – 2.00 p.m.**  
**Venue : Dewan Tan Sri Mahfoz Khalid,**  
**Block C Kompleks JKR,**  
**Jalan Salahuddin,**  
**50580 Kuala Lumpur**

(Please refer to IEM Open House 2006 flyer which will circulated to all IEM members separately)

## TALK ON ' ESTATE PLANNING '

**DATE OF EVENT : 12 APRIL 2006**

Conducted by Ms. Joyce Lim, Manager of Private Trustee Services, OSK Trustees Berhad as follows:-

**VENUE : IEM CONFERENCE HALL,**  
**2ND FLOOR BANGUNAN INGENIEUR,**  
**PETALING JAYA**

**TIME : 5.30 P.M. – 7.00 P.M**

For those who are interested to attend the talk, please fill-up the reply slip and submit to Secretariat latest by 10 April 2006.

**PRIZES FOR OUTSTANDING PERFORMANCES IN**  
**SPM/STPM EXAMS FOR YEAR 2005**  
**[ TO BE SUBMITTED BEFORE 15 APRIL 2006 ]**

The form could be obtained from the IEM Website at [www.iem.com.my](http://www.iem.com.my). Please submit the completed form together with the copy of result to Secretariat. The successful candidates will be presented with the prizes at the Open House '06.





# IEM DIARY OF EVENTS

For further enquiries on the events below, please contact IEM Secretariat at 03-7968 4001/2 or visit IEM Homepage at <http://www.iem.org.my>

**Engineering Education Technical Division**  
10 MAR 2006  
Time: 5.30 p.m. - 7.00 p.m.  
ISO 9001: Quality Management System for the Construction Sector

**Information Technology Special Interest Group (ITSIG)**  
11 MAR 2006  
Time: 9.00 a.m. - 11.00 a.m.  
Talk on "Towards 3G Technology in Telecommunication"

11 MAR 2006  
Time: 11.00 a.m.  
8th ITSIG AGM

**Production and Manufacturing Engineering Technical Division**  
15 MAR 2006  
Time: 5.30 p.m. onwards  
Talk on "Effective Supply Chain Management (SCM)"

**Mechanical Engineering Technical Division**  
11 MAR 2006  
Time: 9.30 a.m. - 12.00 p.m.  
Technical Visit to Serdang Power Station

16 MAR 2006  
Time: 5.30 p.m. - 7.30 p.m.  
Talk on Precision Forging Technology and Development of Forging Simulator

27 & 28 MAR 2006  
2 Days Technical Course on ASME Code Section IX  
Nakhoda Room, 3rd Floor, Armada Hotel, Petaling Jaya

31 MAR 2006  
Time: 5.30 p.m. - 7.30 p.m.  
Talk on Occupational Carcinogens in Engineering Practice

**Oil, Gas and Mining Technical Division**  
15 MAR 2006  
Time: 9.00 a.m. - 11.00 a.m.  
Talk on "Liquid Filling System"

**Graduates & Students Section**  
23 MAR 2006  
(and every 2nd and 4th Thursdays of the Month)  
Time: 7.30 p.m. - 9.30 p.m.  
IEM Toastmasters Club

15 APRIL 2006  
Time: 8.30 a.m. - 5.00 p.m.  
Training Workshop on Technical Writing Skills

**Water Resources Technical Division**  
21 - 23 MAR 2006  
Hands-on Course on 'Urban Stormwater Management Manual for Malaysia' (MSMA)  
Institute for Competency Development, DID, Ampang

30 MAR 2006  
Time: 8.30 a.m. - 5.30 p.m.  
1 Day Course on Design of Coastal Protection Works

## Branches

**IEM PERAK BRANCH**  
6 - 7 MAR 2006  
2-Day Conference on Landslide, Sinkhole, Structure Failure: Myth or Science?  
Casuarina Hotel, Ipoh, Perak Darul Ridzuan

## CONFERENCES FOR 2006

6 - 7 MARCH 2006  
International Conference on Landslide, Sinkhole, Structure Failure: Myth or Science?  
Royal Casuarina Hotel, Ipoh, Perak  
18 MARCH 2006  
IEM Golf Competition/Circuit  
KGSAA

