



## 'JENKING' THE CHAMPS IN SHELL ECO-MARATHON ASIA 2012

A group of undergraduates who were members of the SAE-UMP Club Universiti Malaysia Pahang (UMP) Chapter did the university proud when the car they invented called 'Jengking' (Scorpion) was announced as the winner in the Urban Diesel category at the Shell Eco-Marathon Asia 2012.

The event was held at Sepang International Circuit on July 7, 2012.

'Jengking' was a vehicle designed by SAE-UMP Chapter that ran on diesel.

The name 'Jengking' was chosen as it symbolised speed and prowess in facing all kinds of challenges.

The Team's Advisor, Professor Dr. Rosli Abu Bakar said he was thankful with the win which was something unexpected but much anticipated by UMP denizens since the last three competitions.

"This year, UMP sent two teams for the competition, SAE-UMP Chapter team for the urban concept category

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that runs on diesel as fuel and another team, UMP-MECHAPRO, for the prototype gasoline fuel.

"The win entitled the winner to bring home USD2,000 in cash and a trophy," he added.

'Jengking' also recorded a commendable record of 50.8 km for a litre of diesel, beating the rest of 119 cars submitted by teams from countries in Asia and Middle East.

A total of 1,500 students from 18 countries took part in the competition which was divided into two categories – urban (three wheels) and prototype (four wheels).

SAE-UMP Team Captain, Johli Ibrahim, 23, was elated with the win and all the hard work had paid off after they were announced as the champion.

"The secret behind the success was the firm support from UMP and the

accommodating attitude among group members.

"The success is also due to the commitment of all group members who were willing to spend most of their time, day and night, working on the car.

"Also, we would like to thank UMP teaching staff who provided many ideas and put in a lot effort to complete the project and in the process, making us the champion," he said, adding, 23 undergraduates were involved as well.

They were from the Faculty of Mechanical Engineering, Faculty of Electrical & Electronics Engineering, Faculty of Manufacturing Engineering and Faculty of Chemical & Natural Resource Engineering.

The success was definitely a boost for UMP-MECHAPRO team to continue to work harder after getting 13<sup>th</sup> placing

in the prototype gasoline fuel category.

Other winners in the competition were NP Distanza-UC from Ngee Ann Polytechnic, Singapore that covered a distance of 118.8 km/kWh and Cikal Cakrawala from Bandung Technology Institute, Indonesia, recording a distance of 74.9 km/kWh with its battery electric prize.

The Solar Prize was won by UKM1, Universiti Kebangsaan Malaysia (UKM), Petrol Fuel Award by Cikal Cakrasvarna of Bandung Technology Institute, Indonesia that covered 196.3 km/l and Sadewa of Universitas Indonesia, Indonesia – with 152.3 km/l distance while Alternative Diesel Fuel Award winner went to ITS Team 2, from Sepuluh Nopember Technology Institute, Indonesia with a distance of 166.9 km/l (FAME).