

WELCOMING 42 STUDENTS FROM TIMOR-LESTE

A series of selection process was conducted by the delegates from the Directorate of Academic Affairs and the Directorate of International Relations of Institut Teknologi Sepuluh Nopember (ITS) with the Fundus Desenvolvimento Capital Humano (FDCH) team from Ministry of Planning and Strategic Investment (MPIE) at the Center of Indonesian Culture, Dili, Timor-Leste.

The selection process was held within 3 days which covers the Academic Potential test (Math and Physics) and interview. The final announcement was finally held on April 20, 2017, by selecting 42 (forty-two) best candidates to be accepted as ITS students in academic year 2017/2018.

FDCH Scholarship is a form of East Timorese government support for its students by completing their degree program abroad. ITS was chosen because it has been renowned as a leading institution in the field of technology and information which is related to the scheme of Timor-Leste development.

Eventually, this program is expected to strengthen the cooperation between ITS with MPIE, Democratic Republic of Timor-Leste.

Welcome and start your remarkable journey with ITS!



AUN/SEED-NET PHASE 4: The Collaborative Education Program

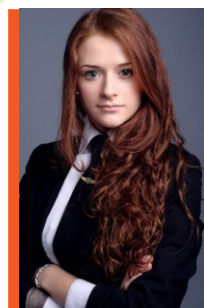


AUN/SEED-net has been established to promote human resource development in engineering for the sustainable socio-economic development of the ASEAN region. Involving in the international consortium is one of ITS' s strategies to enhance international cooperation as a world-class university. ITS as an institution is actively involved in ASEAN University Network/Southeast Asia Engineering Education Development Network (AUN/SEED-net) since phase 2 in 2008.

In the third year of Phase 3, some of ITS lecturers and students were successfully dispatched to participate in a short-term exchange program in Japan and ASEAN countries as well as obtaining their Ph.D. This consortium is a very beneficial for ITS and we truly believe the numbers will promisingly increase in coming years. This year AUN/SEED-net is awarding the regional conference fund to Civil Engineering Department and Electrical Engineering Department to host their event.

By considering the benefit of this consortium, ITS decided to propose additional host institutions in AUN/SEED-net phase 4 which is Mechanical Engineering Department. A new scheme of a program is being introduced as the collaborative education program, including a human resource for industry and support for alumni. The concern is based on the sustainability of AUN/SEED-net cooperation, even if it is no longer supported by JICA.

INTERNATIONAL STUDENT SAYS...



Anastasiia Dotsenko,
Darmasiswa Participant 2016 from Ukraine

"It's not easy to describe what I feel after 7 (seven) months being here, as far as I consider my stay in Indonesia as the best experience. It is at the same time a great, adventurous, crazy hence I am extremely happy to live in Indonesia and get to know its people, culture, and language.

As you may know living abroad sometimes can make you down or homesick but I can truly say that thanks to the people I met, it never happened to me as Indonesia has unique and endlessly hospitable smiley inhabitants. I met real friends and mentors, I learned from strangers and hosted by locals whenever I go in any kind of situation. It's strikingly but having that much diverse ethnic groups with different languages, cultures, and traditions, Indonesian people can keep their unity no matter what and showing an outstanding willingness to share about their native country with foreigners.

Here a lot of things to explore, and unbelievably all of this I experienced for the first time in one country – INDONESIA! I'm thankful for the program which can bring this unique country to the world, I proud to be a part of it and I am happy to bring the culture of Indonesia to my country Ukraine." Thank you, Indonesia, you are forever in my heart.

Gerrit Lambertus Bakker (Laurens)

Student of Saxion University of Applied Sciences - Dutch (Non Degree) LBI Internship Bachelor at Urban & Regional Planning Dept. of ITS, Feb - June 2017

"I chose to do my final research at ITS because since the first mail contact it seems to be an open, inviting university, and Indonesia is always a country I wanted to visit. I was not disappointed. Ever since the day I arrived in Surabaya, I felt welcome on the campus and in my department. During my study, I've participated in a lot of activities, such as sports with students and staffs, road trips with the International Office, and social and cultural events in ITS and Surabaya. I give them special thanks for organizing those different events, they were very interesting, not only for me but also for the Indonesian students. The knowledge and help from the staff of International Office with visa's, passports and the bureaucracy process were superb and well managed. All in all, I'm very happy that I have chosen ITS as my University for 4 (four) months and can not wait to return to Surabaya one day."



