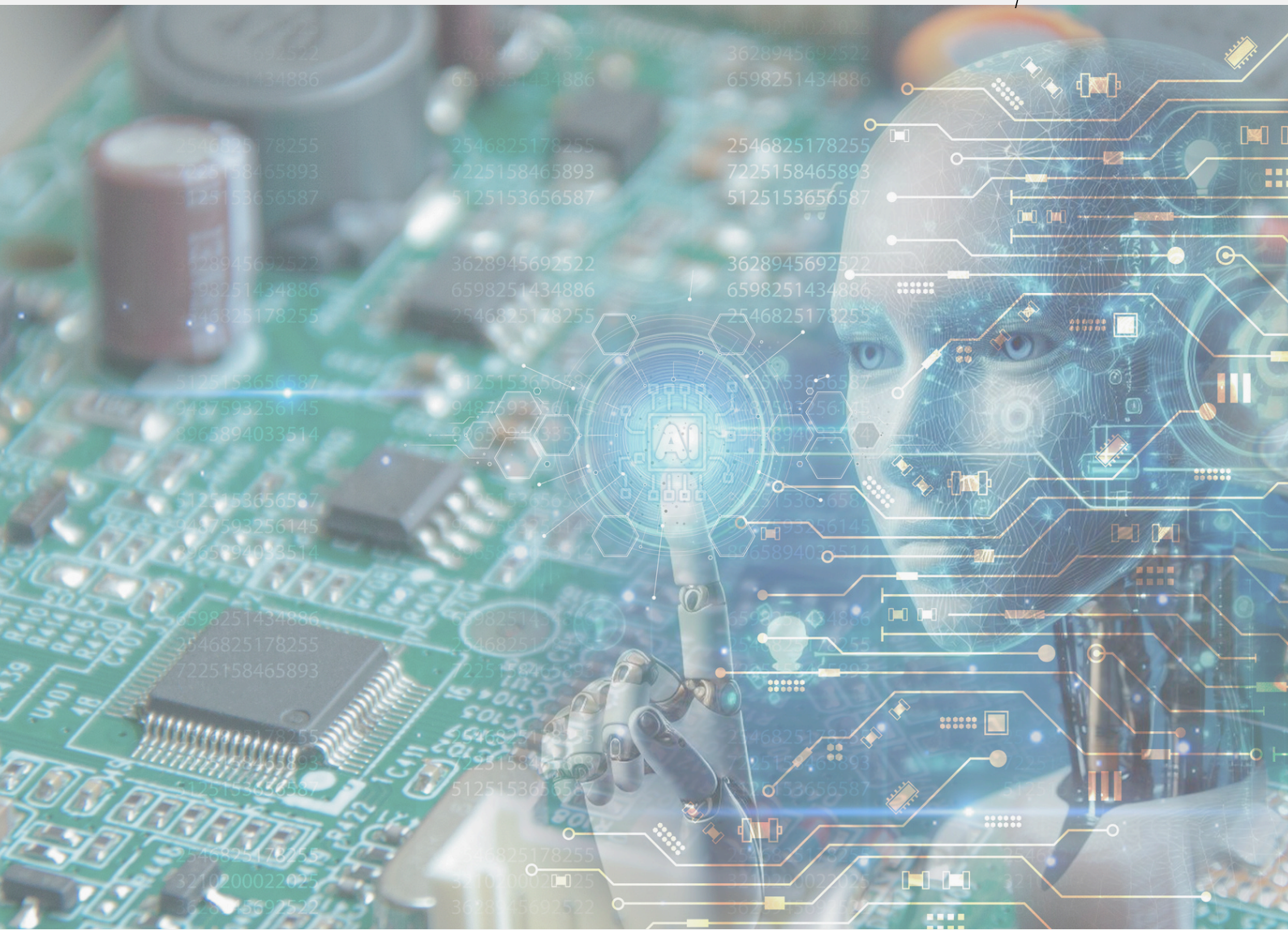




ELECTRO MATTERS

July-September 2024

ACHIEVEMENTS

Advancing Infrastructure

We congratulate Professor Ts. Dr. Mohamad Rusop Mahmood and his team, including Dr. Noor Asnida Asli, Salifairus Mohammad Jafar, Assoc. Prof. Dr. Zuraida Khusaini, Assoc. Prof. Ts. Dr. Mohd Firdaus Malek, Dr. Mohd Husairi Fadzilah Suhaimi, Mohibah Musa, Muhamad Faizal Abd Halim, and Mohd Azlan Jaafar, on securing a RM 464,100 National Grant from the Kementerian Ekonomi Malaysia for their project, "Enhancing Research Instrument Management for Public Universities in Malaysia."

Research



Pioneering Smart Energy: Revolutionizing Renewables with VPP Technology

The Solar Research Institute (SRI) of UiTM, led by Prof. Ir. Dr. Nofri Yenita Dahlan and supported by PETRONAS Research Sdn Bhd, is pioneering innovations in renewable energy with its Virtual Power Plant (VPP) technology. By integrating solar photovoltaic, battery storage, and demand response into a smart, decentralized network, VPP technology enhances grid stability, reduces energy costs, and lowers carbon footprints. This groundbreaking work positions SRI at the forefront of sustainable energy solutions, driving the shift towards a greener, more resilient energy future.



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