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14th President of Taipei Tech



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Inauguration of Wang Sea-fue as 14th President of Taipei Tech



After Taipei Tech's thirteenth President, Dr. Leehter Yao, was promoted to the Ministry of Education as Political Deputy Minister in March 2017, Vice President Dr. Wenlung Li became the Acting President, serving until January 2018. On November 17, 2017, Dr. Wang Sea-fue, Taipei Tech Distinguished Professor of Department of Materials and Mineral Resources Engineering, was elected as Taipei Tech's fourteenth President; President Wang officially began his duties on February 1, 2018.

President Wang Sea-fue is an alumnus of Provincial Taipei Institute of Technology, the predecessor of Taipei Tech. He completed his doctoral degree at Pennsylvania State University in Materials Science in 1991. Starting in 1993, President Wang worked as senior R&D engineer at Vitramon Inc. (Vishay Intertechnology). He returned to Taiwan in

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August of 1997 and has taught at Taipei Tech ever since. He has abundant administrative experience, having served as the Dean of the College of Engineering for three years and as vice president for four years. In 2003, President Wang established the Center of EMO Materials and Nanotechnology, and he continues to serve as its director. President Wang is also the chairperson of the Taiwan Ceramic Society, the vice-chair of the Powders and Powder Metallurgy Association of the Republic of China, and the deputy director of the Materials Research Society, Taiwan.

President Wang noted in his inaugural address that vocational education is an effective solution to talent shortages and industrial stagnation. In order to face global challenges, Taipei Tech prepares students to be intellectually curious participants in lifelong learning. Taipei Tech hones their skills in problem identification and solution, critical thinking and logic, effective communication, and cultural depth. President Wang also believes in the importance of university social responsibility; universities should provide an environment that stimulates learning, provides students with practical knowledge and experience, and partners with industries with the goal of giving back to the society.



Dept. Cultural Vocation Development graduation exhibition

Taipei Tech's Department of Cultural Vocation Development's graduation exhibition began on January 4 at the Arts and Culture Center. All projects were displayed in creatively decorated

booths. This year, the exhibition, entitled "Holy Gifts 厚禮數," focused on reexamining and innovating Taiwanese traditions, customs, and etiquette. Many interesting works caught visitors' eyes; below, we highlight three of them.

How often do you have the chance to compose a song for a rock band? Guan Yi-yun did. Guan discovered his passion for hip hop from the moment his older sister handed him an Eminem CD. In the beginning, he performed rap in music class at school. Then he started to compose his own songs with equipment that he bought; he used all the allowance his family gave him for getting into a college. But the true turning point for his musical life happened in his sophomore year when he decided to take a leave of absence and learn from a record producer. At this time he had the opportunity to arrange the music for a local band called CaoTun Boyz. Guan reports that the number of viewers of the song he arranged surged to over 1 million in three months. The songs that Guan arranges mainly focus on local language, culture, and beliefs. Guan noted that he wants to conserve Taiwanese culture through music. Guan made a collection of seven songs he arranged or



composed as his graduation project. His classmate and partner Lin Shao-en was in charge of the design and packaging of his CD.



Lai Yu-jia likes babies. She adores their cuteness and softness. Therefore she chose to develop a series of products related to new-born babies such as hand-made soap, bracelets, and towels. She studied Chinese birth customs and noticed that many traditions have been lost or changed through time. But these ancient traditions show how important and valuable a baby was to a family. For example, a tradition called Xi San (literally wash three) happened on the third day after a baby was born. People would give the newborn a bath in hope of health and peace. Lai uses her creative thinking to design products related to these customs and hopes that the value of these customs can be saved—although the form might change.

Would you be interested in knowing what kind of cuisine crown princes had on their table? Two students, Hong Yu-ting and Jiang Wang-yu, not only reveal this secret but also bring these foods to life. According to Jiang, the Taiwan Nichinichi Shimpō, a newspaper published during the Japanese colonial period in Taiwan, has recipes from a famous restaurant where Japan's crown prince dined during his visit to Taiwan in 1923. They followed the recipe and brought new energy into this cuisine by designing four different lunch boxes. However, the cooking process was not always smooth. Although they like to cook, it still took about three months to make sure every dish in the lunch box was perfect. Because these are banquet dishes, they also had to make some alterations in order to fit them into a lunch box. Take a fried egg dish for example; this dish was originally a soup. To present this dish in a lunch box, what they did was to incorporate ingredients in batter and then fried the batter. "I want to show people that Taiwan also has fine banquet dishes in addition to local dishes," Jiang added in the interview.



Taipei Tech sets up internship program to send students to Germany

Initiated in Germany, the concept of Industry 4.0 has had a great impact on global intelligent manufacturing. In order to enhance international exchange, Taipei Tech is working with a Germany company, Sander, on a student internship program. This program will teach Taiwanese students German industrial techniques and culture.

Taipei Tech's mechanical engineering department is ranked



between 105 and 200 in the QS World University ranking by subject in 2017. The Intelligent Manufacturing System Education Factory which was designed, built, and used by Taipei Tech's team is one of its kind in Taiwan. It is not only a classroom but also a platform for Industry 4.0 R&D on campus.

To best cultivate talent in related fields, Taipei Tech signed an intern contract with Sander sending students to Germany for a six-month internship experience.

Located in Edenkoben, Sander mainly produces plastic injection molding machines. Sander is also one of the industry partners of Moldmax Technology Corp. Moldmax's chairman, Li Han-zhang, is a Taipei Tech alumnus.



Taipei Tech senior student Chang Ting-hao, who was an intern at Moldmax Technology Corp., has been recommended to participate in the exchange program and will be leaving for Germany in February 2018. He is excited about having hands-on experience in the Sander production line and workplace during his stay in Germany.

His plane tickets will be sponsored by Lin Bao-zhang, INTAI Company CEO and Taipei Tech alumnus. In the future, Taipei Tech expects to send more students abroad to participate in this internship.

New model for Financial Talent Cultivation



Financial technology (FinTech) is trendy right now. Taipei Tech is collaborating with First Bank to assist start-up teams in fields such as AI, IoT, and smart service. First Bank will provide space, financial expertise, and special loans for these teams. Taipei Tech will focus on research and development and talent cultivation. This new collaborative model is one of a kind in Taiwan and is expected to bring a positive influence to the financial industry.

The Memorandum of Understanding (MoU) signing ceremony between First Bank and Taipei Tech was held on Jan 15 on campus. Both First Bank and Taipei Tech have over a 100-year-history. Taipei Tech Acting President Li Wen-lung noted that if an enterprise can last for more ten decades, then they must have done something right. Lee Da-sheng, Taipei Tech's Industry-Academia Cooperation Office Dean, noted that by cross-domain collaboration, we can not only hope to see upgrades in industry but also a better match between start-ups and industry needs.

First Bank has been investing a lot of resources into cutting-edge payment technologies, including cloud technology, integrated payment platforms, and O2O platforms. It is also eager to become a part of government-sponsored Regulatory Sandbox experiments, where companies experiment safely with new technologies in a closed environment.

The collaboration between First Bank and Taipei Tech is one of over one hundred that have been made since Taipei Tech established the Innovation & Incubation Center in 1999. Taipei Tech is also well known for its Taiwan Startup Institute, its 3D printing technique, and the number of its alumni working in industry, including many founders and CEOs of companies.