## **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	Nan	ne	Qı	ualifications				
		CHEMIC	AL EN	NGINEERING				
24919	LEE SION	IG HOONG	BE	(HONS) (UMS) (CHEMICAL, 04)				
	Į	CIVIL	ENGI	INEERING				
26497	CHEW O	DI TECK	BE	(HONS) (UPM) (CIVIL, 00)				
22088	CHIN YU	EN YU, DESMOND	BSo	c (THE UNI OF MANITOBA) (CIVIL, 01)				
19677	ISHAK BI	N HASHIM	BE	(HONS) (UTM) (CIVIL, 99)				
25573	JONG CH	IING CHEN	BE	(HONS) (UNIMAS) (CIVIL, 02)				
24537	LAU CHC	ON HUI, ALAN	BS	c (TENNESSEE TECH UNI) (CIVIL, 97)				
21343	LAU KIU			(HONS) (ROYAL MELBOURNE INS OF TECH) (				
23673		ING HAU @ JAMES LEONG		(HONS) (THE UNI OF NEW SOUTH WALES) (C	IVIL, 02)			
16401		DNG LING		(HONS) (UTM) (CIVIL, 00)				
19709		LUN @ REINEKE LOK		(HONS) (UKM) (CIVIL, 99)				
28863		YASWAN BIN SAMSUDIN		(HONS) (UTM) (CIVIL, 04)				
25282		UBIDI BIN ABD. RAZAK		(HONS) (UTM) (CVIL, 04)				
25514		AN CHEOW		(HONS) (UNI OF LEEDS) (CIVIL, 04)				
17467		HOO TECK		(HONS) (UTM) (CIVIL, 00)				
29616				(HONS) (UTM) (CIVIL 02)				
14360	ZULKERI	NEN BIN HASHIM		(HONS) (UTM) (CIVIL, 88)				
		ELECTRIC	AL E	ENGINEERING				
12644	LOH WAI	FOO, CLARENCE	BE	(HONS) (THE QUEEN'S UNI OF BELFAST) (ELE	ECT & E'TRONIC, 88)			
26811	NG HSIN			BE (HONS) (MMU) (ELECT, 02)				
23541		BAKTIAR BIN ABDUL RAHMAN		(HONS) (UITM) (ELECT, 04)				
24940	SYAMSU	LAKMAL BIN ABD. MANAB	BE	BE (HONS) (IMPERIAL COLLEGE OF SC, TECH & MED, UNI OF LONDON) (ELECT & E'TRONIC, 03)				
		MECHANI	CALE	ENGINEERING				
22096	EZWAN E	BIN MOKHTAR	BE	(HONS) (UTM) (MECH, 02)				
29819	LIM YEW	JIN	BE	(HONS) (UPM) (MECH, 02)				
26954	MOHD. H	ISHAM BIN ABU BAKAR	BE	(HONS) (USM) (MECH, 04)				
36313	TEYO EN	G CHONG	BE	(HONS) (UNITEN) (MECH, 02)				
	NEW A	PPLICANTS		NEW APPLICANTS				
Name		Qualifications		Name	Qualifications			
	CIVIL E	NGINEERING		WAN KHAIRUL ANUAR BIN WAN MOHAMAD	BE (HONS) (UTM) (CIVIL, 03)			
AL-RIFAE BIN MOHAMED ISHA	ĸ			WAN MOKHTAR BIN WAN ISMAIL	BE (HONS) (UTM) (CIVIL, 03)			
AZALI BIN YAACOB	MX.	BE (HONS) (UPM) (CIVIL, 99) BE (HONS) (UTM) (CIVIL, 96)						
CHE MIMI SURIYANI BINTI ISM		BE (HONS) (UTM) (CIVIL, 98)		ELECTRIC	AL ENGINEERING			
CHIA MUN HUAN		BE (HONS) (UNI OF PORTSMOUTH) (CIVIL, 97)		ADENAN BIN RASHID	ADV DIP (UITM) (ELECT, 95)			
ISMAIL BIN IBRAHIM		BE (HONS) (UTM) (CIVIL, 97)		AHMAD TERMIZI BIN MOHD. DAUD	BE (HONS) (UITM) (ELECT, 96)			
LAI TEK HAP		BE (HONS) (UTM) (CIVIL, 00)		AZNAN BIN ABIDIN	BE (HONS) (UNI OF GLAMORGAN, UK)			
LEE YUN FOOK		BE (HONS) (UTM) (CIVIL, 03)			(ELECT & E'TRONIC, 97)			
LIM CHIN KEONG		BE (HONS) (UNI OF ADELAIDE) (CIVIL, 00)		MANIVANNAN A/L SHANMUGAN	BE (HONS) (UTM) (ELECT, 93)			
MD. YUSRI BIN UDIN		BE (HONS) (UTM) (CIVIL, 94)		TAN JOO KOK	BE (HONS) (UNI OF CANTERBURY) (ELECT & E'TRONIC, 89)			
ONG TEIK CHUAN		BE (HONS) (UPM) (CIVIL, 99)		MECHANIC				
RABINDRANATH S VETHAKKA	N	BE (HONS) (UM) (CIVIL, 95)						
SHARIFAH NAZATUL SHIMA BI	NTI				BE (HONS) (SHEFFIELD HALLAM UNI) (MECH, 96)			
SYED OMAR		BE (HONS) (UTM) (CIVIL, 96)		NIK MOHD. YUSLAN BIN NIK YUSOFF	BE (HONS) (UITM) (MECH, 02)			

Note: The remaining list approved in April 2009 Council would be published in the June 2009 Bulletin issue. Thank you.

#### (List Continued From April 2009 Bulletin)

	ADMISSION THE GR					
M'ship No	Name	Qualifications				
	COMPUTER AND C	OMMUNICATION				
36689		2ND YEAR (UPM) (COMP. & COMM.)				
	ELECTR					
36437 36602	ADHANURDIN HALIMI BIN MAZLAN ADI SYAFIQ BIN MD AMIR	1ST YEAR (UMP) (ELECTRICAL) 1ST YEAR (UMP) (ELECTRICAL)				
36630	ALESYAH BINTI GHAZALI	1ST YEAR (UMP) (ELECTRICAL)				
36232	ANG WAN LIN	1ST YEAR (UTM) (ELECTRICAL)				
36179	BONG ENG YUEH	1ST YEAR (UTM) (ELECTRICAL)				
36600	CHIO THIAM WEI	1ST YEAR (UMP) (ELECTRICAL)				
36178	CHONG CHING LOONG	1ST YEAR (UTM) (ELECTRICAL)				
36181 36177	CHONG YING FENG EE CHUNG YIK	1ST YEAR (UTM) (ELECTRICAL) 1ST YEAR (UTM) (ELECTRICAL)				
36152	FARID BIN JOHAN	1ST YEAR (UTM) (ELECTRICAL)				
36620	HAFIZU BIN MAT HUSSIN	1ST YEAR (UMP) (ELECTRICAL)				
36162	HIEW WING FATT	1ST YEAR (UTM) (ELECTRICAL)				
36633	KHAIRUL AFIQ BIN ZAKARIA	1ST YEAR (UMP) (ELECTRICAL)				
36404	KING YIU JOA, ISSAC	1ST YEAR (UMP) (ELECTRICAL)				
36176		1ST YEAR (UTM) (ELECTRICAL)				
36203 36409	LEE JIAN HUI LOW BEE CHIN	1ST YEAR (UTM) (ELECTRICAL) 1ST YEAR (UMP) (ELECTRICAL)				
36414	MOHAMAD YUSRI BIN YUSOF	1ST YEAR (UMP) (ELECTRICAL)				
36433	MOHAMAD ZAHIR BIN ISHAK	2ND YEAR (UMP) (ELECTRICAL)				
36596	MOHD ADLI BN HASSIN	1ST YEAR (UMP) (ELECTRICAL)				
36622	MOHD FAKHROL HAFIQ BIN IBRAHIM	1ST YEAR (UMP) (ELECTRICAL)				
36412	MOHD HAFIZ BIN MOHD SAFIAN	3RD YEAR (UMP) (ELECTRICAL)				
36628 36434	MOHD HALIMI BIN HALIM MOHD HELMY BIN MOHAMAD	1ST YEAR (UMP) (ELECTRICAL) 1ST YEAR (UMP) (ELECTRICAL)				
36435	MOHD KHAIRUL BIN KOYAMANI					
	@ HASSAN	1ST YEAR (UMP) (ELECTRICAL)				
36548	MOHD SABHI BIN BACHOK	2ND YEAR (UMP) (ELECTRICAL)				
36589	MOHD SYAHMI BIN SHARIF	2ND YEAR (UMP) (ELECTRICAL)				
36393	MUHAMAD SYAMIM BIN TAUFIK	1ST YEAR (UMP) (ELECTRICAL)				
36623	MUHAMMAD AMIRUL ASYRAF BIN HAMIDON	1ST YEAR (UMP) (ELECTRICAL)				
36570	MUHAMMAD FATHI BIN HAMZAH	2ND YEAR (UMP) (ELECTRICAL)				
36639	MUHAMMAD HASBULLAH BIN IDRIS	1ST YEAR (UMP) (ELECTRICAL)				
36626	MUHAMMAD IZZAT BIN ZAKARIAH	1ST YEAR (UMP) (ELECTRICAL)				
36436	MUHAMMAD SUFFIAN BIN					
00000	MOHD ADNAN	1ST YEAR (UMP) (ELECTRICAL)				
36233 36597	NG JUN TING NOOR SUHADA BINTI AB RAZAK	1ST YEAR (UTM) (ELECTRICAL) 2ND YEAR (UMP) (ELECTRICAL)				
36565	NOR AFIDATUL ASNI BINTI SEMSUDIN	2ND YEAR (UMP) (ELECTRICAL)				
36408	NORFADILAH BINTI ZULKEFLI	1ST YEAR (UMP) (ELECTRICAL)				
36440	NURUL ATIKAH BINTI NASIR	1ST YEAR (UMP) (ELECTRICAL)				
36401	OMAR SALIM BIN ABDUL AZIZ	3RD YEAR (UMP) (ELECTRICAL)				
36564 36598	SALMAH BINTI MAHFUL SHAHRIZAL BIN ISKANDAR	2ND YEAR (UMP) (ELECTRICAL)				
30390	RIDHUAN	3RD YEAR (UMP) (ELECTRICAL)				
36411	SUMI MURNI BINTI ZAKARIA	2ND YEAR (UMP) (ELECTRICAL)				
36148	TENGKU MOHD SYAZWAN BIN					
	HAJI TUAN MAT	3RD YEAR (UTM) (ELECTRICAL)				
36631	UNIDA IZWANI BINTI MD DUN	1ST YEAR (UMP) (ELECTRICAL)				
36496 36195	VALLIAMMMAI A/P S. PALANIAPPAN VOON YANN PENG	1ST YEAR (UMP) (ELECTRICAL) 1ST YEAR (UTM) (ELECTRICAL)				
36603	WAN IKRAM BIN WAN ISMAIL	1ST YEAR (UMP) (ELECTRICAL)				
36188	YAU JIE YING	1ST YEAR (UTM) (ELECTRICAL)				
	ELECTR	ONIC				
20247						
36247 36438	ABDUL HALIM BIN ABD AZIZ ABROS NOORI BINTI ANUARDEEN	3RD YEAR (UTM) (ELECTRONIC) 4TH YEAR (UMP) (ELECTRONIC)				
36608	AHMAD FARIS BIN ZULKIFLI	4TH YEAR (UMP) (ELECTRONIC)				
36245	AHMAD FITRY BIN KAMARUZAMAN	3RD YEAR (UTM) (ELECTRONIC)				
36606	AHMAD HAZIQ BIN TARIF	4TH YEAR (UMP) (ELECTRONIC)				
36556	AMINURRASYID BIN ABAS	4TH YEAR (UMP) (ELECTRONIC)				
36246	AMIRUDIN BIN IBRAHIM	3RD YEAR (UTM) (ELECTRONIC)				
36605	AZMI ZAIDI BIN YUSOF CHAI CHOON HIAN	4TH YEAR (UMP) (ELECTRONIC) 2ND YEAR (UTM) (ELECTRONIC)				
36216 36222	CHEW CHIN LIANG	1ST YEAR (UTM) (ELECTRONIC)				
36149	CHEW JIN KHENG	1ST YEAR (UTM) (ELECTRONIC)				
36210	CHIAM KIM TAT	1ST YEAR (UTM) (ELECTRONIC)				
36609	CHIN SHEE YAN	4TH YEAR (UMP) (ELECTRONIC)				
36205	CHIONG KUNG SENG, EDWARD	1ST YEAR (UTM) (ELECTRONIC)				
36157	CHONG JIA FEI	2ND YEAR (UTM) (ELECTRONIC)				
36211 36599	CHONG MIN FUI, BENJAMIN CHONG SOON WOEI	1ST YEAR (UTM) (ELECTRONIC)				
36599 36566	CHONG SOON WOEI CHOU YONG LEE	1ST YEAR (UMP) (ELECTRONIC) 1ST YEAR (UMP) (ELECTRONIC)				
36617	EMI RAHAYU BINTI MAT NOOR	4TH YEAR (UMP) (ELECTRONIC)				
36499	ENTI NASHILA BINTI RIAZUDDIN	1ST YEAR(UMP) (ELECTRONIC)				
36192	FARAH ARINA BINTI ROSLI	1ST YEAR (UTM) (ELECTRONIC)				
36147	FARAH FATIHAH BINTI MOHAMAD JAFRI	1ST YEAR (UTM) (ELECTRONIC)				
36218	FARAH WAHIDA BINTI MAZI AN	1ST YEAR (UTM) (ELECTRONIC)				