20 - 25 MARCH 2006  
Engineering Week

22 APRIL 2006  
AGM & 47<sup>th</sup> Annual Dinner and Awards Night  
IEM and Palace of the Golden Horses

7 MAY 2006  
Open House  
JKR Hall, Dewan Tan Sri Mahfuz Kahlid

8 - 12 MAY 2006  
IEM/BEM Exam

9 - 11 MAY 2006  
Conference on Concrete Engineering and Technology (CONCET)  
Sheraton Subang Hotel

22<sup>nd</sup> - 26 MAY 2006  
11<sup>th</sup> Asian Congress on Fluid Mechanics  
Berjaya Times Square Hotel and Convention Centre

23 - 24 AUGUST 2006  
National Food Production and Processing Conference  
Equatorial Hotel, Bangi  
Call for Papers (1st Bulletin)

27<sup>th</sup> - 30 AUGUST 2006  
11<sup>th</sup> APCChE Congress  
Kuala Lumpur Convention Centre (KLCC)

28 AUGUST 2006  
IEM/IES/PII Tripartite Meeting  
Kuala Lumpur Convention Centre (KLCC)

28 AUGUST 2006  
5 - 7 SEPTEMBER 2006  
Brownfield Asia 2006 - International Conference on Remediation and Management of Contaminated Land: Focus on Asia  
Berjaya Times Square Hotel and Convention Centre

24 - 25 OCTOBER 2006  
Conference on Current Trends in Food Engineering

29 NOVEMBER - 2 DECEMBER 2006  
24<sup>th</sup> Conference of ASEAN Federation of Engineering Organisation (CAFEEO)  
Donechan Palace Hotel, Vientiane Capital, Laos

## CONFERENCES FOR 2007

8 - 11 MAY 2007  
16th Southeast Asian Geotechnical Conference (SEAGC 2007)  
Venue: Sheraton Subang Hotel & Towers, Subang Jaya  
E-Mail: [16seagc@iem.org.my](mailto:16seagc@iem.org.my)  
Website: <http://www.16seagc.com>  
(Call for Papers)

1 - 5 AUGUST 2007  
3rd World Engineering Congress (WEC)  
Venue: Penang

## ANNUAL DINNER AND AGM OF BRANCHES YEAR 2006

Annual Dinner	Miri Branch	April
AGM and Annual Dinner	Negeri Sembilan Branch	May
AGM and Annual Dinner	Southern Branch	June
AGM and Annual Dinner	Perak Branch	July
AGM	Sabah Branch	October
Annual Dinner	Sabah Branch	November
AGM and Annual Dinner	Penang Branch	November
AGM and Annual Dinner	Kedah/Perlis Branch	December
AGM and Annual Dinner	Sarawak Branch	December
AGM	Miri Branch	December
AGM and Annual Dinner	Terengganu Branch	December
AGM and Annual Dinner	Melaka Branch	December
AGM and Annual Dinner	Eastern Branch	TBA

# CONFERENCE & SEMINAR



## MALAYSIA

4, 11, 18, 25 March & 1 April 2006  
INDUCTION COURSE FOR NEW M&E ENGINEERS  
Venue: Women's Institute of Management, TTDI, KL  
Organiser: ACEM  
Tel: 03-2095 0031  
Fax: 03-2095 3499  
E-mail: [sec@acem.com.my](mailto:sec@acem.com.my)  
(Invitation to Register - before 24 February 2006)

13 - 14 June 2006  
INTERNATIONAL SEMINAR ON CIVIL AND INFRASTRUCTURE ENGINEERING 2006 (ISCIE'06)  
Venue: Universiti Teknologi MARA, Shah Alam, Selangor  
Organiser: UiTM  
Tel: 03-5544 3311 / 5543 5242 / 44 / 82  
Fax: 03-5543 5275  
E-mail: [hami\\_dh@yahoo.com](mailto:hami_dh@yahoo.com) / [fka\\_ctzara@yahoo.com](mailto:fka_ctzara@yahoo.com)  
Website: <http://www.uitm.edu.my>  
(Invitation to Register and Call for Papers - before 15 February 2006)

