NCKU Holds 2019 Workshop on Future Computing

NCKU announced in August 2019 the establishment of Taiwan's first "School of Computing", which is currently actively being developed and recruiting talent. NCKU held the 2019 Workshop on Future Computing (WFC) on December 16th and 17th with 75 prominent members in attendance, all of whom are prominent members in academia or elites in the industry, to discuss the prospects and future development of the field of computing.

The main organizer, NCKU’s Executive President Dr. Cheng-Wen Wu, pointed out that the “School of Computing” at NCKU will be a break from the mold of the existing faculty structure in that it will be primarily be a cross-field research degree program. The NCKU program will be working closely with universities in Japan and Singapore to set up courses that offer international academic credits. In addition, centers for AI research in different fields will also be set up to enhance the research and development efforts in the field of computing. In addition, the Macronix Innovation Center will drive the cultivation of talent for these fields and make NCKU into an integral center for research as well as a premier developer of talent.

A delegation from NCKU traveled to San Francisco to recruit talent in the field of computing in early November. WFC, the planning of which had been in the works for the better half of the year, was held on December 16th and 17th. There were 22 professors from multiple fields as well as 14 overseas scholars and senior executives in the industry in attendance.

Dr. Cheng-wen Wu said that in addition to all the knowledge sharing and exchanges, the purpose of the WFC also served as a pilot run for the talent recruitment for the NCKU School of Computing. Another purpose for the WFC was to create an industrial chain. NCKU’s School of Computing will collaborate with other universities in the same time zone, such as those in Japan and Singapore, to set up cross-national courses so that students from different countries can take courses across universities, have exchanges with multinational faculty, and participate in international research. NCKU hopes to involve more countries in the future.

NCKU president Dr. Huey-Jen Jenny Su is welcoming all to come to National Cheng Kung University in Tainan. She pointed out that from an educational standpoint, students need to be prepared for the challenges of the future, and computing is one of them. Macronix, the global leader in non-volatile memory integrated components which is headed by Miin Wu, donated NT$420 million to National Cheng Kung University to build a "NCKU Macronix Center for Innovation", which will provide a new type of space for innovative teaching and research – a precursor of the university of the future.

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GLORIA NCKU Held Sheh Fung Screws Company Day in NCKU to Recruit Talents for the Corporate Member

NCKU Press Center

GLORIA NCKU hosted the “Sheh Fung Screws Company Day in NCKU” in campus on November 29, helping the corporate member, Sheh Fung Screws, to recruit outstanding talents in National Cheng Kung University to serve in the company. Students from related departments actively signed up to participate. Job vacancies included R&D engineers, QC engineers, and process engineers, prompting many students from NCKU’s Department of Mechanical Engineering, Department of Materials Science and Engineering, Institute of Manufacturing Information and Systems, and other related departments to sign up for this company day.

In addition to Kent Chen, the General Manager of Sheh Fung Screws, and Junz Wang, the Deputy Dean of NCKU’s College of Engineering, other members invited to the event included Daniel Huang, the Deputy General Manager of Sheh Fung Screws, Jerry Wang, an alumnus of the NCKU’s Department of Mechanical Engineering, who is now the Manufacturing Manager of Sheh Fung Screws, Liu Yan-Ci, the Human Resources Manager of Sheh Fung Screws, etc. The purpose of the event was to allow students to know more about this hidden champion enterprise.

In addition to assisting corporate members in linking up R&D resources of NCKU, GLORIA NCKU also helps enterprises to recruit talents in colleges and universities in Southern Taiwan. With one-stop service, managers of GLORIA NCKU could integrate recruitment resources on campus or drafting long-term recruitment plan for corporate members.

In the opening speech, the Deputy Dean of NCKU’s College of Engineering, Junz Wang said: “NCKU students should not restricted themselves in serving in those giant electronics enterprises after graduation. Despite good compensation, you would probably be only positioned as a small screw in a cruise. If you serve in a small and medium-sized company, you could play a key role in it and learn more.” He added that screws have a wide range of applications nowadays. Besides manufacturing and industrial uses, there are also high-value screws used in the medical field. He encouraged students to broaden their horizons and apply their knowledge to multiple domains.

The General Manager, Kent Chen, shared with students about Sheh Fung Screws Company, the manufacturing process of screws, and smart manufacturing technology that has been brought into the company. He also shared his learning experience at university and provided suggestions for students to help them find their career path.