Hello from ITS!

Prof. Dr. Ir. Mohammad Nuh, DEA
Ketua Majelis Wali Amanat
(Chairman Assembly of Trustees)
Institut Teknologi Sepuluh Nopember



Dear colleagues,

It is my privilege to express my gratefulness for having Institut Teknologi Sepuluh Nopember (ITS) as a State Universities Legal Entity (PTNBH), an idea from 2004 that has been successfully realized this year. What a remarkable opportunity for ITS to make a transformation in organizational structure, academic activities, and values of honor which have been well-maintained for a long time.

ITS has moved toward world-class university and is also expected as a contributor to the world civilization, technological civilization, and socio-cohesiveness.

Therefore, the Chairman Assembly of Trustees, *Majelis Wali Amanat* (MWA), has an assignment to provide guidance on the policies taken by the Rectorate and to manage any related non-academic matters. The main function of MWA is to support the performance of two main organs that are interconnected thus must be synergized, i.e Rectorate and the Academic Senate. Even though authority exists in each organization, unite in togetherness is a must.

We can take great pride in the accomplishments we have made so far. However, to maintain the cooperation among leaders and members on those above organs, the collegial approach is becoming essential. The approach consists of 3 (three) main values: 1. Blessing (togetherness in harmony), 2. Energy (ability to energize the efforts, and 3. Opportunity (ability to optimize any opportunity).

ITS as one of higher education institutes in Surabaya which owns values of heroism that must be upheld. One of those values is socio-cohesiveness (adherence and social concerns). We need to emphasize that ITS will not be trapped in the commercialization of higher education which may lead to expensive tuition fees. The other most essential thing is to open up wide opportunities for students who come from the Eastern part of Indonesia to study at ITS. In addition to our achievement, the number of international students has reached hundreds and it is hoped that they will also feel the values of heroism beside getting knowledge from their respective fields during a study at ITS.

ITS commits to produce high-quality alumni, who have strong competencies on knowledge, skill, and attitude to produce knowledge-based-technology and own deep dedication to actively contribute to the community, the nation, and the global world.

Anything that does not provide merits will be exhausted by itself.

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THE ITS WINDOW TO THE INTERNATIONAL WORLD

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ERASMUS+ INTERNATIONAL WEEK at Bialystok University of Technology

Staff Mobility programs for both inbound and outbound have been developing since universities not only focus on providing mere education but also the cooperation, joint research, and networking. As part of the activities, Erasmus+ has awarded the scholarship to 3 (three) delegates from Institut Teknologi Sepuluh Nopember (ITS) at the Bialystok University of Technology (BUT), Poland. The delegates were Dr. Maria Anityasari (lecturer at Industrial Engineering Department and the Director of International Office), Dr. Istas Pratomo (lecturer at Electrical Engineering Department) and Ms. Cahyani Satiya Pratiwi (administration staff of International Office). The mobility was held on May 15th – 19th, 2017 and located at Bialystok. BUT as the host university of the international week was established in 1949 and is the largest technical university in the North-Eastern region of Poland.

