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GRU2025 MOU

20/09/2024 / [NOOR ALYIA BINTI MOHAMAD LAZAL & NOOR ATINI OTHMAN](#)



Surabaya, Indonesia — Fifteen students from Universiti Teknologi MARA (UiTM) participated in a two-week summer camp on embedded programming which ran from August 25th to September 5th, joining peers from Shibaura Institute of Technology (SIT), Japan and *Institut Teknologi Sepuluh Nopember* (ITS), Indonesia. The program enhanced students' technical skills, global competencies, and cultural understanding through hands-on learning and cross-cultural exchanges.



The camp provided training on embedded programming, covering C programming basics and Arduino Uno applications. Led by professors from SIT, including Akihiko Hanafusa, Takumi Miyoshi, Kazuhisa Ito, and Motoki Takagi, the students learned circuit assembly and system development. The students worked in international teams to design and present embedded system projects, refining their technical skills, teamwork, and presentation abilities.

The program concluded with group presentations judged on creativity, technical accuracy, and presentation quality, with awards given to top teams. This experience highlighted the application of classroom knowledge to real-world challenges and the value of collaboration.

A key highlight of the camp was the visit to local museums and cultural sites in the heart of Surabaya City and the trip to Mount Bromo in Bromo Tengger Semeru National Park to see a stunning sunset. These experiences fostered friendships and deepened their appreciation of Indonesian culture, preparing them for global teamwork in their future careers.



The international camp not only strengthened students' technical skills but also broadened their perspectives, equipping them for a globalized workforce. UiTM is committed to providing students with such international exposure, enhancing their academic and professional growth through diverse learning opportunities. The university aims to continue expanding these collaborations, helping students connect, learn, and succeed on a global stage.

This summer camp has been a pivotal experience for UiTM students, blending technical education with cultural exploration and laying a strong foundation for their careers in embedded programming and beyond.

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