#### ADMISSION THE GRADE OF STUDENT

	ADMISSION THE GR	
M'ship No	Name	Qualifications
36145	INTAN KAIRUNISA BINTI OTHMAN	1ST YEAR (UTM) (ELECTRONIC)
36206	IZNI HUSNA BINTI IDRIS	1ST YEAR (UTM) (ELECTRONIC)
36239	KHAIRUL AZIZOL BIN JAMIL	3RD YEAR (UTM) (ELECTRONIC)
36607	KHAIRUL IKHWAN BIN AB GHANI	3RD YEAR (UMP) (ELECTRONIC)
36498 36425	KHOR JING HUEY KUEK VEE CHUN. IVAN	4TH YEAR (UMP) (ELECTRONIC) 1ST YEAR (UMP) (ELECTRONIC)
36139	LAI KIEN YUNG	1ST YEAR (UTM) (ELECTRONIC)
36166	LANG TEE LONG	1ST YEAR (UTM) (ELECTRONIC)
36150	LAU KAH MENG	1ST YEAR (UTM) (ELECTRONIC)
36159	LEE CEN YANG	1ST YEAR (UTM) (ELECTRONIC)
36138 36151	LEE CHING HUI LEE UNG CHUAN	1ST YEAR (UTM) (ELECTRONIC) 2ND YEAR (UTM) (ELECTRONIC)
36248	LEONG KIT WAI	1ST YEAR (UTM) (ELECTRONIC)
36167	LIEW JEE TAH	1ST YEAR (UTM) (ELECTRONIC)
36170	LIEW YING YING	1ST YEAR (UTM) (ELECTRONIC)
35519	LIM LIEN TZE	4TH YEAR (UTAR) (ELECTRONIC)
36426		4TH YEAR (UMP) (ELECTRONIC)
36217 36442	MARHAINI BINTI MAT ZAWAWI MARIANI BINTI MOHAMED	1ST YEAR (UTM) (ELECTRONIC) 3RD YEAR (UMP) (ELECTRONIC)
36400	MARLIYANI BINTI OMAR	4TH YEAR (UMP) (ELECTRONIC)
36595	MOHAMAD ADHAM BIN AWANG	4TH YEAR (UMP) (ELECTRONIC)
36193	MOHAMAD AMZATUL AQMAL	
00000	BIN MOHD JUPRI	1ST YEAR (UTM) (ELECTRONIC)
36209 36252	MOHAMAD BIN NORDIN MOHAMAD SHAFIQ BIN YAHINI	2ND YEAR (UTM) (ELECTRONIC)
36227	MOHAMED NASRUN BIN OSMAN	1ST YEAR (UTM) (ELECTRONIC) 3RD YEAR (UTM) (ELECTRONIC)
36594	MOHAMMAD AZAMRIL NASIL	(,(),(),(,))
	BIN AHMAD JAMALUDIN	4TH YEAR (UMP) (ELECTRONIC)
35580	MOHAMMAD SOFEE BIN RAHMAT	4TH YEAR (UNITEN) (ELECTRONIC)
36571	MOHAMMAD SYAWALUDIN	
36424	SYAFIQ BIN HASSAN MOHD AFIQ BIN MAT NOOR	1ST YEAR (UMP) (ELECTRONIC) 3RD YEAR (UMP) (ELECTRONIC)
36572	MOHD AIZAT FAIZ BIN MOHD YAZID	4TH YEAR (UMP) (ELECTRONIC)
36632	MOHD AZLIN BIN SALLEHUDDIN	1ST YEAR (UMP) (ELECTRONIC)
36240	MOHD FADZLI BIN A GHANI	3RD YEAR (UTM) (ELECTRONIC)
36242	MOHD FAIZ BIN HASMI	3RD YEAR (UTM) (ELECTRONIC)
36244 36250	MOHD FARIZI BIN SUKORYOH MOHD FIKRI BIN MOHAMED	3RD YEAR (UTM) (ELECTRONIC)
36250	JAMATOLAIL	1ST YEAR (UTM) (ELECTRONIC)
36196	MOHD FIKRI HILMI BIN MOHD TAIB	1ST YEAR (UTM) (ELECTRONIC)
36614	MOHD HAAZIQ BIN MAT ZIN	4TH YEAR (UMP) (ELECTRONIC)
36443	MOHD HAZWAN BIN HASHIM	1ST YEAR (UMP) (ELECTRONIC)
36174	MOHD HIDIR BIN MOHD SALLEH	1ST YEAR (UTM) (ELECTRONIC)
36236 36234	MOHD KHAIRUL AZIZAT BIN JOHARI MOHD KHAZRILNIZAM BIN KHAMIS	3RD YEAR (UTM) (ELECTRONIC) 3RD YEAR (UTM) (ELECTRONIC)
36171	MOHD RIZUAN BIN MAT AMIN	1ST YEAR (UTM) (ELECTRONIC)
36645	MOHD ROSLI BIN JUSOH	3RD YEAR (UMP) (ELECTRONIC)
36165	MOHD SAIFUL BIN ABDUL RAZAK	1ST YEAR (UTM) (ELECTRONIC)
36420	MOHD SYAFIQ BIN MOHD FUAD	4TH YEAR (UMP) (ELECTRONIC) 4TH YEAR (UMP) (ELECTRONIC)
36592 36593	MOHD SYAMIL BIN MOHD SALLEH MUHAMAD AKMAL BIN ISHAK	4TH YEAR (UMP) (ELECTRONIC) 4TH YEAR (UMP) (ELECTRONIC)
36191	MUHAMMAD ADLAN BIN IZAM	1ST YEAR (UTM) (ELECTRONIC)
36164	MUHAMMAD AMIR ARIF BIN	
	AHMAD FUAD	1ST YEAR (UTM) (ELECTRONIC)
36249	MUHAMMAD AZFAR BIN ABDULLAH MUHAMMAD FAHMI BIN MOHD FAUDZI	3RD YEAR (UTM) (ELECTRONIC)
36172 36235	MUHAMMAD HAMISOLIHIN BIN ISMAIL	1ST YEAR (UTM) (ELECTRONIC) 3RD YEAR (UTM) (ELECTRONIC)
36194	MUHAMMAD HANAFI BIN MOHAMAD	1ST YEAR (UTM) (ELECTRONIC)
36173	MUHAMMAD HAZMI BIN MOKHTAR	1ST YEAR (UTM) (ELECTRONIC)
36237	MUHAMMAD HAZWAN	
36590	ZULFADHLI BIN MOHD ZULKIFLI MUHAMMAD IKHWAN BIN IZHAR	3RD YEAR (UTM) (ELECTRONIC)
36143	MUHAMMAD ISHAK BIN ABDUL SUKUR	1ST YEAR (UMP) (ELECTRONIC) 1ST YEAR (UTM) (ELECTRONIC)
36251	MUHAMMAD NORFITRI BIN MD BAKIM	1ST YEAR (UTM) (ELECTRONIC)
36160	MUHAMMAD RASHID BIN JIMIN	1ST YEAR (UTM) (ELECTRONIC)
36432	MUHAMMAD RAZIF BIN NOOR AZAM	1ST YEAR (UMP) (ELECTRONIC)
36144 36223	MUHAMMAD ZULHAFIZ BIN HAMIDUN NABILA BINTI SA'AT	1ST YEAR (UTM) (ELECTRONIC) 3RD YEAR (UTM) (ELECTRONIC)
36625	NADIATHUL RAIHANA BINTI ISMAIL	4TH YEAR (UMP) (ELECTRONIC)
36163	NATASYA ATHIRAH BINTI ABDUL	
	KHALID	1ST YEAR (UTM) (ELECTRONIC)
36189	NG TEIK HUAT	1ST YEAR (UTM) (ELECTRONIC)
36158 36142	NG WEI CHONG NG XIN MENG, STEVEN	1ST YEAR (UTM) (ELECTRONIC) 1ST YEAR (UTM) (ELECTRONIC)
36208	NIK MASNI MAIZATU AKMAL	IST TEAR (UTW) (ELECTRONIC)
	BINTI NIK ABD MAJID	2ND YEAR (UTM) (ELECTRONIC)
36403	NINA NAISHA BINTI SUHAIMI	3RD YEAR (UMP) (ELECTRONIC)
36439	NOOR HAZREEN BINTI SUTOMOH	3RD YEAR (UMP) (ELECTRONIC)
36224 36221	NOOR REDZUAN BIN SULAIMAN NOR ADIBAH BINTI IBRAHIM	1ST YEAR (UTM) (ELECTRONIC)
36169	NOR ADIBAH BINTI CHE HASSAN	2ND YEAR (UTM) (ELECTRONIC) 1ST YEAR (UTM) (ELECTRONIC)
36226	NOR SALEHAH BINTI MUKLAS	3RD YEAR (UTM) (ELECTRONIC)
36155	NORSURAYA BINTI RADZUAN	1ST YEAR (UTM) (ELECTRONIC)
36561	NUR HAMIMAH BINTI YUSOP	3RD YEAR (UMP) (ELECTRONIC)
36406 36213	NUR 'IFFAH BINTI MOHAMED AZMI NUR IZYANI BINTI DZULKIPLI	3RD YEAR (UMP) (ELECTRONIC) 2ND YEAR (UTM) (ELECTRONIC)
36253	NUR LIYANA BINTI MOHD SUYUT	1ST YEAR (UTM) (ELECTRONIC)
36199	NUR SAKINAH BINTI ROSLAI	1ST YEAR (UTM) (ELECTRONIC)
36190	NUR ZYAHIRA BINTI ZAINAL	1ST YEAR (UTM) (ELECTRONIC)
36560	NURAIN BINTI SHAMSUDIN	3RD YEAR (UMP) (ELECTRONIC)
36627 36402	NURLIYANA BINTI MOHD JOHARI NURUL IZZATI BINTI PANDAK JABO	4TH YEAR (UMP) (ELECTRONIC) 3RD YEAR (UMP) (ELECTRONIC)
00702	NONCE LEASE DIGHT AND AN JADO	

# MEMBERSHIP

1ST YEAR (UTM) (ELECTRONIC)

1ST YEAR (UMP) (ELECTRONIC)

1ST YEAR (UTM) (ELECTRONIC) 2ND YEAR (SWINBURNE) (ELECTRONIC) 3RD YEAR (UTM) (ELECTRONIC) 4TH YEAR (UMP) (ELECTRONIC) 4TH YEAR (UMP) (ELECTRONIC) 1ST YEAR (UMP) (ELECTRONIC) 1ST YEAR (UMP) (ELECTRONIC)