Fifty (50) delegates from 23 countries actively participated in the program. On the first day, collaboration initiation among participating universities has been initially made during the education exhibition and speed dating. The next day, workshops and training were held for administration staffs, while lecturers performed guest lectures and met the faculty coordinators. Apart from academic activities, BUT as the host university has organized city tour to introduce the city and traditional folk dancing. In the last two days of the program, each participating universities presented an introduction about their university and promoted unique activities which can be offered to other members. As the follow-up of the program, ITS is currently signing several Memorandum of Agreements (MoA). ITS through International Office has invited the partners to join ITS short program

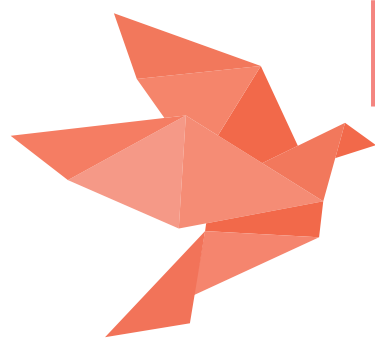
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BUILDINGS A CULTURE OF SUCCESS:

Our Prime Achievement



The article gives an insight on how Institut Teknologi Sepuluh Nopember (ITS) reinforces the importance of Research, Innovation, and Partnership Integration in enabling academic achievement sustainability. ITS is committed to providing an environment of research excellence, that is world-leading, globally collaborative, and internationally recognized with research-led to produce educated graduates with distinguished personal and professional achievement nationally and worldwide. Here are some of our institution accomplishments based on each category:

ITS as an Institution

1. Among 11 best universities in Indonesia, ITS has been selected by Ministry of Research, Technology and Higher Education of the Republic of Indonesia as the best 5th ranked.
2. ITS gained the 6th position for SCOPUS indexed research publications out of 50 (fifty) renowned universities in Indonesia with 5 (five) most productive areas; 1. Engineering 29,53%, 2. Computer Science 20,23%, 3. Physics and Astronomy 7,35%, 4. Earth and Planetary Sciences 7,28%, 5. Materials Science 5,45%.
3. ITS with a total of 187 hectares green campus was selected as one of the universities listed as the awardee of the Indonesia Green Awards in 2016 by UI Green Metric World University Ranking and won the position for the 2nd in Indonesian Ranking and the 43rd world ranking
4. QS Graduate Employability Ranking in 2016:

THE 1ST RANK IN INDONESIA

THE 9TH RANK IN SOUTH EAST ASIA

THE 397ST RANK IN THE WORLD



STUDENTS ACHIEVEMENTS

It has been proven that ITS students have successfully made their outstanding achievements throughout 2016 in which exceeded ITS's expectations by accomplishing 600 achievements out of 400 targets. Some of them mentioned below:



ICHIRO GOES TO BEIJING - CHINA

Humanoid Robot called ICHIRO has won the world championship in Humanoid Robot Cup (Hurocup) which was held by Federation of International Robot-Soccer Association in Beijing, China on December 14th-18th, 2016. ITS team has successfully beat the 23 teams from 9 countries.

ITS Contribution to Indonesia



GESITS (Garansindo Electric Scooter ITS) : National Electric Motorcycle

This invention will be massively manufactured in 2017 and marketed to the public in 2018.



Mini Computerize Numerical Controller (CNC)

ITS Mechatronics and Machine Tool Development Center (ITS-MMTDC) has developed the device which provides a support for the needs of industry and education concerns.



National Warships

Ministry of the Defense Republic of Indonesia has assigned ITS as The Center for Warship Design and Engineering. Soon, ITS is planning to create a ship with length up to 150 m.



Revitalization of The Fishing Village

The government plans to revitalize the fishing village in Indonesia with the step of making a program to change the coastal region as Indonesia's development efforts towards the world maritime axis.



Indonesia "Smart City"

Dewan Teknologi Informasi dan Komunikasi Nasional (WANTIKNAS) has appointed ITS to develop the prototype for a smart economy, smart mobility, smart environment, smart governance, smart living, and smart people for the establishment of the nation.

HARVARD NATIONAL MODEL UNITED NATIONS (HNMUN) 2016 at Harvard University, USA



ITS delegates were dominating the competition by winning 3 (three) awards out of 4 (four) for Resolution Project.

SAPU ANGIN Road to Fame



The team of "Sapu Angin" ITS, Surabaya won the first prize for urban concept diesel in Shell Eco MARATHON (SEM) Asia 2016. This event took place in the Philippines, March 6th, 2016. The competition concept is dedicated for experimental vehicle race from body design, propulsion, steering, and engine with the most economical fuel consumption.

