



Research *NEWS*

Department of Research & Innovation, UTM

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Penyelidik UiTM Pulau Pinang Membanggakan Negara di Pentas Antarabangsa!

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ISIS Neutron and Muon Source, United Kingdom



Three researchers from Universiti Teknologi MARA (UiTM) Cawangan Pulau Pinang, Permatang Pauh Campus have brought pride to Malaysia after being selected to conduct experiments at the ISIS Neutron and Muon Source in the United Kingdom, one of the world's leading neutron research facilities.

The research team, led by Ir. Ts. Mohamed Syazwan Osman, Senior Lecturer at the Faculty of Chemical Engineering, UiTM Cawangan Pulau Pinang, together with two Doctor of Philosophy (PhD) candidates, Nur Lina Syahirah Mustapa and Anis Syuhada Saufi, is undertaking a research project focused on developing innovative technologies to address the growing challenge of microplastic pollution while enhancing the value of plastic waste through advanced materials engineering.

Adding to this remarkable achievement, both young researchers were directly involved in experiments using the LARMOR Small-Angle Neutron Scattering (SANS) instrument, a world-class facility utilised by scientists from around the globe to investigate the structure of materials at the nanometre scale.

The opportunity to conduct research at this prestigious facility was earned after successfully passing a highly competitive international scientific peer-review process, underscoring the capability of Malaysian researchers to compete and excel on the global stage.

This achievement reflects how knowledge cultivated at UiTM transcends borders, showcasing Malaysia's expertise to the international scientific community while contributing to sustainable solutions for environmental challenges and advancing the well-being of future generations.



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