FARAH WAHIDA BINTI MAZLAN

HA HENG YEU, ALEX HAJAR BINTI JA'AFAR HANI SYAIRAH BINTI AZMAN HAZLAN BIN MD ROSDAN HAZWANI BINTI JAFFAR

HA HENG YEU, ALEX

HENG POH CHAI

HENG POH XUAN

36218

35516

36413

	ADMISSION THE GR	ADE OF STUDENT		ADMISSION THE GR	ADE OF STUDENT
M'ship No	Name	Qualifications	M'ship No	Name	Qualifications
36154	NURUL SAZANA BINTI MOHD AZRI	1ST YEAR (UTM) (ELECTRONIC)	36665	AZLAN BIN HAPIP	2ND YEAR (UPM) (MECHANICAL)
36629 36405	NURULHUDA BINTI NGASIMAN NUSAIBAH BINTI MOHD NOR	3RD YEAR (UMP) (ELECTRONIC) 4TH YEAR (UMP) (ELECTRONIC)	35755	AZREEN EZHAM BIN ANWAR WAJDI	3RD YEAR (UTM) (MECHANICAL)
36241	PAK SIAU WEI	1ST YEAR (UTM) (ELECTRONIC)	35409 36672	AZRUL ISKANDAR BIN ABDULLAH AZZAHIR BIN RAZALI	1ST YEAR (UITM) (MECHANICAL) 2ND YEAR (UPM) (MECHANICAL)
35935	POH ENG FONG	2ND YEAR (CURTIN) (ELECTRONIC)	36502	BANGIT ANAK GRUNSIN	4TH YEAR (UMP) (MECHANICAL)
36228	QUEK YEONG HUA	1ST YEAR (UTM) (ELECTRONIC)	35785	BIBI AMINAH BINTI HJ KADAVATHU	
36410	RABI'ATUL ADAWIYAH BINTI MUSTAFA	4TH YEAR (UMP) (ELECTRONIC)		ABDULLAH	1ST YEAR (UTM) (MECHANICAL)
36621 36168	RAYHANA BINTI ABD WALID RINA BINTI ANUAR	3RD YEAR (UMP) (ELECTRONIC)	35764	BOO KOON YAN	1ST YEAR (UTM) (MECHANICAL)
36153	ROZANA BINTI ROZAN	1ST YEAR (UTM) (ELECTRONIC) 1ST YEAR (UTM) (ELECTRONIC)	36686 36702	CHAI CHIN LING CHAM KHANG KHAI	2ND YEAR (UPM) (MECHANICAL) 2ND YEAR (UPM) (MECHANICAL)
36183	SAIFUL HAZIQ BIN AHMAD SHAFIAI	1ST YEAR (UTM) (ELECTRONIC)	35766	CHAN YOON TIM	3RD YEAR (UTM) (MECHANICAL)
36500	SHARON PETERUS	4TH YEAR (UMP) (ELECTRONIC)	35832	CHAN YUAN HUA	1ST YEAR (UTM) (MECHANICAL)
36428	SITI AISYAH BINTI MASTUKI	3RD YEAR (UMP) (ELECTRONIC)	35862	CHE RUKMALHAKIMI BIN CHE RAHIM	4TH YEAR (UTM) (MECHANICAL)
36207 36198	SITI AZURAH BINTI IBRAHIM SITI HABSAH BINTI IBRAHIM	2ND YEAR (UTM) (ELECTRONIC) 1ST YEAR (UTM) (ELECTRONIC)	35476	CHE ZAIDI BIN MUHAMAD @	
36392	SITI HANUM SURYA BINTI IBRAHIM	3RD YEAR (UMP) (ELECTRONIC)	36505	CHE HASHIM CHEN CHOY YUEN	1ST YEAR (UITM) (MECHANICAL) 3RD YEAR (UMP) (MECHANICAL)
36200	SITI NAIMAH BINTI MOHAMMED LOTFI	1ST YEAR (UTM) (ELECTRONIC)	35936	CHENG YEW HOONG	1ST YEAR (MALAYA) (MECHANICAL)
36624	SITI NANI BINTI ALIMUDDIN	3RD YEAR (UMP) (ELECTRONIC)	35583	CHEONG YUN KIM	3RD YEAR (UNITEN) (MECHANICAL)
36225	SITI NOR DAYANA BINTI AZIZI	3RD YEAR (UTM) (ELECTRONIC)	36519	CHEW CHUN CHI	4TH YEAR (UMP) (MECHANICAL)
36180 36429	SITI NUR ANIS BINTI SUKITO SUHAIDA BINTI SUFIAN	1ST YEAR (UTM) (ELECTRONIC) 3RD YEAR (UMP) (ELECTRONIC)	35795	CHIA XING NIAN	1ST YEAR (UTM) (MECHANICAL)
36156	TAN HENG LIANG	1ST YEAR (UTM) (ELECTRONIC)	35830 35750	CHIENG KAI HUA CHIEW KUE PING	1ST YEAR (UTM) (MECHANICAL) 1ST YEAR (UTM) (MECHANICAL)
36238	TAN JINN LI	1ST YEAR (UTM) (ELECTRONIC)	36694	CHIN JON KIT	2ND YEAR (UPM) (MECHANICAL)
36140	TAN KIAN EE	1ST YEAR (UTM) (ELECTRONIC)	35768	CHONG KIAN WEI	3RD YEAR (UTM) (MECHANICAL)
36141	TEOH SHING FONG	1ST YEAR (UTM) (ELECTRONIC)	36693	CHONG YEW FU	2ND YEAR (UPM) (MECHANICAL)
36229 36497	TEY WEI KANG THANACHELVAN A/L RAJAN	1ST YEAR (UTM) (ELECTRONIC) 1ST YEAR (UMP) (ELECTRONIC)	35864	CHOO SHYH JING	1ST YEAR (UTM) (MECHANICAL)
36201	THIEN YU CHAN	1ST YEAR (UTM) (ELECTRONIC)	36664 35940	CHUA JIA CHYAU DATU FIRZADA BIN DATU HARUN	2ND YEAR (UPM) (MECHANICAL) 3RD YEAR (NOTTINGHAM) (MECHANICAL)
36230	TI BEI HUANG	1ST YEAR (UTM) (ELECTRONIC)	35886	EDGHAM SYAHMIR BIN ABD HARIS	3RD YEAR (UTM) (MECHANICAL)
36175	TING JECK MING, ANTHONY	1ST YEAR (UTM) (ELECTRONIC)	35463	ERZAT HARRIS SUFFIAN BIN	
36399	UMMI KALSOM BINTI NOOR DIN	4TH YEAR (UMP) (ELECTRONIC)		AHMAD KAMAL	1ST YEAR (UITM) (MECHANICAL)
36407 36231	WAN NAJWA BINTI WAN ISMAIL WONG AI LING, AMY	1ST YEAR (UMP) (ELECTRONIC) 1ST YEAR (UTM) (ELECTRONIC)	36510	EZZAD BIN EZANI	1ST YEAR (UMP) (MECHANICAL)
36501	WONG HUI JIEK	4TH YEAR (UMP) (ELECTRONIC)	35780	FAHRI SYAFIAWAN BIN CHAMIM ACHMADI	3RD YEAR (UTM) (MECHANICAL)
36212	WONG JUNG JIE, GABRIEL	1ST YEAR (UTM) (ELECTRONIC)	35813	FAIZUL FITRI BIN HAMDAN	3RD YEAR (UTM) (MECHANICAL)
36219	YEOH SIOK HOU	1ST YEAR (UTM) (ELECTRONIC)	35863	FARAHAN ATIQAH BINTI ZAINI	1ST YEAR (UTM) (MECHANICAL)
35591	YEW WENG KEAN	1ST YEAR (UNITEN) (ELECTRONIC)	35407	FATMA ARINA BINTI JAAFFAR	1ST YEAR (UITM) (MECHANICAL)
36215	YONG CHIN LOONG, FELIX	1ST YEAR (UTM) (ELECTRONIC)	35779	GEOK WEI MING	1ST YEAR (UTM) (MECHANICAL)
35515 36204	YUVARAJ A/L ANNATHURAI ZAIHASMIRA BINTI ISMAIL	4TH YEAR (UNISEL) (ELECTRONIC) 1ST YEAR (UTM) (ELECTRONIC)	35777 35728	HABIBAH BINTI OTHMAN HAFIZAZLI BIN SHAHROLPILEH	3RD YEAR (UTM) (MECHANICAL)
36421	ZAKARIA BIN ABDUL RAHMAN	4TH YEAR (UMP) (ELECTRONIC)	55726	@ BAHARUDIN	1ST YEAR (UTM) (MECHANICAL)
36430	ZUL RASYIED BIN AB RASAT	1ST YEAR (UMP) (ELECTRONIC)	35847	HAFIZUL AIZAD BIN KAMARUZZAMAN	4TH YEAR (UTM) (MECHANICAL)
	MANUFAC		35398	HAFIZZAN BIN AHMAD	1ST YEAR (UITM) (MECHANICAL)
00400	-		35866	HAIREL AMRI BIN NAFIAH	1ST YEAR (UTM) (MECHANICAL)
36468 36450	KOO CHWEE YANG, NELTON MUMTAZ BINTI NORMAN	1ST YEAR (UMP) (MANUFACTURING) 1ST YEAR (UMP) (MANUFACTURING)	36671 35406	HANIF BIN HAJI ZAINUDDIN HANIM SYAFINAZ BINTI MD SALIM	2ND YEAR (UPM) (MECHANICAL) 1ST YEAR (UITM) (MECHANICAL)
36469	HIDAYAH BINTI HASHIM	1ST YEAR (UMP) (MANUFACTURING)	35394	HASBULLAH BIN ISMAIL	1ST YEAR (UITM) (MECHANICAL)
	MECHAN		36636	HASSAN BIN MUDA	3RD YEAR (UMP) (MECHANICAL)
			35811	HATTAH BIN TALANI	1ST YEAR (UTM) (MECHANICAL)
35468	ABDUL HANIP BIN MOHD RAZALI	1ST YEAR (UITM) (MECHANICAL)	35475 36643	HAZRIL ADLEEN BIN HAMZAH HAZWAN AIZAT BIN MOHAMED	1ST YEAR (UITM) (MECHANICAL)
35752 35400	ABDUL RAHMAN BIN ABDUL HALIM ABDUL RAHMAN BIN CHE ANI	3RD YEAR (UTM) (MECHANICAL) 1ST YEAR (UITM) (MECHANICAL)	50045	HUSSIN	4TH YEAR (UMP) (MECHANICAL)
35486	ABDUL WAFAA NASUHA BIN		35798	HEAH YEW KUING	1ST YEAR (UTM) (MECHANICAL)
	ABDUL AZIZ	1ST YEAR (UITM) (MECHANICAL)	35897	HENG CHEAN HONG	1ST YEAR (UTM) (MECHANICAL)
36504	ABDULLAH BIN MUHAMAD NAWI	1ST YEAR (UMP) (MECHANICAL)	35769	HIA HONG TEIK	1ST YEAR (UTM) (MECHANICAL)
35815	ABDUSSYAKUR BIN ABD WAHAB	3RD YEAR (UTM) (MECHANICAL) 1ST YEAR (UTM) (MECHANICAL)	35582 36520	H'NG HUEY SUN HONG KIM SOON	4TH YEAR (UNITEN) (MECHANICAL) 4TH YEAR (UMP) (MECHANICAL)
35882 35765	ABU HAMSAH BIN BUAH ABU HASSAN BIN MOKSEN	1ST YEAR (UTM) (MECHANICAL)	36454	HUE WEI JY	3RD YEAR (UMP) (MECHANICAL)
35445	ABU KHAIRI BIN MOHD ABSAH	1ST YEAR (UITM) (MECHANICAL)	35393	IBNU AULIA RAMDANI BIN RIZAL	1ST YEAR (UITM) (MECHANICAL)
36684	ADHITOMO SULISTYO	2ND YEAR (UPM) (MECHANICAL)	35514	IQBAL HANNIS BIN MOHD NAZALI	1ST YEAR (UITM) (MECHANICAL)
35796	ADI KELANA BIN AHMAD KHAN	1ST YEAR (UTM) (MECHANICAL)	35812 35449	ISMASYARIFF BIN SALLEH IZZAIDAH BINTI OSMAN	3RD YEAR (UTM) (MECHANICAL) 1ST YEAR (UITM) (MECHANICAL)
35422 35434	ADZURA BINTI MD NOOR AFI BIN HALIM	1ST YEAR (UITM) (MECHANICAL) 1ST YEAR (UITM) (MECHANICAL)	35456	IZZAIDAH BINTI USMAN	1ST YEAR (UITM) (MECHANICAL)
36534	AFIQ BIN HAMDAN	4TH YEAR (UMP) (MECHANICAL)	36676	KAMAL FAWWAZ BIN MUHAMAD	2ND YEAR (UPM) (MECHANICAL)
36384	AFIQ ZAINORUL BIN ZAINAL	3RD YEAR (UMP) (MECHANICAL)	35464	KAMARUL AFIQ BIN KAMARUDDIN	1ST YEAR (UITM) (MECHANICAL)
36535	AHMAD FAIZ BIN ROSLAN	4TH YEAR (UMP) (MECHANICAL)	36679	KAMRUL AZWAN BIN AHMAD	2ND YEAR (UPM) (MECHANICAL)
35746 35760	AHMAD FUAD BIN LINGAH AHMAD IRSYAD BIN AHMAD AZIZUDDIN	1ST YEAR (UTM) (MECHANICAL) 1ST YEAR (UTM) (MECHANICAL)	35467 36786	KASYFIL AZIZ BIN MOHD ZAID KHAIRIL BIN AZMAN	1ST YEAR (UITM) (MECHANICAL) 4TH YEAR (UTeM) (MECHANICAL)
36385	AHMAD KHAIRUL HAFIZI BIN WAHAB	3RD YEAR (UMP) (MECHANICAL)	35826	KHAIRUL AKMAL BIN NUSI	3RD YEAR (UTM) (MECHANICAL)
36642	AHMAD MUHAIMIN BIN ISMAIL	1ST YEAR (UMP) (MECHANICAL)	35483	KHAIRUL ANWAR BIN ATEH	1ST YEAR (UITM) (MECHANICAL)
35757	AHMAD NAJMIE BIN RUSLI	4TH YEAR (UTM) (MECHANICAL)	35505	KHAIRUR RAHMAN BIN	
35867	AHMAD RUZAINI BIN ZAINAN	3RD YEAR (UTM) (MECHANICAL)	26706		1ST YEAR (UITM) (MECHANICAL)
36704 35877	AHMAD SHAHIDIN BIN SHAHRIN AHMAD SYAFIQ BIN AB LAH	2ND YEAR (UPM) (MECHANICAL) 1ST YEAR (UTM) (MECHANICAL)	36706 36669	KHO CHUEN CHEONG KOH HUEY FANG	2ND YEAR (UPM) (MECHANICAL) 2ND YEAR (UPM) (MECHANICAL)
35819	AHMAD STAFIQ BIN AB LAH	3RD YEAR (UTM) (MECHANICAL)	35763	KOH KAI SENG	1ST YEAR (UTM) (MECHANICAL)
35736	AHMAD SYUKRI BIN KAMARUDIN	1ST YEAR (UTM) (MECHANICAL)	35833	KOO TZE MINN, NICHOLAS	1ST YEAR (UTM) (MECHANICAL)
36382	AIDA AZWA BINTI A HALIM	1ST YEAR (UMP) (MECHANICAL)	35401	KU MUHAMMAD RIDZUAN BIN KU SUID	
35896	AKMAL BIN ABDULLAH	3RD YEAR (UTM) (MECHANICAL)	35941 36537	KUNASEGARAN A/L MUNUSAMY	3RD YEAR (UTM) (MECHANICAL)
36507 35508	AMEER FAREZ BIN AMRE AMER SOFFIAN BIN SOKHINI	1ST YEAR (UMP) (MECHANICAL) 1ST YEAR (UITM) (MECHANICAL)	36537 36680	LAI WOON SHYZ LEE CHOR SENG	1ST YEAR (UMP) (MECHANICAL) 2ND YEAR (UPM) (MECHANICAL)
35508	AMER SOFFIAN BIN SOKHINI AMERUL FARHAN BIN AMRI	1ST YEAR (UITM) (MECHANICAL)	35912	LEE ENG MING	3RD YEAR (UTM) (MECHANICAL)
35773	AMIR HAMZAH BIN SAMSUDIN	1ST YEAR (UTM) (MECHANICAL)	35725	LEE KEE QUEN	1ST YEAR (UTM) (MECHANICAL)
35482	AMIR REDZUAN BIN MOHD IBRAHIM	1ST YEAR (UITM) (MECHANICAL)	35892	LILY LAW KUI KIAN	1ST YEAR (UTM) (MECHANICAL)
36576	AMIRUL AZFAR BIN ELIAS	1ST YEAR (UMP) (MECHANICAL)	36687 35520	LIM FONG SHAN LIM HWEI CHING	2ND YEAR (UPM) (MECHANICAL) 2ND YEAR (CURTIN) (MECHANICAL)
36615 35478	AMIRUL BIN RAMLAN ANATI BINTI ABD AZIZ	1ST YEAR (UMP) (MECHANICAL) 1ST YEAR (UITM) (MECHANICAL)	35520	LIM KIM HOCK	1ST YEAR (UTM) (MECHANICAL)
36503	ANG LIQI	4TH YEAR (UMP) (MECHANICAL)	36682	LIYANA BINTI SAARI	2ND YEAR (UPM) (MECHANICAL)
35418	ANGELA ANAK GUNGGU	1ST YEAR (UITM) (MECHANICAL)	36452	LO WEI HOU	1ST YEAR (UMP) (MECHANICAL)
35453	AREZ ATHARI BIN HAMDAN	1ST YEAR (UITM) (MECHANICAL)	35739	LOH KIM CHOON	1ST YEAR (UTM) (MECHANICAL)
36383	ASRUL BASRI BIN AZMI	4TH YEAR (UMP) (MECHANICAL)	35879 35856	LOH SHENG KEONG LOW SIN WANG	1ST YEAR (UTM) (MECHANICAL)
35756 35808	ASSWADI BIN AHMAD ASYRAF ALIFF BIN AMIR	4TH YEAR (UTM) (MECHANICAL) 3RD YEAR (UTM) (MECHANICAL)	35856 35772	LUW SIN WANG LUQMAN HAKIM BIN MOHD ROSLAN	1ST YEAR (UTM) (MECHANICAL) 3RD YEAR (UTM) (MECHANICAL)