3 - 5 July 2006  
INTERNATIONAL CONFERENCE ON SLOPE MALAYSIA 2006  
Organiser: Ministry of Works Malaysia, JKR, REAM  
Tel: 03-2696 7351  
Fax: 03-2692 7010  
E-mail: [HANADZRI@jkr.gov.my](mailto:HANADZRI@jkr.gov.my); [AbHamid@jkr.gov.my](mailto:AbHamid@jkr.gov.my)  
(Call for Papers - before 15 December 2005)

5 - 6 September 2006  
6TH ASIA PACIFIC STRUCTURAL ENGINEERING AND CONSTRUCTION CONFERENCE 2006 (APSEC 2006) - "CHALLENGES TOWARD SUSTAINABLE CONSTRUCTION"  
Organiser: JKR, CIDB, UTM, CTMC STC  
Tel: +607-553 1505 / +607-521 8182/59  
Fax: +607-521 1355  
E-mail: [APSEC2006@utm.my](mailto:APSEC2006@utm.my)  
Website: <http://www.spaceutm.edu.my/seminar>  
(Call for Papers - before 15 February 2006)

15 - 16 September 2006  
INTERNATIONAL CONFERENCE ON MAN-MACHINE SYSTEMS (ICoMMS 2006)  
Venue: Pulau Langkawi  
Organiser: KUKUM  
Tel: 04-979 8149  
Fax: 04-979 8142  
E-mail: [icomms@kukum.edu.my](mailto:icomms@kukum.edu.my)  
Website: <http://www.kukum.edu.my/icomms>  
(Second Call for Papers - before 29 March 2006)

22 - 24 November 2006  
3RD INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE IN ENGINEERING AND TECHNOLOGY (ICAIEET 2006): "INTELLIGENT SYSTEMS FOR THE NEXT GENERATION"  
Organiser: UMS  
Tel: 088-320 000 Ext: 3057  
E-mail: [icaieet@ums.edu.my](mailto:icaieet@ums.edu.my)  
Website: <http://kinabalu.ums.edu.my/icaieet>  
(Call for Papers)

## KOREA

22 - 27 April 2006  
ITA-AITES WORLD TUNNEL CONGRESS & 32ND ITA GENERAL ASSEMBLY  
Organiser: KTA, ITA  
Tel: +82-2-726-5554/5558  
Fax: +82-2-778-2514  
E-mail: [ita2006@hanjinpc.com](mailto:ita2006@hanjinpc.com)  
Website: <http://www.ita2006.com>  
(Invitation to Register - before 31 January 2006)

## UK

1 - 3 November 2006  
SIEMENS TRANSPORTATION SYSTEM: EXPORAIL 2006  
Organiser: Resteck Brooks Exhibition  
Tel: +44 (0) 1273 300 434  
Fax: +44 (0) 1273 300 986  
E-mail: [exporail@mackbrooks.com](mailto:exporail@mackbrooks.com)  
Website: <http://www.exporail2006.com>

## 2006

ISTRUCTE STRUCTURAL AWARDS 2006  
Organiser: IStructE  
Tel: +44 (0) 20 7201 9104  
E-mail: [pile@istructe.org.uk](mailto:pile@istructe.org.uk)  
Website: <http://www.istructe.org.uk>  
(Call for Applications - before 7 April 2006)



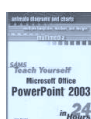
## NEW BOOKS DONATED BY MECHANICAL ENGINEERING TECHNICAL DIVISION

### FIRE SAFETY IN BUILDING V K JAIN / NEW AGE 693.82 / 004730



Ever-increasing population and demand of built-up spaces have constrained our society to go for compact and multistoreyed building premises. In metropolitan cities, there was no choice for town planners but to go for vertical expansion rather than horizontal. The net result was construction of thousands of multi-storeyed complexes which needed proper fire security arrangements. Legislation exists at different levels incorporating different type of restrictions to the designers and occupiers of the building. A cast amount of guidelines exists but not known to everybody engaged in the field. This book is designed to cover this gap and will be a right choice in the direction. It comprehensively deals not only with the fundamentals of fire engineering appends different building bye-laws and relevant abstracts from BIS and National building Codes, NFPA, LPA, TAC, etc, but reviews structural safety, and provides sufficient multi disciplinary guidelines for selecting proper gadgets for complete fire safety of building complexes. A complete treatise on fire security of its own kind for the first time in India.

