

Semar UGM Among Winners of National Energy-Efficient Car Contest


Thursday, 25 November 2021 WIB, By: Salma



The government-run Energy-Efficient Car Contest (KMHE) has concluded on 20 November. Held in a hybrid manner, offline in Surabaya and online, the contest has finally announced its set of winners. Of the 24 teams from 24 Indonesian universities that participated, Semar UGM managed to secure two titles in the Proto-Electric Car and Eco Fun Race-Electric Car categories.

General Manager of Semar UGM Hendra Widyatmoko (Mechanical Engineering) said the team created a prototype car that uses a low-power electric motor with a super-efficient controller. With the said design, the car has broken a new record for the Asia Pacific region with a mileage of 644.77 km/kWh, previously achieved by China's HuaQi-EV with 501.6 km/kWh.

"Alhamdulillah, it was smooth sailing throughout the stages, from proposal submission, scrutineering to the competition day. We won first place in two categories. Hence we would like to thank all parties who have supported us, both internally (the University, the Department of Mechanical and Industrial Engineering, and the Faculty of Engineering) and externally," he said, Monday (22/11).



Semar UGM Supervisor Dr. Jayan Sentanuhady said the team took three years to develop the car, starting from designing, manufacturing, and participating in the race. In addition, the good cooperation among three different cohorts involved in the creation has been among the key factors that help them claim the titles.

Author: Ika

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