As an alumnus, the General Manager of the Manufacturing Department shared his view with the students that he feels sense of accomplishment working at Sheh Fung Screws Company. He also encouraged students at NCKU to improve their communicational skills so that their talents can be seen by supervisors.

Sheh Fung Screws specializes in manufacturing screws for various purposes. After more than 30 years of continuous innovation and improvement, it has accumulated considerable experience and technology in screw manufacturing. Each process, from wire feeding, heading, forming, threading, heat treatment, electroplating or phosphate coating, packaging, and other processes, must be strictly inspected by QC personnel before entering the next process. To meet customized needs of customers, Sheh Fung Screws also provides useful design and manufacturing technology to gain customers’ trust and affirmation.
Exhibition of Achievements of [NCKU BOOKS-ONE CITY] Mobile Library

A novel, innovative general education and service learning course, [NCKU BOOKS-ONE CITY] mobile library, is holding an exhibition of their achievements in the lobby of the NCKU Library from December 3 to December 30. This is the first time the NCKU Library has ventured off-campus to promote a service learning course. Collaborating schools have expressed hope for future collaborations.

The [NCKU BOOKS-ONE CITY] Mobile Library course is a new course created by the NCKU Library with the Office of Academic Affairs and the Center for General Education. In total, 20 local and foreign teachers took 120 local and foreign students and 15 library buses containing library books on 15 themes (including reading, climate change and adaptation, and plant technology for sustainable agriculture) to engage in service learning in 15 administrative districts throughout Tainan City.

Yue Mei Chen, a teacher at Shiaying Junior High School, attended the opening ceremony and thanked the mobile library for this opportunity. She commented that the positive attitudes of the NCKU students were extremely inspirational for kids and that the mobile library courses also offered many hands-on activities that their students loved. Furthermore, she also hoped that the mobile library would return to Shiaying Junior High School in the future.

I Chieh Chiang, Principal of Anshun Junior High School, noted that the mobile library made it fun to learn the history, culture, and economy of Taijiang. The NCKU students designed games and read relevant books that made younger students more interested in topics that they had previously thought were boring. She looked forward to the course continuing in the future.

University Librarian Han-Ching Wang thanked the collaborating schools in the 15 administrative districts and revealed her willingness to have a second wave of mobile libraries.

Yan Hung Li, a student in the Department of Chinese Literature at NCKU, stated that service learning at Shiaying Junior High School allowed him to read and learn with younger kids and that their enthusiastic smiles had a cleansing effect on his soul. He said that this opportunity provided refreshing perspectives and he gained more than he expected from the service learning experience.
Ghao Han Lin, a student at the Department of Electrical Engineering at NCKU, said that he had taken part in the mobile library theme, the Magic of Light, which involved simplifying complex knowledge and often required both animations and models to explain complicated topics. He felt that he had learned presentation skills and gained experience in interpersonal interactions.

Department of History student Yun-Pei Lien, who had gone to Nansi Junior High School, admitted that she had previously known nothing about Nansi District. To prepare for this visit, she had to search for information and books, reminding her that teaching benefits both teachers and students.
GLORIA NCKU to work with CTCI in various fields

NCKU Press Center

The Global Research & Industry Alliance of National Cheng Kung University (GLORIA NCKU) is set to work closely with world renowned engineering service provider CTCI Group after an MOU was signed between the two parties on Oct. 31.

Such cooperation will include various fields, such as smart engineering, smart factories, green industry, big data analyses and many others, the alliance said in a statement recently.

Jenny Su, NCKU President, signed the pact with her counterpart, John T. Yu, CTCI Group Chairman, at a ceremony witnessed by many heavyweights from the two parties in Taipei.

“We believe the tie up and application exchange can speed up our intelligent transformation,” said Yu, adding that his group is determined to improving its engineering integration capabilities and cultivating engineering talents.

Su echoed his remarks, saying that her school is CTCI’s best partner in Taiwan as it also focuses heavily on smart technology and its application. The school’s nine colleges and over 80 research centers will be deeply involved in this project, with the aims of forging “the most trustworthy global engineering service provider team,” according to the Tainan-based university.

CTCI is a world renowned Engineering, Procurement, and Construction (EPC) services provider. Founded in 1979, CTCI emerged as the leader in Taiwan's hydrocarbon processing industry and has been an active player in the international power, environmental, transportation and industrial markets. The multinational group boasts over 7,000 employees worldwide, and has been selected in the Emerging Markets index of the Dow Jones Sustainability Indices for five years in a row.