### MICROSOFT OFFICE POWERPOINT 2003 : IN 24 HOURS TOM BUNZEL / SAMS TEACH YOURSELF 681.324 / 004728



In just 24 lessons of one hour or less, you will be able to create and present a high impact presentation that goes beyond simple title and bullet slides, with photographs, audio, animated charts, diagrams and digital video. Using a straightforward, step-by-step approach, each lesson builds on the previous ones, enabling you to learn the essentials of creating an exciting, high impact presentation and delivering it effectively, from the ground up.

### MACHINE DESIGN : AN INTEGRATED APPROACH – 3RD EDITION ROBERT L. NORTON 621.815.21 / 004728



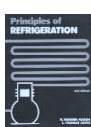
This textbook is designed to be an improvement over those current available and to provide methods and techniques that take full advantage of the computer. It emphasizes design and synthesis as well as analysis. Examples problems, case studies, and solution techniques are spelled out in detail and are self contained. All the illustrations are done in two colors. Short problems are provided in each chapter and where appropriate, longer unstructured design project assignments are given.

### CAREER DEVELOPMENT AND UNEMPLOYMENT PROBLEMS IN MALAYSIA : CRISIS OF EDUCATION AND TRAINING ABD. RAHIM ABD. RASHID / SUFEAN HUSSIN / ABU TALIB PUTIH 004729 / 331.702



This book explore the key issues and problems pertaining to career development and unemployment problems that currently under siege the hopes of Malaysian graduates. Issues addressed in this book include : career decision making of sub-urban secondary school students, the role of career development strategies, career development in engineering and career aspiration among students.

### PRINCIPLES OF REFRIGERATION – 2ND EDITION R. WARREN MARSH / C. THOMAS OLIVO 004738 / 621.57



This book contains six sections, representing major blocks, divisions or areas of instruction. The six sections include:

1. An introduction to Refrigeration
2. heat and Temperature
3. Transfer of Heat
4. The Heart of the Refrigeration System
5. Electrical and Control Requirements
6. Modern Applications

Within this broad framework is included the technical information which is foundational to all refrigeration and air-conditioning work.

### KONSEP KESELAMATAN KEBAKARAN BANGUNAN M. DAVID EGAN / TERJEMAHAN OLEH : MOHAMED RASHID / NOOR AZLAN ABDUL AZIZ / SHAHIRUL ABU BAKAR / SULAIMAN SHARIFF 004743 / 693.82



Matlamat buku ini adalah untuk mempersembahkan prinsip-prinsip reka bentuk keselamatan kebakaran bangunan secara format grafik. Semua gambarajah menggambarkan teras utama buku ini. Ia merangkumi factor yang mempengaruhi permulaan nyalaa api dan perebakan api dalam bangunan, perancangan tapak bangunan untuk memadam kebakaran dan operasi menyelamatkan penghuni, kawalan kebakaran dengan bahan binaan dan pembinaan, pengesan kebakaran dan system ketahanan bagi bangunan, teknik menggunakan haba dan asap, prinsip menyelamatkan diri dan perlindungan bagi penghuni.

### NEGOTIATION IN A NUTSHELL ARLENE BASTION / PEARSON EDUCATION 004740 / 620



This book is about negotiation, the factors, skills, and issues. There are many such books abounding. This book is different because the unpretentious style of the author makes for refreshing and even humorous reading. Thus you get necessary knowledge of what's required and expected in negotiation, wrapped in a palatable and comprehensive manner.

### BUSINESS ARGUMENT IN A NUTSHELL : NUGGETS FOR BETTER BUSINESS ARLENE BASTION / PEARSON EDUCATION 004741 / 658



The book's primary spin is towards the use of reason to underpin arguments made in business, to ensure more professional decision and judgments. We are shown how good argument can solidify the writing of business papers and reports, facilitate business routines such as negotiation and sales. We are shown how to construct argument, what we need to have and know, the strategies, the danger zones. Contemporary business concerns of culture and gender are covered, with emphasis placed on the necessary interpersonal skills and language required to convey argument, as well as deal with difficult persons in argument.