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l'ship No	Name	Qualifications	M'ship No	Name	Qualification
35806	MARHAYATI BINTI ABDUL HAMID	3RD YEAR (UTM) (MECHANICAL)	35741	MOHD HAFIZI BIN SAFIEE	3RD YEAR (UTM) (MECHANICAL
35448	MASLINDA BINTI SAIDIN	1ST YEAR (UITM) (MECHANICAL)	35473	MOHD HAFIZULHAKIMI BIN MAT TAIB	1ST YEAR (UITM) (MECHANICAL
35850	MASLIZATUL SHAFIRA BINTI MANSOR	2ND YEAR (UTM) (MECHANICAL)			
			35881	MOHD HAIRI BIN MD JALI	3RD YEAR (UTM) (MECHANICAL
5438	MD ASNAN BIN ABD RAHMAN	1ST YEAR (UITM) (MECHANICAL)	36637	MOHD HANAFFI BIN OTHMAN	2ND YEAR (UPM) (MECHANICA
5430	MD KHAIRUDDIN BIN MINHAT	1ST YEAR (UITM) (MECHANICAL)	35791	MOHD HANIF BIN OMAR	3RD YEAR (UTM) (MECHANICAL
5426	MIOR AHMAD AFZAL BIN		36708	MOHD HAREZ BIN IBRAHIM	2ND YEAR (UPM) (MECHANICAI
	AHMAD MUSTAZA	1ST YEAR (UITM) (MECHANICAL)	36586	MOHD HAZWAN SYAFIQ BIN HARUN	1ST YEAR (UMP) (MECHANICAL
5454	MOHAMAD AFIQ BIN MD YUSUF	1ST YEAR (UITM) (MECHANICAL)	36451	MOHD HIZAM BIN MOHD NOOR	2ND YEAR (UMP) (MECHANICA
5462	MOHAMAD ALZAHARI BIN HAJI		35509	MOHD HUSAIDI BIN MUKHTAR	1ST YEAR (UITM) (MECHANICAI
	MAT SALLEH	1ST YEAR (UITM) (MECHANICAL)	36785	MOHD IHSAN BIN HUSSIN	4TH YEAR (UTeM) (MECHANICA
6640	MOHAMAD AZMAN BIN PONIRAN	1ST YEAR (UMP) (MECHANICAL)	35883	MOHD ISMAIL BIN YUSOFF	4TH YEAR (UTM) (MECHANICAL
35820	MOHAMAD FAIZ BIN MASNAN	3RD YEAR (UTM) (MECHANICAL)	35781	MOHD IZAAT BIN ROSLAN LAU	1ST YEAR (UTM) (MECHANICAL
35492	MOHAMAD FAUZI BIN MD SHARIFF	1ST YEAR (UITM) (MECHANICAL)	36635	MOHD IZUL ASLAM BIN MOHD KHALIT	1ST YEAR (UMP) (MECHANICAL
35824	MOHAMAD HAEKAL BIN AZMI	1ST YEAR (UTM) (MECHANICAL)		MOHD IZWAN BIN CHE AMAT	
35829	MOHAMAD HAFIZI BIN SAZALI		35414	-	1ST YEAR (UITM) (MECHANICAI
		1ST YEAR (UTM) (MECHANICAL)	36581	MOHD KHAIRI BIN MOHD NOOR	3RD YEAR (UMP) (MECHANICA
5821	MOHAMAD HELMI AMRI BIN KASMURI	3RD YEAR (UTM) (MECHANICAL)	35751	MOHD KHAIRI HASLAMIA BIN	
35461	MOHAMAD HIDAYAT BIN HASAN			MAT RIPIN	3RD YEAR (UTM) (MECHANICAL
	BASARI	1ST YEAR (UITM) (MECHANICAL)	35801	MOHD KHAIROL HISAM BIN WAHAB	1ST YEAR (UTM) (MECHANICAL
35797	MOHAMAD IZWANDI BIN HUSSAIN	1ST YEAR (UTM) (MECHANICAL)	36374	MOHD KHAIRUL ANUAR BIN IDRIS	FINAL YEAR (UMP) (MECHANIC
6558	MOHAMAD JAZMIR HASSAN BIN		35518	MOHD KHAIRUL BIN SULAIMAN	3RD YEAR (IUCTT) (MECHANIC
	MOHAMED	1ST YEAR (UMP) (MECHANICAL)	35831	MOHD KHAIRULHISHAM BIN NORUDDIN	1ST YEAR (UTM) (MECHANICAL
5416	MOHAMAD KHAIRUL BIN 'ADHZAM	1ST YEAR (UITM) (MECHANICAL)	35817	MOHD LUQMAN HALIM BIN MAHSHAR	3RD YEAR (UTM) (MECHANICAI
6387	MOHAMAD LUQMAN ZAKI BIN				
10307	MONSARIF	1ST YEAR (UMP) (MECHANICAL)	35734	MOHD MAZLAN BIN MAT ANI	2ND YEAR (UTM) (MECHANICAI
E 40E		IST TEAR (UNIF) (INECHANICAL)	35887	MOHD NAAIM BIN ABD RAHMAN	3RD YEAR (UTM) (MECHANICAL
35485	MOHAMAD MUAZAM BIN		36695	MOHD NASHRIQ IDHAM BIN ABD KHANY	2ND YEAR (UPM) (MECHANICAI
	MOHAMAD MAHARUM	1ST YEAR (UITM) (MECHANICAL)	35732	MOHD NAZLI BIN MOHAMAD NASIR	3RD YEAR (UTM) (MECHANICAL
36678	MOHAMAD NOOR FIRDAUS		35397	MOHD NAZRI BIN SUHAIMI	1ST YEAR (UITM) (MECHANICAI
	BIN MOHAMAD ARSHAD	2ND YEAR (UPM) (MECHANICAL)	36370	MOHD NORDIN BIN ZAZALLI	4TH YEAR (UMP) (MECHANICAL
5729	MOHAMAD NOR AZIZI BIN ABDUL MANAF	1ST YEAR (UTM) (MECHANICAL)	35504	MOHD NORHAFIZAL BIN MUHAMAD	1ST YEAR (UITM) (MECHANICA
5828	MOHAMAD NUR FIRDAUS BIN	,	35860	MOHD NORHAN BIN MOHAMMAD PUHAT	1ST YEAR (UTM) (MECHANICAL
	MOHD ZAIN	1ST YEAR (UTM) (MECHANICAL)		MOHD REDZA BIN ABDUL RAZAK	4TH YEAR (UMP) (MECHANICAL
5788	MOHAMAD SADIQ BIN AB HAMID	1ST YEAR (UTM) (MECHANICAL)	36389		
357.00 35894	MOHAMAD SADIQ BIN AB HAMID MOHAMAD SHAH RIZAL BIN AMIT	4TH YEAR (UTM) (MECHANICAL)	35759	MOHD ROSLAN BIN SAID	3RD YEAR (UTM) (MECHANICAL
		41H YEAR (UTM) (MECHANICAL)	35497	MOHD SALEHUDDIN BIN ABD LATIF	1ST YEAR (UITM) (MECHANICAI
35854	MOHAMAD SHAHRIL SYAFIQ BIN		35827	MOHD SANUSI BIN ZAKARIA	2ND YEAR (UTM) (MECHANICAI
	MOHAMAD YUSOFF	1ST YEAR (UTM) (MECHANICAL)	36587	MOHD SHAFAWI BIN CHE IBRAHIM	1ST YEAR (UMP) (MECHANICAL
35460	MOHAMAD SYAHIR BIN AZHARI	1ST YEAR (UITM) (MECHANICAL)	35435	MOHD SHAHRIN AZRI BIN MISBAH	1ST YEAR (UITM) (MECHANICA
35835	MOHAMAD SYAIFUL HAZNIZAM		35465	MOHD SHAKRAN BIN ABDULLAH	1ST YEAR (UITM) (MECHANICAL
	BIN MOHAMAD HATTA	4TH YEAR (UTM) (MECHANICAL)	35792	MOHD SHAZNIE BIN MD RADZI	3RD YEAR (UTM) (MECHANICAL
35762	MOHAMED SEROLEH BIN OSMAN	4TH YEAR (UTM) (MECHANICAL)	35834	MOHD SHAZUAN BIN MAZLAN	1ST YEAR (UTM) (MECHANICAL
35888	MOHAMMAD AIMAN BIN ARIFFIN	3RD YEAR (UTM) (MECHANICAL)	35433	MOHD SHUKRI BIN SUPAR @ SARPAN	1ST YEAR (UITM) (MECHANICAL
35783	MOHAMMAD AZMAN BIN ABDULLAH	1ST YEAR (UTM) (MECHANICAL)			
	MOHAMMAD FAIZ BIN AHAMAD		35742	MOHD SUFIAN BIN MOHAMAD	1ST YEAR (UTM) (MECHANICAL
35878		1ST YEAR (UTM) (MECHANICAL)	35474	MOHD SUZAHAM BIN SUKIMAN	1ST YEAR (UITM) (MECHANICAI
35443	MOHAMMAD FARID BIN HAIRUDIN	1ST YEAR (UITM) (MECHANICAL)	35818	MOHD SYAHIR BIN HJ MOHD YUSOF	3RD YEAR (UTM) (MECHANICAL
36591	MOHAMMAD FIRDAUS BIN SHAMSUDIN	4TH YEAR (UMP) (MECHANICAL)	35789	MOHD SYAZWAN AZRI BIN HUSSIN	3RD YEAR (UTM) (MECHANICAL
35814	MOHAMMAD HAZMAN BIN AZMI	3RD YEAR (UTM) (MECHANICAL)	35428	MOHD SYAZWAN BIN HAJI ISMAIL	1ST YEAR (UITM) (MECHANICA
35507	MOHAMMAD OMMAR BIN MD YUSOF	1ST YEAR (UITM) (MECHANICAL)	36574	MOHD ZAMRI BIN MOHD KAMA	1ST YEAR (UMP) (MECHANICAL
36673	MOHAMMAD SYAZUAN BIN		35794	MOHD ZUL FITREY BIN MOHD SHOBRI	1ST YEAR (UTM) (MECHANICAL
	AHMAD ZUKI	2ND YEAR (UPM) (MECHANICAL)	35498	MOHD ZULFADLI BIN ABU HASSAN	1ST YEAR (UITM) (MECHANICAI
35848	MOHAMMAD ZULAFIF BIN RAHIM	3RD YEAR (UTM) (MECHANICAL)	35427	MOHD ZULFADLI BIN MOHAMAD	
35581	MOHANRAJ A/L KUMARASON	3RD YEAR (UNITEN) (MECHANICAL)	55421	IZARAEE	
		1ST YEAR (UITM) (MECHANICAL)			1ST YEAR (UITM) (MECHANICAI
35481	MOHD ABROR BIN IBRAHIM	TST YEAR (UTIM) (MECHANICAL)	35837	MOHD ZULHILMI BIN ZAINUDDIN	3RD YEAR (UTM) (MECHANICAI
35745	MOHD ABU HASSAN AL-HAFIZ		35479	MUHAIMIN BIN MUSTAPHA	1ST YEAR (UITM) (MECHANICAI
	BIN MOHD DAIM	3RD YEAR (UTM) (MECHANICAL)	35412	MUHAMAD AL-HAFIQ BIN RUSZALI	1ST YEAR (UITM) (MECHANICAI
35413	MOHD AFFNAN BIN MAT NOOR	1ST YEAR (UITM) (MECHANICAL)	36677	MUHAMAD AZIEDI BIN AZLAN	2ND YEAR (UPM) (MECHANICAI
36699	MOHD AKMAL BIN MOHD ROSELY	2ND YEAR (UPM) (MECHANICAL)	36641	MUHAMAD AZMAN BIN MOHD YAMIN	1ST YEAR (UMP) (MECHANICAL
35845	MOHD ALIFF BIN MOHD MOKHTAR	1ST YEAR (UTM) (MECHANICAL)	35466	MUHAMAD FAHMI BIN ABDULL RAHIM	1ST YEAR (UITM) (MECHANICAI
35431	MOHD AMINUDDIN BIN RAMLI	1ST YEAR (UITM) (MECHANICAL)	35822	MUHAMAD FIKRI BIN MOHAMED	
35775	MOHD AMIRUL AFFENDY BIN AHMAD	1ST YEAR (UTM) (MECHANICAL)		FAUZI	3RD YEAR (UTM) (MECHANICAI
36508	MOHD AMIRUL HUSAINI BIN SAAT	1ST YEAR (UMP) (MECHANICAL)	35501	MUHAMAD FIRDAUS BIN MD SOKOR	1ST YEAR (UITM) (MECHANICAL
36373	MOHD AMIRUZAMIN BIN MOHD SHAUFI	4TH YEAR (UMP) (MECHANICAL)	35784	MUHAMAD HANAFI BIN	
	MOHD ARIF BIN SHAMSUDDIN	1ST YEAR (UTM) (MECHANICAL)	337.04		
5776			00565	MOHAMED ZAIN	3RD YEAR (UTM) (MECHANICAI
5450	MOHD ARIF NAJMI BIN ALIAS	1ST YEAR (UITM) (MECHANICAL)	36582	MUHAMAD HANIF BIN MUHAMAD	1ST YEAR (UMP) (MECHANICAL
5469	MOHD ARIFF BIN MD SULAIMAN	1ST YEAR (UITM) (MECHANICAL)	36719	MUHAMAD HILMEE BIN IBRAHIM	3RD YEAR (UITM) (MECHANICA
6784	MOHD ASHRAFF BIN MOHD SANUSI	2ND YEAR (CARDIFF) (MECH)	35415	MUHAMAD HILMIE BIN ABD	
35437	MOHD ASMADI BIN ABDULLAH	1ST YEAR (UITM) (MECHANICAL)		KADIR @ SALIM	1ST YEAR (UITM) (MECHANICA
86701	MOHD ASYRAF BIN AB GHANI	2ND YEAR (UPM) (MECHANICAL)	36585	MUHAMAD KHUSAIRI BIN HASSIM	1ST YEAR (UMP) (MECHANICAL
35786	MOHD AZAM BIN SAHRI	3RD YEAR (UTM) (MECHANICAL)	35761	MUHAMAD MOKHSEIN BIN BAHARUDDIN	2ND YEAR (UTM) (MECHANICAL
36446	MOHD AZFADIR BIN MAT DAUD	1ST YEAR (UMP) (MECHANICAL)	36675	MUHAMAD OTHMAN BIN MOHD	(2) (
35399	MOHD AZIM FITRI BIN ABDUL HALIM	1ST YEAR (UITM) (MECHANICAL)	00010	HASSAN	2ND YEAR (UPM) (MECHANICAI
6377	MOHD AZIZUL HAFIZ BIN ABDUL SANI	1ST YEAR (UMP) (MECHANICAL)	26674		2ND YEAR (UPM) (MECHANICAI 2ND YEAR (UPM) (MECHANICAI
15893	MOHD AZIZOL HAFIZ BIN ABDOL SANI	1ST YEAR (UTM) (MECHANICAL)	36674	MUHAMAD SYAFIQ BIN SHAMSUDDIN	
			35836	MUHAMAD SYIRAZI BIN SUHAIMI	3RD YEAR (UTM) (MECHANICAI
5799	MOHD AZROL BIN SHAMSUDIN	1ST YEAR (UTM) (MECHANICAL)	35770	MUHAMMAD AIZAT BIN NOR RAHMAN	1ST YEAR (UTM) (MECHANICAL
5511	MOHD BADRUL HISHAM BIN		35472	MUHAMMAD AL BATHLI BIN	
	FAKHARUDIN	1ST YEAR (UITM) (MECHANICAL)		MOHD AMIN	1ST YEAR (UITM) (MECHANICA
5506	MOHD BENYAMIN BIN RUSLI	1ST YEAR (UITM) (MECHANICAL)	35876	MUHAMMAD AMIR BIN ZAINUDIN	3RD YEAR (UTM) (MECHANICAL
35895	MOHD DANIEL BIN ROSLAN	1ST YEAR (UTM) (MECHANICAL)	36379	MUHAMMAD AZLAN BIN ZABANIAH	1ST YEAR (UMP) (MECHANICAL
35425	MOHD FADZLI BIN ABD SAMAD	1ST YEAR (UITM) (MECHANICAL)	35810	MUHAMMAD AZREEN AZEEM	
6455	MOHD FADZRUL HISYAM BIN			BIN HASAGAYA	3RD YEAR (UTM) (MECHANICAL
	BADARUDIN	1ST YEAR (UMP) (MECHANICAL)	35800	MUHAMMAD AZRI BIN MOHD RIDWAN	1ST YEAR (UTM) (MECHANICAL
5846	MOHD FAISAL BIN KAMBALI	1ST YEAR (UTM) (MECHANICAL)	35898		1ST YEAR (UTM) (MECHANICAL
				MUHAMMAD ERIZUWAN BIN SOIB	
5809	MOHD FAIZAL BIN A. KHALID	1ST YEAR (UTM) (MECHANICAL)	35857	MUHAMMAD FAIZ BIN ABD HAMID	3RD YEAR (UTM) (MECHANICAL
5875	MOHD FAIZAL BIN ZAKARIA	1ST YEAR (UTM) (MECHANICAL)	36449	MUHAMMAD FAIZ NOR BIN	
5439	MOHD FANDI BIN AHMAD	1ST YEAR (UITM) (MECHANICAL)		MOHD FOZI	1ST YEAR (UMP) (MECHANICAL
5494	MOHD FARIS BIN MOHD ZAIN	1ST YEAR (UITM) (MECHANICAL)	36386	MUHAMMAD FIKRI BIN MD NAZIAR	1ST YEAR (UMP) (MECHANICAL
35455	MOHD FAROUQ BIN BAHARIN	1ST YEAR (UITM) (MECHANICAL)	35459	MUHAMMAD FIKRI SYAKIR BIN	(, (
36453	MOHD FIKRI BIN ARIFIN	1ST YEAR (UMP) (MECHANICAL)	00400	NOOR AFANDI	1ST YEAR (UITM) (MECHANICA
		1ST YEAR (UMP) (MECHANICAL)	00500		
6382		IST TEAR (UNIF) (INECHANICAL)	36569	MUHAMMAD HAFIZ BIN AZAM	1ST YEAR (UMP) (MECHANICAL
	MOHD FIRDAUS BIN MOHD		35458	MUHAMMAD HAFIZ BIN ZAKARIA	1ST YEAR (UITM) (MECHANICAI
			05707	MUHAMMAD HAFIZI BIN KAMALUDIN	3RD YEAR (UTM) (MECHANICAL
	BAHARUDDIN	1ST YEAR (UITM) (MECHANICAL)	35727		
36388 35441 35477		1ST YEAR (UITM) (MECHANICAL) 1ST YEAR (UITM) (MECHANICAL)	35502	MUHAMMAD HILMI BIN ABDUL	
35441	BAHARUDDIN				1ST YEAR (UITM) (MECHANICAI

