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ITS
IN
THE **IMPACT
RANKINGS
2021**

Students' Achievement:

ITS Team Sapuagin Won Shell Eco-Marathon Asia 2021

ITS Joined e-START Program
with Hiroshima University

French Government Honoured
ITS Lecturer with Prestigious Award

Voice of Partner
Prof. Gianfranco Risuleo

ITS IN THE **IMPACT RANKINGS 2021**

Times Higher Education (THE) has just released the Impact Rankings 2021 on April 21, 2021. The Times Higher Education Impact Rankings measure global universities' success in delivering the United Nations' Sustainable Development Goals. The third edition includes 1115 institutions from 94 countries/regions. THE Impact Rankings use indicators to provide comprehensive and balanced comparisons across four broad areas: research, stewardship, outreach, and teaching.

A university's final score in the overall table is calculated by combining its score in SDG 17 with its top three scores out of the remaining 16 SDGs. SDG 17 accounts for 22 percent of the overall score, while the other SDGs each carry a weight of 26 percent. This means that different universities are scored based on a different set of SDGs, depending on their focus.

This year, ITS leaped from No 401-600 in 2020 to No 64 in THE Impact Rankings 2021 globally. Aside from SDG 17 (Partnerships for the Goals), SDG 1 (No Poverty), SDG 7 (Affordable and Clean Energy), and SDG 8 (Decent Work and Economic Growth) were selected as the highest SDGs scores. In Indonesia, ITS was ranked No 1. Congratulations to ITS!



ITS Team Sapuangin Won Shell Eco - Marathon Asia 2021

ITS Team Sapuangin once again made an international achievement by winning second place in Shell Eco-Marathon Autonomous Programming Asia 2021. Sapuangin is a research team consisting of ITS best students that focus on issues concerning energy saving and automotive industry. In this competition, ITS Team Sapuangin developed track lines and driving schemes through programming.



As explained by the Head of Electrical Division of Sapuangin, Muhammad Samsul Arifin, his team developed the track, perception, and control algorithm for autonomous vehicles using Robot Operating System (ROS). The code created from ROS was then run using Microsoft Airsim on Unreal engine with C++ and Python as the programming languages. The team, guided by Ir. Witantyo M.Eng.Sc and Dr. Ir. Atok Setiyawan M.Eng.Sc., has managed to become the second most effective trajectory and energy consumption, setting aside 100 teams from all regions. This achievement will be the foundation for Sapuangin to win more international competitions. The role in the world of engineering has been more recognized.

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ITS Joined e-START Program with Hiroshima University

Started from January 30, 2021, ITS joined e-START Program proposed by Hiroshima University, Japan. The virtual short program also invited University of Philippines, Diliman. Each university sent 10 students, so that in total there are 30 participants from students and four lecturers from the three universities. Bringing the theme "Regional Strategy for Promoting Renewable Energy", the program was held every month, from January to March. In total, there were four times virtual meeting.

The participants from the three universities are divided into five groups. Each group chose a case study area from Indonesia, Japan, and the Philippines. Besides choosing a case study area, each group also selected a potential sector to be developed, such as, transportation, electricity, energy, and hydropower. In this program, the participants are requested to prepare a road map to foster the promotion of renewable energy in the case study area. Not only learning about the strategy for promoting renewable energy, but the students can also extend the friendship network productivity.



French Government Honoured ITS Lecturer with Prestigious Awards

French Government recently honored one of ITS Lecturers, Prof. Dr. Ir. Ria Asih Aryani M.Eng., with the Chevalier dans L'Ordre des Palmes Académiques Award for her contribution in helping at least 20 Indonesian students to pursue their Master and Doctoral degree in France. Prof. Ria received this award on March 24, 2021, at the French Consulate Office in Surabaya.

Prof. Ria who has also won Prix Mahar Schützenberger often invites French professors to conduct guest lectures in Indonesia and has been actively involved in research collaboration with French researchers since 1994. Within this award, she will continue to help more Indonesian students to study in France and invite more French professors to conduct guest lectures in Indonesia.



L'Ordre des Palmes Académiques is a world prestigious award conferred by the French Government to academics from all over the world who have made a major contribution to cooperation between France and a related country in the fields of education and culture. It would take at least 10 years of service or extraordinary achievements for someone to be honored with this award.



Voice of Partner Prof. Gianfranco Risuleo

"I am Gianfranco Risuleo, an academic staff of Sapienza University of Rome, Italy. I had a chance to visit ITS as an awardee of Erasmus' International Mobility Programme for Academic and Knowledge Transfer (IMPAKT). The experiences I got when I was at ITS were indeed highly positive and the relationship with academic personnel of the Departments of Biology and Chemistry was fruitful. We are now writing a review article on natural substances which is a field of common interest. During the lectures, for both master and doctoral levels, I was also pleased to experience that students are well trained and updated to many novel subjects of molecular biology and biotechnology. As a consequence of this first interaction, I was recently invited to deliver a speech as a keynote speaker at the 3rd International Biology Conference (IBOC). One final observation: the proverbial Indonesian hospitality and generosity enriched very much my stay at ITS. I am also convinced that my university as well as ITS will benefit from future initiatives contemplating the exchange of academic personnel and students. The final impression is that ITS has an active structure that deserves the highest consideration in future interactions with foreign universities and research institutions."

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