### PROJECT MANAGEMENT PARAG DIWAN / GBS 004739 / 658.112



Project management is too often thought of in terms of discrete tools such as schedules and status reports, with a concomitant lack of understanding of its true value and corresponding lack of commitment of effective implementation. One definition of project management is "the application of skills, knowledge, tools, and techniques to meet or exceed stakeholder requirements form a project." The tools are a means to an end. The desired "end" is a successful project that contributes to the business success of the organization as well.

This book provides with thought-provoking exposure to a number of important aspects of project management and directs to additional project management resources. We hope the reader will find the material informative and useful, and share the issues aith others in the organization.

### AIR CONDITIONING PRINCIPLES AND SYSTEMS : AN ENERGY APPROACH EDWARD G. PITA 004731/697.9



This book is a fundamental text on air conditioning systems that combines design principles with real-world applications-explaining all concepts in a clear, practical manner, and focusing on problems and examples typically encountered on the job

Following an overview of the scope of air conditioning, the text first reviews the physical principles. Heating and cooling load calculations are then explained in a thorough yet understandable manner. The subject of psychrometrics is presented in considerable detail. Since it is at the heart of understanding air conditioning processes. Construction, selection, design, and performance of air conditioning and refrigeration equipment and systems, and tow examples projects illustrating design pf a heating and cooling system are described in depth.

### ENGINEERING FUNDAMENTALS OF THE INTERNAL COMBUSTION ENGINE – 2ND EDITION WILLARD W. PULKRABEK / PEARSON PRENTICE HALL 004727 / 62



- coverage of the latest automotive technologies, including the Miller cycle, variable compression ratios, 42-volt electrical systems, hybrid vehicles, variable valve actuation, cylinder cutout, alternate fuels, and electronic valve control
- photographs, line drawings and cycle diagrams of many different types and sizes of engines
- many additional worked examples problems to emphasize important concepts
- additional review problems at the end of each chapter, including open-ended design problems
- numerical answers to select4ed review problems
- use of both SI and English units
- additional historical notes
- conversation factors for common engine parameters
- tables of fuel properties, air properties, chemical parameters
- expanded reference listing

### HEATING, VENTILATING, AND AIR CONDITIONING : ANALYSIS AND DESIGN – SIXTH EDITION MCQUISTON / PARKER / SPITLER / WILEY 004742 / 697.7



Based on the most recent standards from ASHRAE, this sixth edition provides complete and up-to-date coverage of all aspects of heating, ventilation, and air conditioning. You'll find the latest load calculation procedure, indoor air quality procedures, and issues related to ozone depletion. Throughout the text, numerous worked examples clearly show you how to apply the concepts in realistic scenarios.

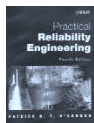
In addition, several computer programs (several new to this edition) help you understand key concepts and allow you to simulate various scenarios, such as psychometrics and air quality, load calculations, piping system design, duct system design, and cooling coil simulation. Additionally, the load calculation program has been revised and updated.

### WATER SUPPLY AND SANITARY INSTALLATIONS (WITHIN BUILDING) DESIGN, CONSTRUCTION AND MAINTENANCE – 6TH EDITION A.C. PANCHDHARI / NEW AGE INTERNATIONAL PUBLISHERS 004734 / 628.18



This book deals with some of the elementary aspects that we regularly come across in Water Supply and Sanitary Installation. An attempt has been made to compile information on the design, construction and maintenance aspects of the subject. Some new topics related to this area have been added in its present edition to make the book more exhaustive and comprehensive. The book will be useful for teachers, students and professionals dealing in architecture, building construction, design and maintenance of services.

**PRACTICAL RELIABILITY ENGINEERING – 4TH EDITION**  
**PATRICK D.T. O'CONNOR / WILEY**  
 004743 / 65.01



Practical Reliability Engineering provides a comprehensive, up-to-date description of all important methods for the design, development, manufacture and maintenance of reliable engineering products and systems. Students, engineers and managers alike will find this a valuable reference sources.