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36720 35749	MUHAMMAD IZZAT BIN ESHAK MUHAMMAD KHAIRUZAIM BIN	3RD YEAR (UITM) (MECHANICAL)	35873 36683	ROZA ERMA BINTI CHANGZE ROZAIMAH BINTI MOHD BADAWI	2ND YEAR (UTM) (MECHANICAL) 2ND YEAR (UPM) (MECHANICAL)
00110	SALIHIN IHIN	4TH YEAR (UTM) (MECHANICAL)	36700	RUSNI BINTI ZAINAL ABIDIN	2ND YEAR (UPM) (MECHANICAL)
35512	MUHAMMAD KHIDIR BIN ABDULLAH	1ST YEAR (UITM) (MECHANICAL)	36688	SAFFA BINTI ISMAIL	2ND YEAR (UPM) (MECHANICAL)
35470	MUHAMMAD NAJIB KHIR BIN OTHMAN	1ST YEAR (UITM) (MECHANICAL)	35748	SALMI BINTI SHAMSUDIN	3RD YEAR (UTM) (MECHANICAL)
35402 36447	MUHAMMAD NAUFAL BIN AZHAR MUHAMMAD NORKHUZAIRI BIN	1ST YEAR (UITM) (MECHANICAL)	35594	SARAH NAVITA A/P SAMSON DAVANDRAN	4TH YEAR (UNITEN) (MECHANICAL)
	SHAHARIN	1ST YEAR (UMP) (MECHANICAL)	35410	SAYIDAH NAFISAH BINTI AWANG	1ST YEAR (UITM) (MECHANICAL)
35487	MUHAMMAD QADRI BIN KAMARUDDIN	1ST YEAR (UITM) (MECHANICAL)	35849	SAZNI FARLINA BINTI AZIZ	2ND YEAR (UTM) (MECHANICAL)
35871	MUHAMMAD RIZA BIN ZAHARI	3RD YEAR (UTM) (MECHANICAL)	36634	SHAFRIQ HAFIZZAN BIN SALIM	1ST YEAR (UMP) (MECHANICAL)
35500 36583	MUHAMMAD SAFWAN BIN SHUHAIMI MUHAMMAD SHAHMI BIN MARSAHID	1ST YEAR (UITM) (MECHANICAL) 1ST YEAR (UMP) (MECHANICAL)	35851	SHAHIFFUDIN BIN KHAMIS @	
35803	MUHAMMAD SHERIFF BIN ADNAN	3RD YEAR (UTM) (MECHANICAL)	36588	ABD HAMID SHAHRUL FAIZ BIN SABIR AHMAD	1ST YEAR (UTM) (MECHANICAL) 4TH YEAR (UMP) (MECHANICAL)
35452	MUHAMMAD SHOUKI BIN SARMAN	1ST YEAR (UITM) (MECHANICAL)	35758	SHALINI A/P DARMARAJU	1ST YEAR (UTM) (MECHANICAL)
36573	MUHAMMAD SYAFIK BIN ISA	1ST YEAR (UMP) (MECHANICAL)	35874	SHARIFAH NUR'AI SHIKIN BT.	
35852 35429	MUHAMMAD SYAUKI BIN YAAKOB MUHAMMAD TAUFIK BIN AZMAN	1ST YEAR (UTM) (MECHANICAL) 1ST YEAR (UITM) (MECHANICAL)	05404	SYED NOH	3RD YEAR (UTM) (MECHANICAL)
35510	MUHAMMAD YAHYA BIN IBRAHIM	1ST YEAR (UITM) (MECHANICAL)	35491 35738	SHARIZAD BIN SAAD SHARMILA BINTI MOHD ARISAN	1ST YEAR (UITM) (MECHANICAL) 3RD YEAR (UTM) (MECHANICAL)
35503	MUHAMMAD ZHARIF BIN MOKHTAR	1ST YEAR (UITM) (MECHANICAL)	35790	SIEW HAW SHIUN	3RD YEAR (UTM) (MECHANICAL)
36666	MUHAMMAD ZULKHAIRI BIN DZULKIFLI	2ND YEAR (UPM) (MECHANICAL)	35593	SITI ALIA BINTI JASMIN	4TH YEAR (UNITEN) (MECHANICAL)
35778	MUHAMMED AMIRUL ASYRAF		35771	SITI AMILIYANA BINTI NORAZNI	1ST YEAR (UTM) (MECHANICAL)
35816	BIN HASNAN MUHD HARDI BIN MOHAMED	2ND YEAR (UTM) (MECHANICAL) 3RD YEAR (UTM) (MECHANICAL)	35868	SITI NUR ROHAZRIEN BINTI JUHARI	3RD YEAR (UTM) (MECHANICAL)
35496	MUHD HAZWAN BIN HUSSAIN	1ST YEAR (UTM) (MECHANICAL)	35823 35404	SITI NURULHAIDA BINTI RAMLAN SYAMSUL SYAWAL BIN HOSNON	3RD YEAR (UTM) (MECHANICAL) 1ST YEAR (UITM) (MECHANICAL)
36579	MUSTAFA SAIFUDEEN BIN ABDUL WALID	1ST YEAR (UMP) (MECHANICAL)	35737	SYARFINA BINTI OTHMAN	1ST YEAR (UTM) (MECHANICAL)
35490	NAIM BIN OMAR	1ST YEAR (UITM) (MECHANICAL)	35489	SYARIN RIZWAN BIN JABAR	1ST YEAR (UITM) (MECHANICAL)
36644	NAVINDRAN A/L SUBRAMANIAM	1ST YEAR (UMP) (MECHANICAL)	35484	SYARULANWAR BIN AZIZ	1ST YEAR (UITM) (MECHANICAL)
35753	NAZRUL HAFIZIE BIN ABDULLAH	4TH YEAR (UTM) (MECHANICAL)	35440	SYED MOHAMAD JAMIL BIN	
36540 36575	NG SHING SHIAN NG WAI LOON	1ST YEAR (UMP) (MECHANICAL) 1ST YEAR (UMP) (MECHANICAL)	25070	SYED SHAMSUDIN	1ST YEAR (UITM) (MECHANICAL)
35513	NIK MOHAMED AIZAT BIN CHE RASHDI	1ST YEAR (UITM) (MECHANICAL)	35872 35843	TAN CHIN CHEE TAN FENG XIAN	1ST YEAR (UTM) (MECHANICAL) 1ST YEAR (UTM) (MECHANICAL)
35396	NIK MOHD AZRUL BIN AB RAHMAN	1ST YEAR (UITM) (MECHANICAL)	35588	TAN KIAN LIK	4TH YEAR (UNITEN) (MEHCANICAL)
36567	NIK MUHAMMAD FIRDAUS BIN		36703	TAN SUE SUNG	2ND YEAR (UPM) (MECHANICAL)
	NIK OMAR	1ST YEAR (UMP) (MECHANICAL)	36685	TAN WEI SEONG	2ND YEAR (UPM) (MECHANICAL)
35480	NIK MUHAMMAD SYAFIQ BIN		35861	TANG HOWE LIN	1ST YEAR (UTM) (MECHANICAL)
36707	NIK MOHAMED JAFFAR NIK MUZHAFAR BIN NIK ABDUL MALEK	1ST YEAR (UITM) (MECHANICAL) 2ND YEAR (UPM) (MECHANICAL)	35392	TENGKU MOHD HANIF BIN TENGKU UTAMA	1ST YEAR (UITM) (MECHANICAL)
35841	NOOR AAINAA BINTI AZHAR	1ST YEAR (UTM) (MECHANICAL)	35842	TEO WEI SHENG, NELSON	1ST YEAR (UTM) (MECHANICAL)
35424	NOOR AKMAR BINTI ABD JALIL	1ST YEAR (UITM) (MECHANICAL)	36371	THINESH A/K CHANDER	1ST YEAR (UMP) (MECHANICAL)
35825	NOOR AZWANI BINTI MOHD NAWI	1ST YEAR (UTM) (MECHANICAL)	35870	THONG JIN HING	1ST YEAR (UTM) (MECHANICAL)
35442	NOOR HAFIZ BIN MOHD ZAINI	1ST YEAR (UITM) (MECHANICAL)	35584	TILIBBAN A/L VASU	3RD YEAR (UNITEN) (MECHANICAL)
35730		2ND YEAR (UTM) (MECHANICAL)	36431	TONG WOEI TZE	2ND YEAR (UPM) (MECHANICAL)
35421 35884	NOOR HIRYANI BINTI SUHAIMI NOOR RASHIDAWANI BINTI MD NOOR	1ST YEAR (UITM) (MECHANICAL) 4TH YEAR (UTM) (MECHANICAL)	36584 35793	UMAR BIN SHAFEE VIGNESWARAN A/L GANASEN	3RD YEAR (UMP) (MECHANICAL) 2ND YEAR (UTM) (MECHANICAL)
35423	NOOR SUHAIZLIN BINTI SAUTI	1ST YEAR (UITM) (MECHANICAL)	35855	VONNESKI VIVEN LINANG	1ST YEAR (UTM) (MECHANICAL)
35839	NOR ATIQAH BINTI ZOLPAKAR	1ST YEAR (UTM) (MECHANICAL)	35395	WAN MAZUAN BIN WAN MAHMUD	1ST YEAR (UITM) (MECHANICAL)
35403	NOR FADZILAH BINTI BARKAWI	1ST YEAR (UITM) (MECHANICAL)	35880	WAN MOHAMAD IZZAT BIN WAN	
35802	NOR HASRUL AKHMAL BIN NGADIMAN	1ST YEAR (UTM) (MECHANICAL)		ABU BAKAR	1ST YEAR (UTM) (MECHANICAL)
35733 36557	NOR HAZIRAH BINTI FADILLULLAH NOR KOMARIAH BINTI HASFA	2ND YEAR (UTM) (MECHANICAL) 4TH YEAR (UMP) (MECHANICAL)	35782	WAN MOHD FARID BIN FAUZI WAN MUHAMAD IRFAN HILMI	3RD YEAR (UTM) (MECHANICAL)
35495	NOR MUKRI BIN CHE YEEM	1ST YEAR (UITM) (MECHANICAL)	36418	BIN WAN HARUN	1ST YEAR (UMP) (MECHANICAL)
35726	NOR NADIYA BINTI MOHD NASIR TAN	1ST YEAR (UTM) (MECHANICAL)	36372	WAN MUHAMMAD MUKHLIS BIN	
35743	NORASHIKIN BINTI DZULKEFFLE	3RD YEAR (UTM) (MECHANICAL)		WAN SALLEHUDDIN	4TH YEAR (UMP) (MECHANICAL)
36518	NORAZREEN BINTI SAMSURI	1ST YEAR (UMP) (MECHANICAL)	35451	WAN ZULHAZRI BIN WAN ZULKIFLI	1ST YEAR (UITM) (MECHANICAL)
35457	NORHAFIZA BINTI JAMIL NORHARIATI BINTI ABD KARIM	1ST YEAR (UITM) (MECHANICAL)	35889	WONG LUI LEONG	1ST YEAR (UTM) (MECHANICAL)
35420 35939	NORHAYATI BINTI ZAKUAN	1ST YEAR (UITM) (MECHANICAL) 3RD YEAR (UTM) (MECHANICAL)	35853 36709	WONG MUN FOO YAP YU WEI	1ST YEAR (UTM) (MECHANICAL) 2ND YEAR (UPM) (MECHANICAL)
35444	NORHISHAM BIN RAMELY	1ST YEAR (UITM) (MECHANICAL)	36705	YAP ZHENG DAO	2ND YEAR (UPM) (MECHANICAL)
35408	NORSHAMILA HAYATI BINTI		36506	YEONG CHOY HUEY	3RD YEAR (UMP) (MECHANICAL)
	NOOR DIN @ MUSTAPHA	1ST YEAR (UITM) (MECHANICAL)	36667	YIP KIN FAI	2ND YEAR (UPM) (MECHANICAL)
36376	NORSYAZWANI BINTI BADILLAH	1ST YEAR (UMP) (MECHANICAL)	36681	ZAIHASRIN BINTI ZAKARIA	2ND YEAR (UPM) (MECHANICAL)
36580 35446	NUR ASHIKIN BINTI USRI NUR AZREEN BINTI HANAFI	2ND YEAR (UPM) (MECHANICAL) 1ST YEAR (UITM) (MECHANICAL)	35787	ZAIM @ ABDUL YAMIN BIN HAJI MAHDI	3RD YEAR (UTM) (MECHANICAL)
35885	NUR EFFARINI BINTI BAROM	1ST YEAR (UTM) (MECHANICAL)	35735 35859	ZA'IM ASYRAF BIN MUSTAFFA ZALIKHA MURNI BINTI ABDUL HAMID	2ND YEAR (UTM) (MECHANICAL) 2ND YEAR (UTM) (MECHANICAL)
35767	NUR FARISZUL FIKRI BIN ZULKAFLI	3RD YEAR (UTM) (MECHANICAL)	35804	ZARINA BINTU YUSOF	1ST YEAR (UTM) (MECHANICAL)
36448	NUR FITRINA BINTI MAT NAWI	1ST YEAR (UMP) (MECHANICAL)	36670	ZOL HAZIZI BIN MAHAT	2ND YEAR (UPM) (MECHANICAL)
36638	NUR HAMIZAH BINTI MINHAT	2ND YEAR (UPM) (MECHANICAL)	35488	ZULASYRAF BIN NOOR SALIM	1ST YEAR (UITM) (MECHANICAL)
35586	NUR HIDAYAH BINTI MOHD SHAH	4TH YEAR (UNITEN) (MECHANICAL)	35432	ZULHILMI BIN ABD GHANI	1ST YEAR (UITM) (MECHANICAL)
35869 35744	NUR ILYANA BINTI MOHD NUR SYAMIMI BINTI JIRAN	3RD YEAR (UTM) (MECHANICAL) 3RD YEAR (UTM) (MECHANICAL)	36390	ZULHILMI BIN SHAFIE	1ST YEAR (UMP) (MECHANICAL)
35865	NUR ZAFIRA BINTI SAMSUDIN	2ND YEAR (UTM) (MECHANICAL)	36578 36509	ZULHUSNI BIN ABDUL AZIZ ZULQARNAIN BIN FUAD	1ST YEAR (UMP) (MECHANICAL) 1ST YEAR (UMP) (MECHANICAL)
35891	NUR'AIN BINTI ALANG	2ND YEAR (UTM) (MECHANICAL)	35493	ZUREL HADI BIN LATIF	1ST YEAR (UITM) (MECHANICAL)
36378	NURAINI BINTI AZIZ	1ST YEAR (UMP) (MECHANICAL)			
35840	NURFARAHIN BINTI ONN	1ST YEAR (UTM) (MECHANICAL)		MINERAL RE	SOURCES
35417	NURHIDAYAH ROZIEANA BINTI ZAMANI	1ST YEAR (UITM) (MECHANICAL)	35523	NOR ARINA SAADIAH BINTI MD NOH	1ST YEAR (USM) (MINERAL RESOURCES)
35447 35471	NURNIDA ELMIRA BINTI OTHMAN NURNURIADHA BINTI ZAIPA	1ST YEAR (UITM) (MECHANICAL) 1ST YEAR (UITM) (MECHANICAL)	35525	NURFARHANA BINTI HASSAN	1ST YEAR (USM) (MINERAL RESOURCES)
35805	NURSYAZWIN AFIQIN BINTI			PETROI	LEUM
	MOHD ANIN	3RD YEAR (UTM) (MECHANICAL)	36024	AZMAN SHAH BIN HASIM	1ST YEAR (UTM) (PETROLEUM)
35419	NURUL 'AIN ZUSYAMIMI BINTI		35965	MOHAMMAD ASHRAFUNNUR	
	KHAIRIL ANWAR	1ST YEAR (UITM) (MECHANICAL)		BIN YEOP	1ST YEAR (UTM) (PETROLEUM)
35411		1ST YEAR (UITM) (MECHANICAL)	36117	MUHAMMAD ADIB BIN SALLEH	1ST YEAR (UTM) (PETROLEUM)
35436 35838	NURUL FAKHRI BIN JAIM NURUL SAHRINA BINTI JAMALI	1ST YEAR (UITM) (MECHANICAL) 1ST YEAR (UTM) (MECHANICAL)	36025	MUHAMMAD AZIM BIN ADNAN	1ST YEAR (UTM) (PETROLEUM)
35844	PANG CHI LOOG	1ST YEAR (UTM) (MECHANICAL)		POLY	MER
35858	PHONG WEI LOON	1ST YEAR (UTM) (MECHANICAL)	35994	AQILAH BINTI JAMIL	1ST YEAR (UTM) (POLYMER)
36577	PRAMNATH A/L RAVI	1ST YEAR (UMP) (MECHANICAL)	35994	NORSYALIRA BINTI RAMLI	1ST YEAR (UTM) (POLYMER)
35740		1ST YEAR (UTM) (MECHANICAL)	35997	NUR ROSMARINIE BINTI BAHAROM	1ST YEAR (UTM) (POLYMER)
36369 35890	RAIHAN BIN ABDUL RASHID RAZWAN IKMAL BIN RUSLI	1ST YEAR (UMP) (MECHANICAL) 1ST YEAR (UTM) (MECHANICAL)	35524	YASMIN FIRDAUZY BINTI	
35499	RIZWAN SHAH BIN RIDUAN SHAH	1ST YEAR (UTM) (MECHANICAL)		ABDUL WAHAB	1ST YEAR (USM) (POLYMER)
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# LATEST UPDATE!

