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ITS
Institut Teknologi
Sepuluh Nopember



ITS
Global
Engagement

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ITS Rank in QS WUR 2022



Quacquarelli Symonds (QS) has released the World University Rankings (WUR) 2022 on June 8, 2021. The ranking was released virtually in EduData Summit Meeting, June 8-11, 2021. This year's university rankings are the largest as it features 1,300 universities from around the world. ITS was ranked #751+ in QS WUR 2022, maintain the 6th position among universities in Indonesia. QS World University Rankings used 6 indicators to evaluate the performance of universities, i.e., Academic Reputation (40%); Employer Reputation (10%); Faculty/Student Ratio (20%); Citations per faculty (20%); International Faculty Ratio (5%); and International Student Ratio (5%). Overall, ITS achieved the total score of 14.9 out of 100.

Academic Reputation and Employer Reputation are evaluated based on QS reputational survey. Although the scores of ITS for these two indicators continuously increase, but it still requires great effort to improve the reputation as a world class university. In terms of research and publications, ITS continuously extends the network and collaboration with universities around the world. Reward schemes are applied to boost the motivation of lecturers to publish articles in high impact factor journals. On the other hand, ITS initiates many virtual short programs that can attract international students to join and participate in the programs.

ITS Geophysics Experts Innovate Tsunami Early Detector by the Wave Reflection

Indonesia is one of the countries with a high risk of tsunami. Responding to this phenomenon, three experts from the Department of Geophysics Engineering, Institut Teknologi Sepuluh Nopember (ITS), innovate a tsunami early detector by utilizing the principle of wave reflection. Those experts are Dr. Ir. Amien Widodo M.Si., Juan Pandu Gya Nur Rochman S.Si. M.T., and Kharis Aulia Alam S.T. This innovation is named SENOPATI, which stands for Sepuluh Nopember Pendeteksi Awal Tsunami. feugiat nulla facilisis at vero eros

SENOPATI works by using the wave reflection principle, where sensors can measure the height from the water level to detect the arrival of a tsunami. The detector is applied in two sensors, namely ultrasonic sensors and Doppler sensors. If a rapid decrease in water level is identified, this device will display a red color, and the buzzer will flash to send an evacuation warning. This research has been going on since 2019 and continues to be developed until now. Initially, this research aims to make a tsunami detector that is easy to apply and inexpensive. In the future, Dr. Amien hopes that SENOPATI can get more support so he can continue for further development.



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ITS Students Bring Home 4 Awards from Singapore

Institut Teknologi Sepuluh Nopember (ITS) students achieved another big win in the international event. This time, four students from ITS Model United Nations (MUN) Club managed to bring home four awards at once in Singapore Model United Nations (SMUN) 2021 which was held virtually for four days, starting June 7th. The four students consist of Kennard Mahib Bariyanto from Department of Information Systems and Letarensky Threshanauly from Department of Sea Transportation Engineering, who won the award for Verbal Commendation, Jemima Audrey Natasha from Department of Marine Engineering as the Most Outstanding Delegate, and Muhammad Fikrar Claverio from Department of Architecture as the Best Position Papers.

Model United Nations (MUN) is a simulation of the UN conference that hones participants' abilities to become diplomats. Participants will be given topics to discuss and a country to be presented. During four days of SMUN, participants were given 8 times of debate session, 2.5 hours for each session. This conference did not only examine the English skills, but also diplomacy, negotiation, leadership, writing, and other problem-solving skills. ITS delegates have spent three months for the preparation of this event. Previously, these students from ITS MUN Club have joined several international MUN, from Germany to the Netherlands.



ITS Launches Society 5.0 in Collaboration with Kumamoto University

Institut Teknologi Sepuluh Nopember and Kumamoto University are once again collaborating in a virtual program, entitled Society 5.0: Multidisciplinary and Global Perspective. This program aims to prepare the students to be enlightened future generations in the Society 5.0 era. The first session was successfully conducted on June 15th with 88 selected students from both universities as participants and five lecturers from Kumamoto University as speakers, namely Prof. Armando T. Quitain, Prof. Ursula Koike, Dr. Joshua Rickard, Dr. Jincao Wang, and Mr. Lander Sims.

Mentioned by Prof. Armando, Society 5.0 is a concept of human-centered society that balances economic advancement with the resolution of social problems by a system that highly integrates cyberspace and physical space. This concept was initially proposed by Japan and later spread to other countries, including Indonesia. Through this program, participants will experience various lectures from international speakers, group-projects, and cultural activities. This program will be held every Wednesday from June to July.



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Voice of Partner John Terence C. Guarino from the Philippines



"First of all, I want to express my gratitude and appreciation to Institut Teknologi Sepuluh Nopember, Surabaya and all its officials and staff for this learning opportunity that has opened doors and helped me unlock one of my bucket list dreams of learning a foreign language, not only that but with a bonus of getting insights about the Indonesian culture. I am very glad to have taken this language and cultural course because it has deepened my understanding of how great Indonesia is as a country, from the culture, the food, the sceneries and landmarks, the history, and especially, the kind people. This program stirred up a desire in me to visit Indonesia and witness its captivating beauty, especially Surabaya. I had a lot of fun learning and meeting new people through this platform. I think having this kind of program fosters international cooperation, collaboration, and most of all develops friendship and harmonious relationships with people across the globe. I really hope to get invited and join any future gratuitous programs of ITS Surabaya. From the bottom of my heart, terima kasih banyak."