

Arjuna Electric Car Design Tops 2021 PLN ICE

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Ninth Generation UGM Arjuna team won 1st place in the 2021 PLN Innovation & Competition in Electricity (ICE) held online on May 7-June 24. Among the three categories of the competition, Arjuna championed the Electric Vehicle Design & Prototype Competition. The 2021 PLN ICE, organized by PT Perusahaan Listrik Negara (Persero), aims at encouraging students to start innovating and developing research on environmentally sound electric vehicles.

“Our electric car concept is called DARUNA, which stands for *Dari Arjuna untuk Indonesia*,” said Head of Arjuna’s Mechanics Department Zaky Fadlurrahman, Friday (25/6).

Zaky added that 45 teams across Indonesia participated in this national competition. According to him, Arjuna’s intention to join the competition is to test and hone the entire team’s skills and knowledge in electric car technology and business development. Arjuna is an Indonesian electric vehicle team consisting of students from Universitas Gadjah Mada that regularly partakes in the renowned Formula SAE Japan (FSAEJ) competition. However, Arjuna doesn’t go to this year’s FSAEJ as it now only accepts participants from within Japan due to the COVID-19 pandemic.

Inherenta Muhammad Amarutli, the current generation Arjuna Captain, said the Arjuna team had

the vision to become one of the best Formula Student teams in Southeast Asia and the world. Hence, they would continue to create research-based innovations and sustainable work in every competition they entered next.

“Our achievement in this competition will boost our determination and preparation for our main targets, 2021 FSEV India and the upcoming FSAE Japan,” said Inherenta.

According to him, Arjuna is committed to consistently evaluate and improve their electric car development down through the generations. Inherenta added that student participation in the PLN ICE proved that young people in Indonesia were more than ready to face Industry 4.0, especially in the creation of environmentally-friendly electric cars.

Author: Ika

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