## CONTRIBUTION TO IEM BUILDING FUND

RM609,610.00 from IEM Members RM340,502.00 from Private Organisations

# TOTAL RM950,112.00 (ANOTHER RM11,199,888.00 ARE STILL NEEDED)

IEM wishes to take this opportunity to thank all members and to those who have contributed towards the IEM Building Fund. We would also like to appeal for support from members who have not yet contributed.

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

## DONATION LIST TO THE NEW IEM BUILDING FUND

14th 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://iem.org.my or contact the IEM Secretariat at 603-79684001/79684002 for more information. The list of the contributors as at March 2009 are shown as below.

NO.	MEMBERSHIP NO.	DETAILS	NO.	MEMBERSHIP NO.	DETAILS	NO.	MEMBERSHIP NO.	DETAILS
1	G29128	COMDR ABU BAKAR BIN LASA	65	M28476	OH SEONG POR	130	M19968	DR MOHAMAD RAZIP SELAMAT
2	F11783	DATO' ABD. HALIM BIN SULAIMAN	66	G11216	OW WENG KAI	131	M11830	DR MOHAMED RASHID BIN NAVI BAX
3	F02070	DATO' HAJI ZAINUDDIN BIN MOHD. RADZI	67	G30516	PANG KHANG HAU	132	M12021	DR SU BIING YUEH
4	F13480	DATO' MOHD SALLEH BIN MOHD NOH	68	M29723	PHAN YIT HOAH	133	M09291	DR TAY CHOON JIN
5	M11301	DATO' MUSA BIN HAJI MUSTAKIM	69	G31756	ROSFAZIHAN BIN BAHAROOM	134	M23266	FAZLI BIN AZMI
6	F04782	DATUK YAP PAK KHI	70	M30794	SAM TUCK HENG	135	M15801	FOO CHIYU MAIN
7	M27465	DATUK PROF. ISMAIL HASSAN	71	G17058	SHAHRIZAMAN BIN ZAMHURY	136	M13715	FOO PIN KHOOI
8	G29655	ABDULLAH BIN MOHAMAD	72	G28996	SHARILL AMREE BIN ABU HASSAN	137	M05138	GOH CHIN SENG
9	G13835	AHMAD AZIZI BIN HAJI ALI	73	G29137	SHIM VUN BIN	138	M11047	GOH KAE WAN
10	G26135	AHMAD HILMI FIRDAUS BIN AHMAD BADLI	74	G22593	SIM KIM LOONG	139	M12467	HAFIDZ BIN HASHIM
11	G15350	AHMAD RAFA'EE BIN JOHARI	75	M02831	SIVANATHAN S/O ARUNASALAM	140	M22455	HAIDEL HELL
12	M21641	AHMAD SHAUFFI BIN HJ	76	M09817	SULAIMAN BIN MOHAMAD TAIB	141	F01745	HAJI MOHD, MUSTAFA BIN ZAHARIMAN
		MOHAMAD SHARKAWI	77	G28380	SUMANTRI BIN ABD. HADI	142	M09360	HANAFI BIN NASIR
13	M17221	ALI SHASTRY @ HASLAN BIN HUSAIN	78	M21296	TAN HUA CHUN	143	M03457	HARBANS SINGH S/O KISHAN SINGH
14	G18228	AMIR HAMZAH BIN MUSTAPHA	79	G24789	TAN WEE KOK	144	M07743	HENG TANG HAI
15	M14350	AZHAR BIN AHAMAD	80	G20736	VINCENT AK ANTHONY	145	M05619	HJ. BAHARUDIN BIN MOHD. ALI
16	G25876	AZLAN HISSHAM BIN MOHAMAD SAAD	81	M16992	VIVEKANANDA S/O GOPAL KRISHNAN	146	M02827	HOR YOOK KONG
17	G14094	AZMAN BIN MANSOR	82	G30517	WONG YUAN TZEI	147	M05225	JAAFAR BIN AHMAD
18	M33874	BURHANUUDDIN BIN HJ OTHMAN	83	M05692	YAP HENG CHUAN	148	M21883	JANANG AK BUNGSU
19	M17103	CHEAH SONG HOCK	84	G21275	YONG KOK HOONG	149	M15315	KAMARUDIN BIN MAHMOOD
20	G18962	CHEONG WAI HONG	85	G25810	YONG WEI MING	150	M01410	KHALID BIN AHMAD
21	M11946	CHEW YEE CHUAN	86	M24907	YUEN JIN VUI	151	F01307	KOK AH FOONG, PETER
22	G17358	CHIN MING FOO	87	M12399	AB. LLAH BIN HAJI M. SALLEH	152	M05540	KWANG EAU QUAN
23	G27634	CHONG CHON KEN	88	M18355	ABAS BIN ABDULLAH	153	M07480	LAITALEE
24	G19126	CHONG YIN CHAO	89	M10900	ABDUL AZIZ BIN OTHMAN	154	M02162	LAU CHEE KHIN
25	G01950	DR KUAK YONG CHEW	90	F05491	ABDUL NASSER BIN ABDUL WAHAB	155	M05059	LAU CHOW FOW
26	M25392	GAN SHIAU HUI	91	M10852	ABU HANIFAH BIN ABDULLAH	156	M02290	LAU KA TING
27	G21747	GOH KWANG MENG	92	M12749	ABU HASSAN BIN OTHMAN	157	M02230	LEE BAO LOONG
28	G34011	HAMDAN BIN HAJI MORSIDI	93	M11078	AHMAD ZAKIYUDDIN BIN ABD. RAHMAN	158	M03007 M04713	LEE CHEE MING
29	G20197	HANI ZAIDA BINTI ISMAIL	94	M18651	AMIRUDDIN BIN ABDUL HALIM	159	M12477	LEE KEE BAU
30	G22187	HARDEEP SINGH CHAHIL	95	M02460	ANG CHANG SOON	160	M11358	LEE MENG CHIAT
31	M18944	ISMAIL BIN ISHAK	96	M03016	ANG LEE HUAT	161	F01955	LEE MUN WOH
32	G01896	JAYASEKAR S/O RENGANATHAN	97	M07980	ANNIES BIN MD. ARIFF	162	M02327	LEE SING PEN
33	M30673	JUZAILAN BIN ZAINAL	98	M04830	ANTO A/L S.F. JOSEPH	163	F00242	LEONG SAIK ONN
34	G01248	KHOO YEW CHONG	99	F00679	ARASARATNAM SEKARAJASEKARAN	164	M13409	LEONG SOW KHEAN
35	G16517	KHOR KHENG CHIEW	100	M15432	ARNIA SUHAIMI BIN SAAID	165	M05936	LEOW YUEN FOOI
36	G12572	KHUSAIRI BIN WAHIJAN	101	M12373	ARUL HISHAM BIN ABDUL RAHIM	166	M02760	LEW WING KWONG
37	G15181	KOH BEE SENG	102	M29054	AZHARUDIN BIN MUKHTARUDDIN	167	M01741	LI HENG TIONG
38	G23101	KUEK HANN YIH, KELVIN	103	M07579	AZIZAN BIN MD. SAAD	168	F00097	LIAW YEW PENG
39	G32663	LAI CHEE YONG	104	M11109	AZMAN BIN ABU BAKAR	169	M02585	LIEW BOON TIT
40	G34017	LEE CHOON SENG	105	F12035	BADRUL HISHAM BIN MOHD ALI	170	M14505	LIEW KHEE LEONG
41	M19334	LEE YIK SEONG	106	M13902	BOEY CHENG HAI	171	M06765	LIEW YAN SIN
42	G15182	LIM CHEE CHIN	107	M02425	BUI YIN HUING, GEORGE	172	M08818	LIM CHOR PIN
43	G26384	LIM CHEE TAT	108	M16780	BUKHARI BIN MANSOR	173	M05786	LIM FONG NG
44	G18613	LIM KIM CHEA	109	M09646	CHAI SIEW KEY	174	M06541	LIM HUA SAN
45	G29646	LIM XIN YI	110	M02215	CHAN KAM LEONG	175	M03651	LIM KEE SIN
46	G18482	LIONG CHEE HOW	111	M10187	CHAN SIEW LOON	176	M03549	LIM KIUN PHOK
47	M34176	LONG YEW FAH	112	M03762	CHAN SWEE LOON	177	M16821	LIM LIP KEONG
48	M14935	LOO WEI BHENG	113	M20746	CHANG TAN CHIN	178	M11314	LOH BAK KIM @ YEAP BAK KIM
49	M24375	LOW ALIM	114	M02371	CHEONG YEW TECK	179	F03639	LOKE FAT CHET
50	G25871	LOW KIAN YAU	115	M06315	CHEW BOON LEE	180	M02986	LOURDES RAJ XAVIER S/O S.P. RUBANATHAN
51	M08158	MAT NAWI BIN MOHAMAD	116	M04006	CHIM SIEW CHOON	181	F02025	LOW BENG PEOW
52	G07623	MEOR KAMARUL ZAMAN BIN ZULAIDIN	117	M19621	CHONG LEH KHENG	182	M13723	LUA KIM HUAT
53	G19951	MOHD AMRAN BIN MOHD RADZI	118	M14127	CHONG NGIT SOOI	183	M01999	LUI PIAN PING
54	G06789	MOHD. FAZLI BIN OSMAN	119	M07736	CHONG YOON SANG	184	M02520	MAIMUN @ MAHMOOD BIN HAJI TAIB
55	M29084	MOHD. HAFIZ BIN IBRAHIM	120	G04572	CHOR HOCK LYE	185	M05988	MAZELAN BIN MANSOR
56	G25559	MOHD. HARDY BIN LAIDIN @ SAIDIN	121	M15356	CHOW CHEE HENG	186	M09020	MD. NASIR BIN HASHIM
57	G26947	MOO CHEE HING	122	M03650	CHUA LEE BOON	187	M14849	MOHD FADZIL BIN MOHD TAP
58	M30670	MUHAMAD RESDI BIN ABDUL MANAF	123	M02535	CHUA NGEUN SEONG	188	M26902	MOHD FAKHRURAZZY BIN ISMAIL
59	M10420	NANTHAKUMAR A/L KANAGALINGAM	124	M04825	CHUA SONG YANG	189	M15626	MOHD RADZI BIN HAJI OTHMAN
60	G24335	NG CHIU MING @ ROLAND NG	125	M15463	DAUD BIN ABAS	190	M03526	MOHD. RIZAL AL-AMIN BIN TUN SARDON
61	G10760	NG CHUN CHOONG	126	M22392	DHAKSHYANI A/P RATNADURAI	191	M08966	MOHD. SAIFUL BIN MOHD. SOHOD
62	G01919	NG HOCK BEE	127	M18059	DR LIM WAI TAT	192	M07983	MOHD. YUSOF BIN SULAIMAN
63	M06397	NG KOK HWA	128	M09484	DR THONG KOK SING	193	M02903	MOKHTAR BIN SHEIKH MOHAMED
64	M32689	NGEN MING CHING	129	M09391	DR ISMAIL ABDUL RAHMAN	194	M12522	MS. LEE SIN PENG

