



The Malaysia ChemE Car Competition 2015

by Associate Professor Dr Nooryusmiza Yusoff

Associate Professor Dr. Nooryusmiza Yusoff is a co-opted member in the Chemical Engineering Technical Division (CETD).

The Malaysia ChemE Car Competition 2015 was organised by the Chemical Engineering Technical Division (CETD) of the Institution of Engineers Malaysia (IEM) and hosted by Universiti Kebangsaan Malaysia (UKM) at Dewan Canselor Tun Abdul Razak (DECTAR) on 10 - 11 April 2015. Themed the "Guardian of Nature", the event was officiated by YB Datuk Dr. Abu Bakar Mohamad Diah (Deputy Minister of Science, Technology and Innovation) and graced by Dato' Ir. Lim Chow Hock (President of The Institution of Engineers Malaysia), Prof. Dato' Ir. Dr. Abdul Wahab Mohammad (Dean of Faculty of Engineering and Build Environment, UKM), and Engr. Assoc. Prof. Dr. Nooryusmiza Yusoff (Chairman of IEM Organization Committee and Associate Head of School of Engineering and Physical Sciences, Heriot-Watt University Malaysia).

This year marked the 10th competition since it was first held at UKM in 2005. A new challenge based on the concept of the momentum transfer was introduced in order to inculcate complex engineering problems. Here, the ChemE cars were required to knock on a golf ball towards a goal post. This was performed under the conditions that the cars needed to stop at a distance from the Starting Line while carrying a load of water. Both variables were only announced two hours before the start of the competition.

A total of 55 teams from various institutions of higher learning including 1 team from Indonesia participated at the event. The winners of the competition were:

Car Performance

Prizes	University	Team Name	Names of Team Members
1 st	Universiti Teknologi Malaysia	FAST 4	Muhammad Najib B Kasiman Noorsyafika Deanna Binti Azman Muhammad Amirul Bin Azhar Fatin Hazwani Bt Zulkefli
2 nd	Universiti Teknologi Petronas	UTP Rangers	Yap Jun Yong Muhammad Amirul Bin Mokhtar Shalini Selvaraju Vigna Ruban Ram
3 rd	Universiti Teknologi Petronas	Chemliners	Yoong Kai Bin Grace Tan Ying En Lee Xin Ying Liew Wen Xuan
Consolation	UTAR (Perak)	99%E	Lai Wai Seng Low Leong Huat Ng Gan Yuan Chong Wai Lun
	Monash University	Beyond Horizon	Voong Shuh Wee Khor Hui Shan Jimmy Lim Chun Kit Lim Eng Hui
	Universiti Malaysia Pahang	Primemover V2	ELAINE PUI CHIEW LING LIM LIT WOON TAN YONG CHAI TEO YU XUN
	Universiti Teknologi Petronas	Gear Second	Soong Guan Theng Kok Tze Lin Soong Guan Leong
	Universiti Malaysia Sabah	Thermodymax	Lim Beng Chew Adam bin Abd Rahman Woong Cha Zeong Nigel Pearce Paramanathan
	Nottingham University	Chem 20	Seah Wei Hon Woo Khae Shen Chay Jing Wen Low Elaine
	TATI UC	Tati UC1	Mohd Faqwie bin Saharim Mohd Dzul Irfan bin Ab. Rahman Siti Saudah Nasli Nurul Huda binti Baba

	Universiti Kebangsaan Malaysia	Brotherhood	Fadil Bin Ismail Mohamad Farizzuan Bin Abdullah Che Muhammad Faruq Bin Che Abdul Aziz Ismail Bin Wan Ibrahim
	Universiti Malaysia Pahang	3 + 1	TAN KUI MAY KEE YEN DING HIEW MING YU LEE ZHAN SHENG
	International Islamic University Malaysia (IIUM)	Sugar Rush	Nur Alya Batrisya Bt Ismail Nur Fatiha Bt Abu Bakar Awang Hadi Ifwat Awang Bujang Ikhtiaruddin Syahmi Ikhwan

Poster

Prizes	University	Team Name	Names of Team Members
1 st	Universiti Putra Malaysia	Hi-Tech	Nur Izzah Nabilah Haris Mohd Azman Suwandi Yuganeswaran A/L Arumugam Sheikh Muhammad Akmal
2 nd	International Islamic University Malaysia (IIUM)	Sugar Rush	Nur Alya Batrisya Bt Ismail Nur Fatiha Bt Abu Bakar Awang Hadi Ifwat Awang Bujang Ikhtiaruddin Syahmi Ikhwan
3 rd	UCSI	UCSi Team 2	Soh Wei Ming Chong Jeunn Hao Tan Kuan Leong Ho Lup Fai
4 th	Monash University	Nanolattice	Yau Sim Low Ho Mun Chun Edmund Low Yi Wei Ng Wen Cai
5 th	Heriot – Watt University	Chemikaze	Sin Leigh-Anne Suresh Nallan Florence Ong Woei Yng Pang Wei Chuan
6 th	UniKL (MICET)	PRIM	Haziq bin Ramli Muhamad Saiful Ali Bin Mohd Sharif Mohd Syahmi bin Osman Siti Halimaton Nazilah bt Mohd Nordin

7 th	Universiti Teknologi Malaysia	H2GO	Muhammad Zubair Bin Nasir Muhammad Izwan Bin Abd Halim Muhammad Haziq bin Almar Masyaza Syarifah Anis Aqila Binti Syed Nasir
8 th	Universiti Kebangsaan Malaysia	E=MC2	Vijeethira A/p V.ravichandran Kushalini A/p Rames Divyamalar A/p Lengatharan Mohan Batumalai
9 th	Nottingham University	Chem 20	Seah Wei Hon Woo Khae Shen Chay Jing Wen Low Elaine
10 th			

We highly appreciate contributions from the various parties including our sponsor: Suruhanjaya Tenaga

