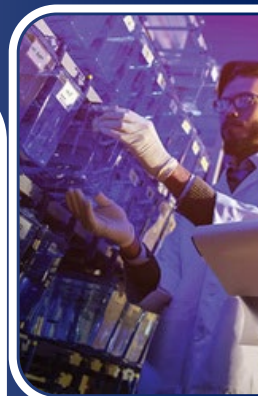


1st EDITION UiTM GLOBAL PENANG Newsletter

GLOBAL INSIGHTS: NAVIGATING UNIVERSALITY WITH UiTM PULAU PINANG



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UiTM Global @ Office of International Affairs,
Academic Affairs Division,
Universiti Teknologi MARA, Pulau Pinang Branch,
Pulau Pinang,
Malaysia.



Capturing one of the unforgettable moments from the 4th International Conference on Science, Engineering and Technology (ICSET) 2024

OPEN THE DOOR TO GLOBAL PERSPECTIVES FOR STUDENTS THROUGH INTERNATIONAL CONFERENCES

Noorsuhada Md Nor

10 to 11 July 2024 (**Bandung, Jakarta**): In today's globalised world, students need to broaden their perspectives beyond their local environment to understand and engage with international issues, especially in the field of engineering. One of the most effective ways to achieve this is by physically attending international conferences. These conferences serve as a gateway to global perspectives and provide students with the opportunity to engage with a variety of people, issues and ideas from around the world. At international conferences, students learn about pressing global issues such as climate change, human rights, technological advances and innovation from diverse perspectives.

In such an environment, students not only acquire new knowledge, but also develop a deeper understanding of how different cultures, regions and nations approach global challenges. This encourages critical and creative thinking and enables students to approach problems with more nuanced and comprehensive solutions.



Capturing memories at Hemangini Hotel, Bandung following the ICSET 2024 conference





Left: Capturing a moment with participants from Malaysia, and right: During the conference opening.

For this reason, the author, a lecturer in Civil Engineering at Universiti Teknologi MARA (UiTM) Pulau Pinang Branch took the opportunity to bring Postgraduate students (Nur Syahirah Othman and Nur Atikah Adila Abdul Mutalib) to Bandung, Indonesia, to present their work at the **4th International Conference on Science, Engineering and Technology (ICSET 2024)**. The conference, which was attended by both national and international participants, was held at the Hemangini Hotel in Bandung. The first keynote speaker, Prof Dwiwahju Sasongko from the **Fakultas Teknologi Industri, Institut Teknologi Bandung, Indonesia**, gave a presentation on "The Implementation of Clean Coal Technology to Support Energy Transition Toward Net Zero Emissions: The Case of Indonesia."

The second keynote speaker, Prof Tom Welton, from the **Faculty of Natural Science, Imperial College London, United Kingdom**, spoke on the Progress of a Science Policy Panel on Chemicals, Waste and Pollution Prevention. Attending international conferences generally helps students understand how interconnected the world has become. Issues facing one country can impact the entire global community, and through these gatherings, students gain insight into how cooperation between nations can lead to better solutions.

This understanding fosters a global mindset and prepares students to think beyond their immediate surroundings and engage with the world on a larger scale. The positive feedback from students shows that this approach is bearing fruit.

Nur Syahirah said: "I felt an overwhelming sense of pride as I prepared to present my research on the materials replacement, specifically eggshell powder and silica fume in cement. Sharing my findings with such a distinguished audience filled me with a sense of accomplishment. The insightful feedback I received helped refine my ideas and opened new research avenues. The event also allowed me to develop key skills such as public speaking, science communication, and critical thinking while boosting my confidence in presenting complex concepts. The innovative atmosphere and networking opportunities enhanced my professional growth and passion for sustainable construction research."



Experiencing The Lodge Woodland during the trip from Bandung to Jakarta, Indonesia.

Nur Atikah Adila said: “With participants from several countries, the conference provided a fantastic opportunity to observe a wide range of presentation techniques. I had the pleasure of meeting people from different backgrounds, which helped me expand my professional network both locally and internationally. The range of topics covered at the conference gave me insight into areas both within and outside my specialism. I improved my public speaking skills and boosted my confidence when I presented my study on magnetic metal memory for reinforced concrete structures. Also, being in Bandung added a unique cultural dimension to the experience, making it not just an academic event but also a meaningful cultural exchange.”

In addition to presenting papers at the conference, the trip gave the author and students the opportunity to explore Bandung's scenic spots. They visited Kawah Putih, a stunning volcanic crater lake, and The Lodge Woodland, a scenic destination known for its outdoor activities and breathtaking views, which enriched their overall experience.



An educational visit to Kawah Putih in Bandung, Indonesia.

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