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AHRAZI B. MD. SIDIK
BERT PARKS
KEONG
AN SHENG @ ALVIN

ANNOUNCEMENT

NO.	MEMBERSHIP NO.	DETAILS	NO.	MEMBERSHIP NO.	DETAILS	NO.	MEMBERSHIP NO.	DETAILS
195	M03182	NEE CHOW YIT	220	M05018	TAN GIM FOO	245	M09542	WONG NENG KWONG, PETER
196	M06004	NEW CHENG SWEE	221	M05005	TAN HOO	246	M11763	WONG TAI WOOI
197	F03451	NG CHEU KUAN	222	M01798	TAN HOON KAI	247	M10089	WOON CHEE KEONG
198	M29734	NG FUI PING	223	M08113	TAN JIT HOO	248	M16506	YAHYA BIN JUSOH
199	M13912	NG KOON SENG	224	M02820	TAN LEK LEK	249	F05188	YARMAN BIN YAHYA
200	M07316	NG WENG FATT, STEPHEN	225	M04626	TAN LIAN SOON	250	M16324	YEE YEW WENG
201	M10338	NGAN SEE PYNG	226	M07616	TAN SEE JOON	251	M03476	YIP SOW HAR
202	M17306	NOOR RAZMAN BIN ABDUL RAZAK	227	M09122	TAN SENG THIAN	252	M03710	YONG YOKE CHOON
203	M24803	NOORUL NAZIR BIN MOHD NOOR	228	M02771	TAN SIANG KHENG	253	M20004	ZAINUDDIN BIN JAMALUDDIN
204	M06949	NUMPANG SUNTAI	229	M03773	TEH KIAK SENG	254	M15763	KOL. DATO' HJ MOHAMMED ZAKARIA B.
205	M12544	ONG BOON HAI	230	M16926	TENG YIEN CHEN			MOHD NOOR
206	M06217	ONG OU PING	231	M15072	TEO CHEE KONG	255	M10137	MAJ. (R) AHMAD MAZLAN BIN OTHMAN
207	M01063	ONG YENG TIAN	232	M13420	TEONG CHOO CHEING	256	S25353	SDR. AHMAD SHAHRAZI B. MD. SIDIK
208	M01882	PANG NAM FONG	233	M01140	THAM CHOY YOONG	257	A25634	SDR. DAVID ROBERT PARKS
209	M06635	POON KEE SUE	234	M16893	TIA SHEN CHING	258	S15055	SDR. HING WAI KEONG
210	M02750	REDIT ROBET/RUBET	235	M16774	TIONG CHIONG ING	259	IM35532	SDR. LEONG KIAN SHENG @ ALVIN
211	M13073	SARAVANAN A/L MAHALINGAM	236	M07252	TIONG NGO PU	260	S31633	SDR. MOHD EYA REDHUAN BIN KHAIRUDIN
212	M00786	SAW EWE SENG	237	M05527	TU AH KIM	261	S32236	SDR. MOHD HAFIZ BIN EFRIZAL
213	M16519	SHAHELMEY BIN YAHYA	238	F10146	VIMALANATHAN S/O PERUMAL	262	S24076	SDR. MUHAMMAD RIDHWAN BIN ALI
214	M05298	SHI LENG SIENG	239	M24833	WAN AZHAR BIN SULAIMAN	263	IM25075	SDR. SANAL RAGHAVAN PUSHPA
215	M09736	SOON SOO HAIN	240	M13448	WAN KOA YIT	264	S02419	SDR. TAN AH SWEE
216	M03525	SOON SWEE HUAT @ SING SUG KHUAB	241	M15427	WAN MOHAMMAD BIN HAJI WAN NIK	265	AM24916	SDR. TAN HOI WENG
217	M03031	SU AH KAU	242	M05943	WANG CHUNG TA	266	M09624	SDR. TIU JON HUI
218	M16961	SUHAIZAN BIN WAHID	243	M03592	WONG CHENG YONG	267	S21175	SDR. TOH CHIN KOK
219	M16007	SYED ARIFFIN BIN SYED HUSSAIN ALHABSHEE	244	M05023	WONG KA HOW	268	F08157	TAN SRI DATUK DR AHMAD TAJUDDIN ALI

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

1. LOAN

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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

Don	ation 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.
		((FM is still be bing into explain for Tay Expension status for the (FM Duilding Exam)

(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 Dar	rul Ehsan Date://2009
Dear Sir,	
IEM BUILDING FUND	
LOAN DONATION (Please indicate $\checkmark$ where applicable)	
Enclosed herewith a Cheque/Bank Draft/Money Order/Postal Order* No for RM for the abovementioned made payable to <b>'IEM Building Fund'</b> Account.	
Please charge to my credit card the amount of RM for the abovementioned.	
Card: Visa MasterCard Card Number:	M  M  Y  Y    Expiry Date:
Name:Address:	
Contact No.:	Signature



# 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 18-19 MAY 2009

2-Day Steel Lecture Course: Effective Design and Construction of Cold-Formed Steel Structures Venue: Laksamana Ballroom, Hotel Armada, PJ Fees: IEM Student Member - RM200 IEM Graduate Member - RM350

IEM Corporate Member - RM550 Non-IEM Member - RM800

#### 20 JUNE 2009

Awareness Seminar on EUROCODES-EC0, EC1 & EC2 Venue: Centre for Extension Education UTAR (PJ Campus) Time: 9.00 a.m. to 1.00 p.m. Speaker: Ir. M. C. Hee Fees: IEM Student Member - RM40 IEM Graduate Member - RM75 IEM/UTAR/KTAR Member - RM150

#### **Geotechnical Engineering Technical Division**

Non-IFM Member - RM250

20 MAY 2009 Talk On Lessons Learned from Two Case Histories of Retaining Structures Venue: Wisma IEM Time: 5.30 p.m. to 7.30 p.m. Speaker: Prof. Pedro Seco e Pinto

#### Oil, Gas and Mining Technical Division

26 MAY 2009 Visit to TNB REMACO Repair Centre at Connaught Bridge Power Station Venue: TNB REMACO Repair Centre, Klana

Time: 8 00 a m to 1 00 n m Fees: RM30.00 (Limited to 20 participations)

#### 11 JUNE 2009

Talk on "Strategic Management Thinking Process" Venue: Auditorium, 3<sup>rd</sup> Floor, Wisma IEM, PJ Time: 5.30 p.m. to 7.00 p.m. Speaker: En. Mohd. Fuad Ahmad Fees: IEM Student Member - RM200 IEM Graduate Member - RM350 IEM Corporate Member - RM550 Non-IEM Member - RM800

#### **Electrical Engineering Technical Division** 30 MAY 2009

Talk on Energy Efficiency (EE) "The Role of Facilities Managers and Supervising Engineers" Venue: 2<sup>nd</sup> Floor, Wisma IEM Time: 9 00 a m to 11 00 a m Speaker: Engr. G. Lalchand

30 MAY 2009 24<sup>th</sup> EETD AGM Venue: Wisma IEM Time: 11.00 a.m. to 1.00 p.m.

#### MAJOR EVENTS

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.mv (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: http://www.iem.org.my (Invitation to register)

#### BRANCHES

#### IEM SOUTHERN BRANCH

23 MAY 2009 A One-Day Conference on Sustainable Construction and Best Use of Waterways Venue: Grand Ballroom, The Zon Regency Hotel, JB Time: 8.30 a.m. to 5.30 p.m. Speaker: Ir. S. K. Pui, Engr. Tan Tien Ser, Ir. Fong Fu-Ki, Winston and Y. Bhg. Dato' Paduka Engr. Hj. Keizrul bin Abdullah Tel: 607 3319 705 Fax: 607 3319 710 F-mail: iemsouthern@gmail.com Website: www.iemsb.org.my Fees: (a) IEM Student and Graduate Member – RM120 (b) IEM Corporate Member - RM160 (c) Non-IEM Member - RM200 (d) International Participant - USD60 (Invitation to register)

## CONFERENCES & SEMINARS

#### MALAYSIA

1-3 JUNE 2009 RAMM AND ASMP 2009 Venue: Bayview Beach Resort, Batu Ferringhi, Penang Tel: 604 599 6180/6178/6106, 5941010 (Main office) Fax: 604 594 1011 (USM) Email: ramm09@eng.usm.my Website: http://material.eng.usm.my/ramm asmp 09 (Invitation to register)

18 JUNE 2009 AND 16 JULY 2009 PREVIEW: PAM 2006-A USER'S MANUAL Venue: Kuala Lumpur Tel: 603 2287 5175 (Ms. Sheila K) Fax: 603 2287 5176 Website: www.charltonmartin.com (Invitation to reaister)

23-24 JUNE 2009 INDUSTRIAL PROCESS CONTROLLER TUNING Venue: Faculty of Chemical Engineering, UiTM, Shah Alam, Malaysia Fax: 603 5543 6300 Email: aabi@salam.uitm.edu.mv Website: http://aabi.tripod.com/workshops (Invitation to register)

#### 23-25 JUNE 2009 NATIONAL CONFERENCE ON AGRICULTURE AND FOOD MECHANIZATION 2009 Venue: Hotel Renaissance, Melaka Tel: 019 344 3877/03 8941 8070 Fax: 603 8941 3512 Email: ncatm@mardi.gov.my (1st announcement & Invitation to register)

29 JUNE - 1 JULY 2009 INTERNATIONAL NUCLEAR CONFERENCE 2009 AND EXHIBITION Venue: PWTC. KL Tel: 603 8925 0510 Fax: 603 8925 2588 Email: inc09@nuclearmalaysia.gov.my Website: http://online.nuclearmalaysia.gov.my/sems/inc09 (Invitation to register)

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 reaister)

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. Khairolden)/6012 628 9116 (Puan Maria Zura)/6012 346 5824 (Cik Intan Juliana) Email: khairolden@cidb.gov.my/maria@cidb.gov.my/ intan@cidb.gov.my (1st announcement and 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: ISGI09@nus.edu.sg (Invitation to reaister)





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

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: iemtcsb@gmail.com

Dear Members,

#### IEM Motor Insurance Business – continuous source of income to IEM

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

The Institution of Engineers, Malaysia (IEM) is now a Corporate Insurance Agent and IEM Training Centre Sdn. Bhd., a wholly owned subsidiary and business arm of IEM, has been given the task to promote the IEM Motor Insurance products to members and their family members and friends <u>anywhere in the country</u>. The income generated from the motor insurance business would be used to offset the bank loan taken to purchase the new IEM Building and to upgrade the facilities in IEM to serve our members better.

Note: Motor insurance acceptance is now carried out electronically via E-Cover Note hence it is now possible to undertake this business.

The confidence and satisfaction of members to place their insurances with IEM are our primarily concern and the following supporting services have been established:-

- Dedicated phone line at 603-79564015.
- Dedicated fax line at 603-79582851.
- Dedicated email address at insurance@iem.org.com.my
- Dedicated SMS number at 019-2563931
- Dedicated staff, Insurance Officer with a backup to handle all enquiries including claims ONLY during office hours *i.e.* 9.00 a.m. till 5.00 p.m. from Monday to Friday.
- Dedicated office at IEM Training Centre Sdn. Bhd.
- Not more than 2 working days to submit quotation to all enquires.
- If member accepts the quotation, to hold cover within the same working day.
- Not more than 3 working days to approve or decline referred cases.
- · Policy to be delivered to your correspondence address within 10 working days.

The insurer will provided IEM members the following benefits:

- 24 hours emergency towing and minor roadside repair and towing service, free of charge up to maximum RM300.00 anywhere in Malaysia. You don't have to worry looking for a mechanic!
- Assist to arrange hotel accommodation, car rental if required.

In the event of a claim, IEM Training Centre Sdn. Bhd. will request the insurer:

- to approve the repair work within 3 working days.
- for total loss, approve payment within 10 working days.
- for theft cases, approve payment within 3 months.

Please note that service for renewal of road tax service will not be provided because of the liability involves if the Motor Registration Card is lost during transit. Members are advised not to utilize unreliable source as the procedures to obtain a new Registration Card is tedious and time consuming dealing with relevant authorities.

We wish to appeal to members to support the IEM Motor Insurance. Should you have any enquiry, please do not hesitate to contact IEM Training Centre Sdn. Bhd., address, telephone, fax numbers and email address as above.

Thank you.

Engr. Yim Hon Wa Chairman, Executive Committee IEM Training Centre Sdn. Bhd.

## 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

# **Minimise Product Dead Stock in Storage Tank**

by Engr. Ng Kim Chu, MIEM, P. Eng

With the price increase of crude oil and palm oil, the value of dead stock in storage tanks of the related products has also greatly increased. This should have caused concern for product owners.

There are many product storage tanks in petro and petro-chemical plants and also in the palm oil industry. Depending on the tank suction nozzle elevation (height), pump location, piping arrangement (refer to Figure 1) and pump characteristic, all tanks will have varying dead stocks. The total value of dead stock in these tanks can vary from 10 to hundreds of millions of ringgit.

For one 30m in diameter diesel storage tank, based on standard tank design with the tank suction nozzle at 0.6m above tank bottom, at the current price of RM2,000 per m<sup>3</sup>, the amount of dead stock is estimated at 706m<sup>3</sup> while the value is approximately RM1.41 million. (Refer to Table 1 for dead stock value calculation of various tank diameters.)

#### TECHNICAL CONSIDERATION

To assess whether the amount of dead

stock of any tank can be lowered, we need to calculate if the NPSHA (Net Positive Suction Head Available) of the relevant product pump/s for the tank is higher than the NPSHR (Net Positive Suction Head Required). Once this is determined, we can further calculate how much dead stock can be lowered and the cost savings.

#### **CALCULATION OF NPSHA**

To calculate NPSHA, we have to collect the following info/data:

- 1. Current minimum tank operating level
- 2. Elevation or height of existing tank suction nozzle
- 3. Size of tank suction nozzle
- 4. Piping arrangement between tank suction nozzle to pump suction nozzle
- 5. Pump suction nozzle elevation
- 6. Product properties
- 7. NPSHR of the relevant pump/s

From the above info/data, we then calculate the friction loss from the tank

to the pump and work out the NPSHA. (Refer to Table 2.) From the difference between NPSHA and NPSHR, we shall be able to decide how far the minimum tank operating level can be lowered and the amount of dead stock reduced.

Take, for example, an installation which has a diesel storage tank of 30m in diameter. The original minimum tank operating level was set at 1.0m above the bottom datum plate. After the review exercise, the set minimum level was lowered to 0.6m. The dead stock has been reduced by 282m<sup>3</sup> and stock value reduced by RM565,000. At 4% interest per annum, the cost savings is estimated at RM22,600 per annum. The cost of modification was around RM25,000, therefore, the payback in less than two years.