**FIRE IN TALL BUILDINGS : OCCUPANTS' SAFETY AND OWNERS LIABILITY**  
**JELANI ABDULLAH / INTERNATIONAL LAW BOOK SERVICES**  
 004732 / 693.82



Tall buildings in Malaysia are commonly used for non residential purposed, such as office, shop lots, entertainment centers, restaurants etc. the occupants maybe very particular, elective and demanding of the facilities, fashion, comfort and amenities but sad to say they are unconcerned and oblivious of the danger in the event of fire in tall buildings. Quite often, it is the occupants who fall victim to fire. Besides damages to their belongings and property, some occupants are burned to death for not knowing what to do in the event of fire.

This publication strongly recommended not only for the occupants and owners of tall buildings but also for other agencies involved in tall buildings and fire fighting.

**REFRIGERATION POCKET BOOK**  
**MICHAEL BOAST / CBD PUBLISHERS**  
 004735 / 621.57



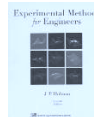
The aim of this book is to provide the refrigeration applications engineer with a central reference to wide range of product data and technical information, in a single source. Often outline information is required when on site or with a client.

**INTERNET SIMPLIFIED: A STEP-BY-STEP APPROACH**  
**PALANI MURUGAPPAN / VENTON**  
 004733 / 681.324



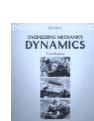
The book covers many aspects of effects including but limited to customizing Internet Explorer, changing default values, basic terminology of the Internet, communicating via the Internet using e-mails, components of the Internet, searching techniques, and getting the latest online news.

**EXPERIMENTAL METHODS FOR ENGINEERS - SEVENTH EDITION**  
**J.P. HOLMAN / MCGRAW HILL**  
 004726 / 620.007



Experimental methods for engineers offers the broadest range of experimental measurement techniques available for mechanical and general engineering applications. Offering clear descriptions of the general behavior of different measurement techniques, such as pressure, flow and temperature, the text emphasizes the use of uncertainty analysis and statistical data in estimating the accuracy of measurements.

**ENGINEERING MECHANICS : DYNAMICS – SI EDITION - 3RD EDITION**  
**R.C. HIBBELER / PEARSON PRENTICE HALL**  
 004744 & 004745 / 620.104



The main purpose of this book is to provide the student with a clear and thorough presentation of the theory and applications of engineering mechanics. To achieve this objective, the author has by no means worked alone; to a large extent, this book has been shaped by the comments and suggestions of hundreds of reviews in the teaching profession as well as many of the authors students.

Note: IEM Library is open from 9.00 a.m. to 6.00 p.m. (Mon - Fri)  
 9.00 a.m. to 4.00 p.m. (Every Saturday)

## REPORT

## Mechanical Engineering Technical Division

## Summary of 2-Day Technical Course on ASME Section VIII Div 1

By: En. Azlan Hasan

This 2-day technical course was held on 12 and 13 of December 2005 at the Conference Hall of Ingenieur Building, Petaling Jaya. Total of 65 participants have showed up.

On the first day after the ice breaking session in the morning, the speaker has touched a little bit about the National Requirements pertaining the operation of the any pressure equipment in Malaysia. The enforcing authority under the Malaysia jurisdiction is the Department of Safety and Health (DOSH).

Later, the speaker talked about the philosophy of the pressure equipment under ASME Code. This included the introduction to ASME Boiler and Pressure Vessel Codes, the role of ASME, National Board and ASME Authorized inspector.

In the afternoon session, the speaker went into the organization of the and in

detail of how ASME Section VIII Div 1 is organised. This helped the participants to understand how to go about such a thick Codebook.

Before the end of the first day session, the speaker focused on the material used in the pressure vessel fabrication. He talked about the material selection for various operations and applications. Besides, he covered how the Maximum Allowable Stresses for all ASME material are determined what to be used in the design calculations.

The first session of the second day, Mr. Azlan explained how to determine the joint efficiency, which is based on joint type, joint category (location) and degree of radiography.

After introducing few design thickness formulas for various parts, the speaker

explained about how to evaluate what need to be considered for all design parameters. These included operating and static head pressures in order to determine the design pressure and also how to select correct Maximum Allowable Stress for the material at particular design temperature. Consequently, after the minimum thickness has been calculated, he taught how the component is rated for its Maximum Allowable Working Pressure.

