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Taipei Tech and University of Akron launched a 3+2 program in order to cultivate talent in polymer science and polymer engineering field together. The MOU signing ceremony took place at the

International Conference Room at Taipei Tech on March 20. In the future, qualified Taipei Tech students who got all the credits they need for graduation in their third year of college can apply for pursuing higher study at the University of Akron and got not only a Bachelor Degree from Taipei Tech but also a Master Degree from University of Akron after two years of aboard study journey.

Taipei Tech has nurtured numerous experts in material resource, organic polymer materials, and mechanical engineering since its establishment in 1912. The College of Polymer Science and Polymer Engineering at

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University of Akron has two graduate institutions. Its academic research performance has long been highly recognized in United States. Taipei Tech is its first cooperative University in Taiwan that has 3+2 program and other science and research collaborations with.

Wenlung Li, President of Taipei Tech, noted that joint dual degree program and 3+2 program are trends in higher education cooperation domestically and internationally. Students can benefit from the aboard experience no matter what career they choose to have in the future. Moreover, the tuition for Taipei Tech students of this 3+2 program is rather competitive, almost 50% off, compares to other programs provided by similar schools in the U.S. for Taiwan students.

Thomas Yang, Dean of College of Engineering at Taipei Tech, noted that it takes 7 years in general for a Taiwan student to finish Bachelor and Master Degrees in a row. This 3+2 program with University of Akron enables students to do the same thing more efficiently. In addition to the program itself, we expect mutual teacher exchange would take place in the nearby future.



Cooperated with MIT: City Science Lab@ Taipei Tech officially launched

Located in concrete jungle as Taiwan's capital, Taipei, Taipei Tech has always put green technology R&D in top priorities. Taipei Tech has tremendous research and development energy in environmental friendly technology such as Energy Management System, Solid Oxide Fuel Cell, and Breathable Pavement, etc.

Massachusetts Institutes of Technology (MIT) is a nonprofit university in Cambridge. The Media Lab is a laboratory at MIT focus on integrating disparate research areas to create disruptive technologies. The City Science Initiative is interested in testing and evaluating urban innovation in the context of "Living Lab" cities.

In order to develop PEV (Persuasive Electric Vehicle) technology and make smart city comes true as soon as possible, MIT and Taipei Tech would like to establish the City Science Lab@ Taipei Tech (CSL @ Taipei Tech) using the City of Taipei as a living lab to test and evaluate urban innovation developed by the City Science Initiative at the Media Lab and at Taipei Tech and to foster a mutually beneficial collaboration. The signing ceremony was held on March 29.

The CSL @ Taipei Tech is the first research station of its kind in Taiwan. Taipei Tech President Wenlung Li noted that as a historical university with numerous active alumni in industry, Taipei Tech also has robust research team that attracted top universities to seek cooperation opportunities.

As for space, Taiwan Air Force space is currently the main testing place for PEV related techniques such as obstacle avoidance, human recognition, and communication.

In addition to set up the City Science Lab at Taipei Tech (CSL @ Taipei Tech), more academia cooperation between two institutions will take place in the future including educational and research programs, seminars, summer schools, and speeches. Taipei Tech expects to send 6 students to MIT Media Lab every year, and they will spend at least 2 months abroad. Last year, Taipei Tech already send 4 students to there and 2 of them even got a prolong internship invitation from MIT for their outstanding performance. Chang-Chi Zhang, one of the students who stayed at MIT, said that he learned a lot in the open study atmosphere at Media Lab and he is happy to hear that more Taipei Tech students can have this exchange opportunity down the road.



Long-term care R&D products lift care-givers pressure

Taiwan is entering an aged society, and the senior popularity percentage is already over 14%. It will be a heavy burden for young people since by average every 1.2 of them have to raise 1 senior person in 2060 according to the statistic. In order to lift some pressure from future generation,

Taipei Tech put a lot of effort into long-term care market and some R&D products are ready for mass production. Reporters from Formosa TV are on campus for interviewing two of our wonderful products.

Dr. Yi-Hung Liu and his research team at the Department of Mechanical Engineering took 1 year and a half to develop a device that can read brain waves in order to help patients suffering from motoneuron diseases to communicate. Wearing the head-mounted device, patients can think their request and a magnifier will amplify their brain waves and transmit it into computer to be calculated with a special algorithm. This way, caregiver can know what exactly patients need whether it is a bit to eat or a desire of watching news. Another device that was also developed by Dr. Liu's team is one can tell whether people have the inclination of Depression or Dementia through reading their brain waves.

Dr. Meng-Cong Zheng and his research team at the Department of Industrial Design found that it took five people in average to assist one senior in wheel chair to engage in gardening activity. But with their refined flower-stand called ElderGreen, it only requires 1 teacher and 1 person to make 6-student class work. 6 trapezoidal-shaped stands can form a circle enables teacher to stand in the center giving instructions.

Both designs intend to make long-term care easier. In addition to this, Taipei Tech expects to make more differences by cooperating with medical institutions such as Tri-Service General Hospital Beitou Branch, MacKay Memorial Hospital, Taipei Venteran General Hospital Su-Ao & Yanshan Branch, National Taipei University of Nursing and Health Science, and so on.

Taipei Tech bring awards back from NMUN 2017

The National Model United Nations 2017 was held on March 19-23 in New York, United States. Taipei Tech team grabbed 2 awards, i.e. Outstanding Position Paper on HLPF and Outstanding Position Paper on IAEA back home this time. Competing with over 5,000 students from more than 300 schools, the excellent performance of the students showed people Taipei Tech not only emphasize students' hands-on experience but also encourage them to engage in international affairs and think critically.

The 13-students team was led by Cheng-Chieh Yu, Dean of Academic Affairs, along with 4 staff members. Yu noted that this team was choose from 9,000 students and its members come from 8 countries is a like a little United Nations itself. During over 6 months training, we invited diplomatic envoys and experts in international relationship to instruct our students. We have developed an ideal training strategy for them in order to prepare them for the NMUN stage.

Hua-Yan Liao, the trainer and English teacher at the Office of Academic Affairs, said that NMUN is quite a journey both for students and her. She believed that this experience make students care about global issues more than ever and expand their horizons as well.

Hui-Sheng Ni, from the Institute of Automation Technology at Taipei Tech, was awarded the Outstanding Position Paper on HLPF. Ni noted that it required extra efforts and extra responsibility to work as solely representative. The UN HLPF Committee has strict regulation for every Working Paper and Draft Resolution. Anything that has less than 29 supports from Sponsors/Signatories will not be accepted. Only 9 Resolutions matched the criteria. After a series of training, Taipei Tech delegate stood out and was awarded the Outstanding Position Paper on HLPF.

Cai-Liang Li, from the Department of Business Management at Taipei Tech, was awarded the Outstanding Position Paper on IAEA. Li said that he appreciated this opportunity from school. By participating in UN IAEA, he learned more deeply about international nuclear issue.

Thanks to budget subsidy from the Ministry of Education, Taipei Tech has already participated the NMUN 10 times since 2007.



Wish you have a great day ahead,

A handwritten signature in black ink, reading "Wenlung Li". The signature is written in a cursive, flowing style.

President

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