An example for NPSHA calculation is as follows:

## TANK SUCTION NOZZLE MODIFICATION

In most cases, for existing tanks to lower the dead stock, suction nozzle modification will be necessary. Generally, this

Min. Level Dia Area Suct Noz Suct Noz Dead Stock **Prod Price** Reduced **D/S Value** Int. Saving Size-m D/S-m<sup>3</sup> Saving-RM RM p.a. Ht.-m RM/m<sup>3</sup> m<sup>2</sup> m 0.04 \_ -\_ \_ \_ \_ \_ 3 4.95 7.069 0.20 0.40 0.70 2000 3.53 2827.43 113.10 13.74 5 19.635 0.20 0 40 0 70 2000 9.82 7853 98 314 16 0.40 19.79 452.39 6 28.274 0.20 0.70 2000 14.14 11309.73 8 50.265 0.25 0.50 0.83 41.47 2000 25.13 32672.56 1306.90 10 78.540 0.25 0.50 0.83 64.80 2000 39.27 51050.88 2042.04 12 113.097 0.25 0.50 0.83 93.31 2000 56.55 73513.27 2940.53 15 176.715 0.30 0.60 0.95 167.88 2000 106.03 123700.21 4948.01 18 254.469 0.60 0.95 241.75 152.68 178128.30 7125.13 0.30 2000 20 314.159 0.30 0.60 0.95 298.45 2000 188.50 219911.49 8796.46 25 0.60 1.00 490.87 2000 294.52 392699.08 15707.96 490.874 0.40 0.60 22619.47 30 706.858 0 40 1.00 706.86 2000 424.12 565486.68 35 962.113 0.50 0.60 1.05 1010.22 2000 577.27 865901.48 34636.06 40 1256.637 0.50 0.60 1.05 1319.47 2000 753.98 1130973.36 45238.93

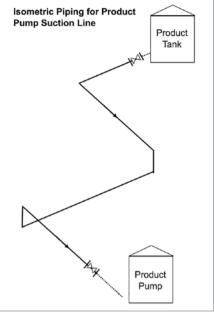
Table 1: Dead stock value calculation

FEATURE

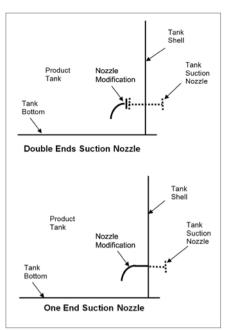
Table 2: NPSHA calculation

NPSH available calc			
Density	kg/m³	input	820
Total Delta head friction	m	input	3.09
Height liquid in tank above pump	m	input	2
Vapour pressure	mbar	input	0
Head vapour pressure	m	calc	0
Atm pressure	m	calc	12.43
NPSH available	m	calc	11.34

modification can be carried out easily. There are two types of suction nozzle in a normal tank design. One type is the double ends design with flange at each end. The other type only comes with an external nozzle. Refer to Figures 2a and 2b for the proposed modification of the tank nozzle for the above mentioned type of nozzles. ■



*Figure 1: Isometric piping from tank to product pump* 



Figures 2a and 2b: Tank nozzle modification



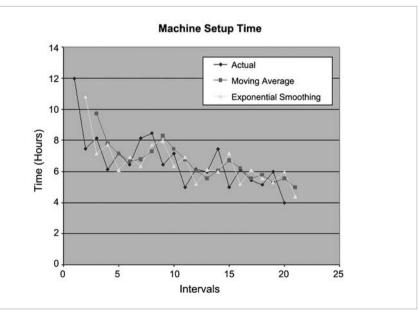
# A Predictive Method in Analysing Past Data – A Real Case on Production Line Setup Time

by Ir. Gan Chun Chet

**THERE** are many data collected that need to be analysed to determine whether a prediction is possible. Many methods can be applied to predict one data ahead of the previous data. The purpose of knowing one step ahead is to determine if the prediction of the next number is a true number so that people can rely on it. Some judgments are blurred by the fact that it is only a guess. The accuracy of the next number is not known until it occurs.

There are several methods that can be applied to determine if a prediction is accurate. Keep in mind that prediction error is another factor that has to be considered before a decision is made. Otherwise, a prediction value is simply accepted in blind faith. Two simple methods are listed here which could be used in a real application.

- Moving Average
- Exponential Smoothing



Graph 1: Machine set-up time trend

#### Table 1: Machine setup time (Hours)

Interval	Actual	Moving Average	Exponential Smoothing (Note-2)	Interval	Actual	Moving Average	Exponential Sn (Note-2
1	12	-	6 (Note-1)	12	6.15	6.08	5.2
2	7.45	-	10.8	13	6	5.58	6.12
3	8.15	9.73	7.16	14	7.45	6.08	6
4	6.15	7.80	7.72	15	5	6.73	7.16
5	7.15	7.15	6.12	16	6.15	6.23	5.2
6	6.45	6.65	6.92	17	5.45	5.58	6.12
7	8.15	6.80	6.36	18	5.15	5.80	5.56
8	8.45	7.30	7.72	19	6	5.30	5.32
9	6.45	8.30	7.96	20	4	5.58	6
10	7.15	7.45	6.36	21	-	5.00	4.4
11	5	6.80	6.92	Notes: 1. Initial Prediction Value is six hours.			

2. Smoothing Constant of 0.8 on actual value.

Table 2: Error in prediction values

Interval	Moving Average Error (Hours)	Exponential Smoothing Error (Hours)	Interval	Moving Average Error (Hours)	Exponential Smoothing Error (Hours)
1	-	-	11	-1.8	-1.9
2	-	-3.4	12	0.1	1.0
3	-1.6	1.0	13	0.4	-0.1
4	-1.7	-1.6	14	1.4	1.5
5	0.0	1.0	15	-1.7	-2.2
6	-0.2	-0.5	16	-0.1	1.0
7	1.4	1.8	17	-0.1	-0.7
8	1.2	0.7	18	-0.7	-0.4
9	-1.9	-1.5	19	0.7	0.7
10	-0.3	0.8	20	-1.6	-2.0

The two methods can be used in an application where the next number is required. Previously, I worked on a project focusing on production line setup time. The setup time was recorded after each activity. The illustration of the aforementioned method as applies to this situation is as follows.

The prediction method utilise past data to predict the next number. It is a method that requires past data to calculate the next value. The mathematical equations help in understanding the real situation in greater detail. The results are built upon data that has been collected. It shows a trend.

The following are two simple methods of prediction.

#### MOVING AVERAGE

It is the average of past facts. If there are two observable time, then the average of the past two will be the next prediction value.

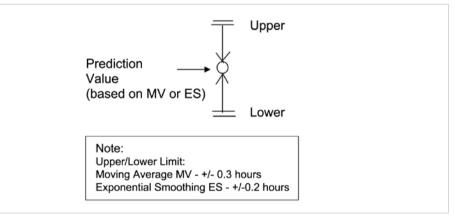


Diagram 1: Limits of Prediction

 $T_{MA} = (T_N + ... + T_{-2} + T_{-1} + T_0) / (N + 1)$ 

- [1]; where  $\boldsymbol{P}_{_1}$  (the prediction value) is TMA

#### EXPONENTIAL SMOOTHING

Exponential smoothing is the weighted factor of a past actual value and a future

prediction value. An initial guess value P0 is required.

ll Smoothing te-2)

$$T_{FS} = \alpha T_0 + (1 - \alpha) P_0$$

- [2]; where  $P_1$  (the prediction value) is TES

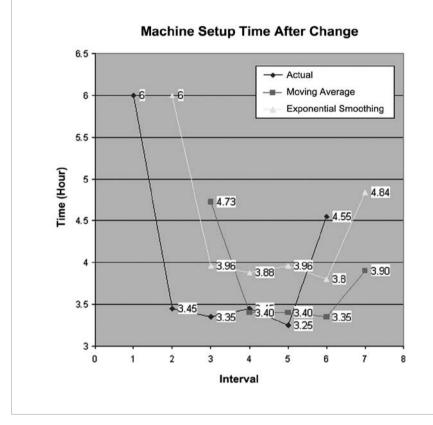
α Smoothing Constant

Table 3: Machine setup time (Hours) after change

In	terval	Actual	Moving Average	Exponential Smoothing (Note-2)		Interval	Moving Average Error (Hours)	Exponential Smoothing Error (Hours)	
	1	6	-	6 (Note-1)		1	-	-	
	2	3.45	-	6		2	-	-2.6	
	3	3.35	4.73	3.96		3	-1.4	-0.6	
	4	3.45	3.40	3.88		4	0.0	-0.4	
	5	3.25	3.40	3.96		5	-0.2	-0.7	
	6	4.55	3.35	3.8		6	1.2	0.8	
	7	-	3.90	4.84					

Notes: 1. Initial Prediction Value is six hours.

2. Smoothing Constant of 0.8 on actual value.



Graph 2: Machine setup time trend after change

#### ERROR IN PREDICTION

Prediction error is the difference between the actual and predicted value. It is not possible to achieve zero error.

#### UNPREDICTABLE EVENTS

Sporadic occurrences are design failures that will cause unpleasant things to happen. It is unpredictable. It occurs due to many unknown factors. It is only known when it occurs.

One well known technique to analyse failure data is Failure Mode and Effects Analysis FMEA. This method is a tool that will build in quality into the product or service. It requires a lot of experience and knowledge to remove the defect(s) from the product or service in analysing possible failures and the actions that are required to avoid. Management involvement, I believe, can remove possible failure in the project.

Applying the two predictive methods on setup time shows a trend. This trend is shown in Graph 1. Table 1 shows the actual time taken to setup the line and prediction values using the above formulae. Table 2 shows the error.

By recording the time after each activity, a trend can be seen in this project.

The personnel involved in the activity worked towards a common goal to reduce the setup time. The prediction values based on equation [1] and [2] ascertain that the setup time is in control. Based on the predictive equations, the next setup time will either increase or reduce a little, ensuring a quantitative approach.

Table 4: Error in prediction values after change

The equations are only a mathematical guide to determine the next unknown value. Based on the first equation, it is calculated by the average of two past values. Based on the second equation, the next value is based on a weighted factor of an actual value and a predicted value. The smoothing constant determines whether the next value is closer to the past value or the past prediction.

By calculating the average of the prediction errors (sum of errors divided by 20), a prediction limit is found. In this case, it is +/-0.3 hours for the moving average method and +/-0.2 for the exponential smoothing method.

Diagram 1 shows that the prediction value based on the moving average method or the exponential smoothing method is either more or less than 0.2 to 0.3 hours of the predicted value (approximately 10-20 minutes).

After recording the time, some changes were made to the production line. The following data shows the result. The time taken to setup the line is more stable. The setup time is shown in Table 3 and the error is tabulated in Table 4.

In conclusion, it is not possible to predict an actual value. Prediction equations only assure methodologically that a value is within the limit. It is only true provided that factors in setting up the machine are the same. A trend line has to be established. The equations roughly predict the next value.



# Efficiently and Beautifully Engineered Complexes

by Engr. Lum Youk Lee, MIEM, P. Eng

**BEAUTY** and efficiency can be mutually exclusive ideas, especially in the context of modern constructions where engineers try to marry them as much as technology and fundamentals allow. In order to expand the horizon further, engineers need to go through cycles of value engineering to creatively rethink design concepts and engineering applications to achieve high reliability and sustainable installations of long equipment lifecycle - and the end result has to be beautiful too.

Modern buildings demand engineering applications that take into consideration operational efficiency, aesthetical value and long term sustainability, but this is certainly easier said than done.

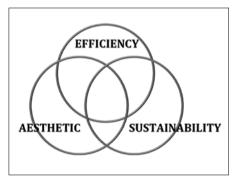


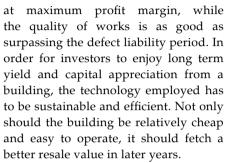
Figure 1: Three factors that influence engineering applications/concepts in modern buildings

Some buildings, which demand good sustainability, may not be able to achieve a high aesthetic value because of the limited construction budget (*i.e.* low cost flats).

On the other hand, some buildings carry significant cultural value, and such buildings may be pricelessly beautiful, but becomes very expensive to sustain (*i.e.* Sistine Chapel). Therefore, it is not an issue of which of the three is more important, it is the wisdom to match the right application to the right development objective.

Generally, construction costs increases as the designer employs higher efficiency applications compared to designs that are just sufficient to comply to the minimum required codes and practices. Although it is cheap to build, the price to pay is higher maintenance in the long run. Again, this is not so much a technical decision, instead, it is an engineering economic decision that takes into consideration financial factors such as construction cash flow and long term yield.

On the other hand, not all buildings are built with the intention of enjoying long term yield, especially for build and sell projects where developers may be more keen to construct them with minimal costs and sell them



We have learned that sometimes engineers need to consider real estate factors in their engineering decision making process. Figure 3 illustrates a typical installation of air cooled split units in a stratified commercial complex. Air cooled split units are poor in energy efficiencies, but flexible for real estate rea-

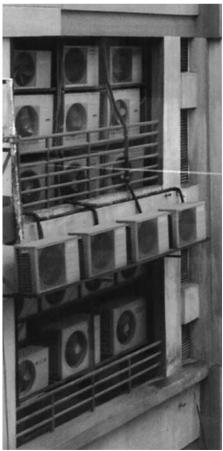


Figure 3: Typical air cooled split systems inadequately positioned in an architecturally challenged environment

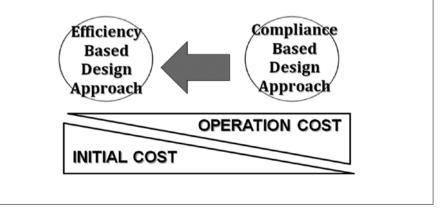


Figure 2: The inverse relationship between initial construction costs against long term operation cost in the context of moving from compliance based to efficiency based design approach



LETTER TO EDITOR



Figure 4: An example of uniquely positioned air cooled split units in a building in Osaka, Japan. Aesthetically pleasing, efficiently positioned

sons and, above all, cheap to install by the unit owner/tenant.

It is commercially wise for the developer to adopt such design approach, which reliefs his obligation to get involved in the issue of long term complicated custodial of the air conditioning system, such as in the case of centralised or VRF. The real estate nature of such buildings will certainly result in an air conditioning system which has less aesthetical value and poor in energy efficiency. If one intends to unrealistically push the limit of the technology envelope, it will generally result in greater losses, both in terms of aesthetics and sustainability. As shown in Figure 3, not only do such configuration of condenser units results in poor heat discharge, eventually, the tenant has to 'creatively' make space for condenser units away from the inadequate space provided.

Figure 4 exemplifies a simple yet efficient approach to position condenser units, a back-to-basic installation method which allows good air circulation for efficient condensing effect. How ugly are the condensers? Do we have better ways to deal with them? Is it really necessary to 'camouflage' these ugly-looking condenser units? We squeeze them into inadequately sized shafts, cage them up in louvers and hide them behind planter boxes – despite knowing the fact that these are NOT efficient, NOT aesthetically pleasing and NOT sustainable engineering options.

Someday, like many environmental protection and animal rights advocate NGOs, engineers may need to organise a campaign to 'free our condensers' or 'stop caging the low static fanned condensing units' in the name of thermodynamics.

## MBAM CCPD Training Programme 2009

The Education and Training Committee of MBAM, in collaboration with Akademi CPD Sdn Bhd, has obtained the continuous support and endorsement of the Construction Industry Development Board (CIDB) Malaysia to conduct the CCPD Training Programme for 2009. The programme aims to sharpen the skills and competencies of construction personnel currently engaged in managerial or supervisory work.

The course fee per module is RM800 (after rebate from CIDB) per person for non-members with CIDB green card and RM112 per person for non-members without CIDB green cards.

For enquiries on the date of the programme and further details, please contact MBAM Training Services Sdn Bhd; Ms. Lim Bee Yong (ext 115) or Ms. Zharraine Chang (ext 113) at 603-7984 8636 or email to mbam02@mbam.org.my.

## **Keeping Branch Websites Current**

(Received on 26 February 2009)

I am happy to note that several IEM Branches have updated their official webpage after a very long period of hibernation. However, I am disappointed to note the lack of content and substance in these websites if one is looking for local events and information.

I believe the purpose of such websites is to serve engineers and all those who wish to seek more information about the engineering profession and the community in their respective states or locality.

Some websites only display a single page listing their committee member lineup, while others stayed dormant from 2003-2004.

The only exception is the IEM Sarawak Branch which outshines all other branches in terms of content presentation and quality of the information as it is regularly updated.

I hope some effort can be made to rectify this issue as the status of such an affair can reflect badly on the image of engineers.

Thank you.

Engr. Albert Tam FIEM 05941

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