

General

UMPSA launches E-Motion UMPSA Motorsport Team’s combustion-engine and electric racing vehicles

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KUANTAN, 29 August 2026 – Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) launched the E-Motion UMPSA Motorsport Team’s combustion-engine and electric racing vehicles in conjunction with Temasya Warisan Pahang 2026, held at the Sultan Haji Ahmad Shah Royal Museum Complex.

The ceremony was officiated by UMPSA Vice-Chancellor, Professor Ts. Dr. Yatimah Alias, together with Director of the Pahang State Museum Corporation, Dato’ Setia Jaya Dato’ Ahmad Farid Abd

Jalal, who also witnessed the unveiling of the latest racing vehicles designed and engineered by UMPSA students.

Also present was UMPSA Motorsport Club Advisor, Ts. Dr. Mohd Fadzil Abdul Rahim.

According to Professor Ts. Dr. Yatimah, the E-Motion UMPSA team was established under the Faculty of Mechanical and Automotive Engineering Technology (FTKMA) before officially coming under the UMPSA Motorsport Club in November 2025.

“This team brings together talented students from the fields of technology, engineering technology, and engineering, including students enrolled in UMPSA’s dual degree programmes.

“Furthermore, the team’s main focus is on mastering high-performance vehicle engineering, electric vehicle (EV) technology, hybrid electric vehicle (HEV) technology, and autonomous systems.

“The team’s track record is particularly impressive, having gained national attention when E-Motion was crowned Overall Champion in the first series of the Next Generation Vehicle (NxGV) Challenge 2025, organised by MARii and SAE Malaysia, with PERODUA as the main sponsor,” she said.

The team continued its success from 21 to 23 April 2026 when it participated in Formula Student Malaysia (FSM2026) at the Dato’ Sagor Circuit, Perak, competing in two main categories, namely the 150cc internal combustion engine (ICE) and electric vehicle (EV) categories.

The E-Motion UMPSA Motorsport Team is now preparing to take on the NxGV Challenge 2026–2027 in three main categories: Hybrid Electric Vehicle (HEV), Electric Vehicle (EV), and Driverless Vehicle (DV).

According to the schedule, the team's next challenge in the Driverless Vehicle (Level 1) category will take place from 24 to 27 September 2026.

Meanwhile, the main competitions for the EV and HEV categories are scheduled for 11 to 15 November 2026.

These efforts will culminate in the NxGV 2026–2027 Grand Finale, held in conjunction with the Malaysia Autoshow 2027 in May 2027.

The university appreciates the support and opportunity provided by the Pahang State Museum Corporation for the E-Motion Team to showcase its vehicles during Temasya Warisan Pahang 2026, which runs from 29 August to 7 September 2026.

The E-Motion Team is more than just a racing team.

It serves as a platform for developing versatile talent by integrating technical skills, leadership, problem-solving abilities, and teamwork.

As an engineering- and technology-based university, UMPSA remains committed to providing the best platform for students to apply their academic knowledge practically in the development of high-performance vehicles.

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