Finally, before he ended the session, he touched in general the other ASME reference Codes, ASME Section IX - Quality Welding and ASME Section V - Non Destructive Examination, in order to give a deeper understanding on other requirements for fabrication of pressure equipment in accordance to ASME philosophy. ■

## CALL FOR NOMINATIONS

### IEM Outstanding Engineering Achievement Award 2007

The IEM Outstanding Engineering Achievement Award is created to confer recognition to 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 engineering progress and the quality of life in Malaysia. In making the selection, the following criteria will be given special consideration.

Contribution to the well-being of people and communities; resourcefulness in planning and in the solution of design problems; pioneering in use of materials and methods; innovations in planning, design and construction; 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 2007 Award is June 1, 2006. 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.

### IEM Award For Contribution To Engineering In Malaysia 2007

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

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

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

#### NOMINATIONS

- Nominations will be invited annually. **The closing date for receipt of nominations for award for year 2007 is June 1, 2006.**
- 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 services rendered or contributions made or system designed and/or constructed together with relevant photographs 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.

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

## IEM LADY ENGINEER AWARD 2007

The Lady Engineer's Sub-Committee under the auspices of the Welfare Committee is proud to invite nominations for the Lady Engineer Award 2007.

The primary objective of the Award is to recognise the contributions by lady engineers. This Award may also incidentally encourage interest in engineering among ladies and encourage them to strive towards greater excellence. The Award will be presented to the lady engineer who has shown outstanding ability and leadership qualities, or has been a pioneer in any one or more of the following areas:

- In the design and/or construction of an engineering device or system, structural system, planned development, environmental improvements or,
- In the research and development of engineering device, systems, processes and/ or materials, publication of paper or,
- In the teaching of engineering or,

- In the management of engineering projects,
- Entrepreneurship in the commercial sector.

In making the selection, the following criteria will be given special consideration:

- Contribution to the well-being of people and communities
- Resourcefulness in planning and in the solution of design problems
- Pioneering in use of materials and methods
- Innovations in planning, design and construction
- Unusual aspects and aesthetic values

The Award is opened to candidates who are:

- Registered members of the Board of Engineers, Malaysia,
- Malaysian citizens or permanent residents of Malaysia,
- Graduate or corporate members of The Institution of Engineers, Malaysia.

The closing date for nominations is June 1, 2006. Please submit nomination to:

**Chairperson**  
**Sub-Committee on Ladies Engineers,**  
**The Institution of Engineers,**  
**Malaysia, Bangunan Ingenieur,**  
**Lots 60/62, Jalan 52/4,**  
**P.O. Box 223, Jalan Sultan**  
**46720 Petaling Jaya, Selangor D. E.**

The Proposer may or not be a member of IEM or BEM, or an engineer. However, each nomination shall be supported by a brief recommendation from two Referees who are Graduate or Corporate member of IEM. If the Proposer is herself either a Corporate or Graduate member of IEM (or higher), then she may also act as one of the two required Referees.

Nomination forms can be downloaded from the IEM website. For further details, kindly contact En. Mizi at 03-7968 4001/2. ■

## YOUNG ENGINEER AWARD 2007

**On behalf of IEM, the G&S Committee is proud to invite nominations for the YOUNG ENGINEER AWARD 2007.**

The objective of the Award is to encourage interest in engineering and to recognise potential among young engineers in Malaysia. The Award will be presented to the person who has shown outstanding ability and leadership qualities,

- either
- i) in the design and/or construction of an engineering device or system of merit
- or
- ii) in the research and development or teaching of engineering.

In any one year, the Award may be made in either one or both of the categories mentioned above. If the Award is to be made in only one of the two category may be made in the year.

The Award is open to candidate who are:-

- i) Registered member with the Board of Engineers, Malaysia and under 35 years of age

- ii) Malaysian citizens or permanent residents of Malaysia
- iii) Graduate or corporate members of IEM.

Photocopies are allowed. The closing date for nominations is June, 2006.

The Proposer may or may not be a member of IEM. However, each nomination shall be supported by a brief recommendation from two Referees who are Corporate members of IEM. If the Proposer himself is a Corporate member of IEM (or higher), then he may also act as one of the two required Referees.

Future nomination will be invited bi-annually.

The Award will comprise a cash prize of RM500.00, a scroll and plaque, to be presented with due ceremony to each recipient of the Award. ■

Nominations can be downloaded from the IEM website.