

UGM SEMAR Cars Ready to Compete at KMHE Competition 2016

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The SEMAR UGM team launched three cars to compete in the Energy Efficient Car Contest (KMHE) 2016 from 31 October to 4 November in the Prambanan temple compound in Yogyakarta. As host of the competition, UGM has targeted to be the grand champion.

“This competition becomes a good momentum. We have to do our best. It’s time to prove that at home SEMAR can be the best,” said Vice-Rector for Academic and Student Affairs Prof. dr. Iwan Dwiprahasto, M.Med.Sc., Ph.D., during the launch of the SEMAR cars on Monday (24/10) in Balairung UGM.

“We would continue to encourage, support, and mentor you all. We hope you would be the best and be a good role model for others, starting small but eventually becoming a great contribution to the nation,” he said.

During the KMHE 2016, the SEMAR team will participate in the category of Urban Concept through the SEMAR URBAN GASOLINE car that has the concept of 4 wheels city car using gasoline, in the Prototype category through the SEMAR PROTO DIESEL car using diesel fuel and SEMAR PROTO

ELECTRIC car that runs on electricity.

With the jargon “More Distance Less Energy”, the team will continue to develop the car that minimises use of fuels. There are great changes being made to the SEMAR URBAN GASOLINE and SEMAR PROTO DIESEL that now use composite material for the chassis with carbon fibre that can reduce the weight of the car up to 50%.

These changes affect significantly to the aerodynamics and use of fuel. PROTO DIESEL that runs on 210 cc machines is targetted to use fuels up to 500 km/litre.

“With these changes for innovation and concept improvement, we’re optimistic that we can be the champion of the KMHE 2016 and SEMAR be the king at home,” said Fachmi.

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