The 3rd International Biotechnology Competition and Exhibition (IBCEx) 2017



The team from Chemical Engineering Department won the first prize in the 3rd International Biotechnology Competition and Exhibition (IBCEx) on April 15th, 2017 at Universitas Teknologi Malaysia, Johor Bahru, Malaysia. They have succeeded in setting aside 41 (forty-one) participants from 3 (three) countries, namely Indonesia, Malaysia, and Thailand with a paper entitled BIOFUEL: Eco-friendly Renewable Energy made from Water Hyacinth (Eichhornia crassipes) and Plastic (Polyethylene) using Fermentation Method and Thermal Cracking.

JALAPATHI 2 SAILED TO NETHERLAND

Marine Solar Boat Team ITS made a remarkable Jalapathi 2 which officially represented Asia along with Universitas Indonesia (UI), Indonesia and China to compete with 36 (thirty-six) teams from 11 (eleven) countries on Dutch Solar Challenge in Amsterdam, Netherland.



CARVED THE PATHWAY TO THE DREAM LAND

2017 Global Korea Scholarship (GKS) ASEAN - Science and Engineering Students is a dedicated program from Korean government for the outstanding students who are majoring in the fields of science and engineering from 10 ASEAN countries (Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam). This training program is designed to provide students with an in-depth academic training in the science and engineering fields and finding themselves to the invaluable experience in Korea, which in turn will contribute to promoting the international exchange in education and to deepening the mutual friendship among countries. Applicants who were selected for this program will be hosted by 5 (five) host universities as a form of collaboration with Korean government based on the specific field as followings:

Electrical & Electronics Engineering Field at Chung-Ang University

Architecture & Civil Engineering Field at Keimyung University

Mechanical Eng, Civil Eng & Environmental Science Field at Kyung Hee University

Animal & Dairy Science Field at Chungnam National University

Mechanical Eng, Joining Welding Science & Engineering Field at Chosun University

Students are very enthusiastic in applying for this program and those who were selected will be eligible to receive a scholarship from Korean Government. After a tough selection process, finally, the committee selected 13 (thirteen) students who will represent Institut Teknologi Sepuluh Nopember (ITS) in this program. The program will be started from July 10th – August 11th, 2017. We are very sure that they would be able to learn both academic (class, lab research & company visit) and cultural activities in Korea and bring back their valuable experiences to be disseminated to their friends in Indonesia for more successors.

BARUNAISTRA TRIUMPHANT



RobotBoat made by Barunastra team won the 3rd rank of a world championship in The 9th Association for Unmanned Vehicle Systems International Foundation's 2016 RoboBoat Competition, held in Virginia, USA.

GOOD NEWS FROM MACAU INTERNATIONAL INNOVATION AND INVENTION EXPO 2016



A student from Chemistry department has won the gold medal by presenting her paper entitled Fabrication of Chitosan-based Membrane for Salt Removal. She has managed to put aside dozens of researchers coming from different parts of the world.



IMAGINE YOURSELF HERE: ITS INTERNATIONAL DORMITORY

Institut Teknologi Sepuluh Nopember (ITS) has determined to provide best facilities for all the stakeholders, including international students by strengthening campus commitments in ensuring them with a most pleasurable and memorable stay during their study.

The International Dormitory is officially opened in early of 2017 with 2 (two) different locations in the heart of ITS Campus, both for male and female dormitory and consists of several hotel tailored rooms, equipped with modern facilities and affordable room rate to make student's stay even better.

The dormitory is an air-conditioned offers doubles, singles and has semi-private baths. The other common amenities, such as kitchen and washing machine, are available which can be used by all the residents.

There are numerous benefits to living in campus dormitory including convenience, opportunities to develop life-long friendships and to live in an environment that fosters the educational and personal growth of students. Nevertheless, residents will receive exceptionally friendly dedicated staff who will assist them during living at the dorm.

