## NKUST

EEE- P A P E R

43 issue

May 2 0 2 2

RETHINKING
VOCATIONAL
EDUCATION:
PRESIDENT YANG IN A
LUNCH MEETING WITH
PRESIDENTS OF
VOCATIONS HIGH
SCHOOLS

NKUST invited presidents of 14 vocational high schools to a lunch meeting on March 31.



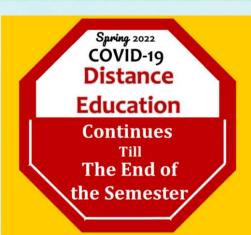
担手

SINGING AND
WANDERING THE
BEAUTY OF WUXING
A NEW VISION TO
JEWELRY &
METALWORK
EXHIBITION

The showcase exhibited at Art Center at Nanzih Campus from Mar 30 to Apr 29.

DISTANCE EDUCATION CONTINUES FOR CAMPUS SAFETY

Important Updates! Distance Education will continue from 5/23 until the end of the 2022 Spring semester.



2022 ADMISSIONS

FOR

INTERNATIONAL TRANSFER DEGREE STUDENTS

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JUNE
30,
2022
(TAIWAN TIME)

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## Internet of Vehicles Project: A Green Choice for Travelers to Tour Luiqui Island

The Center for Innovation and Entrepreneurship Education (CIEE), Industrial Design Department (ID), and Information Management Department (IM) have been working on a joint project, "Simple Living and Travel: <u>Internet of Vehicles</u> Project for Liuqiu Island (IoV Project)" since 2020.

The project team cooperated with electric bike rental industry operators at Luiqui Island to provide a <u>low-carbon</u> travel choice for travelers touring beautiful local scenic spots.

The project team <u>was</u> perfectly <u>composed of ID</u> and IM students and led by ID Chair Sung, I-Jen, and IM Assistant Professor Frank Chu. They developed <u>vehicle-to-everything</u> <u>technology (V2X)</u> for electric bikes (e-bikes) and the necessary <u>infrastructure</u> that joined a wireless network to build an IoV environment.

Under this environment, bike rental shops could collect and <a href="transmit">transmit</a> useful data to offer travelers real-time information with <a href="interactive">interactive</a> experiences. Shops can promote low-carbon routes for bike journeys with featured best scenic spots based on the analysis of tourists visiting numbers at each tourist attraction.

The data collected and transmitted from e-bike operators offered the Liuqiu Township Office a broad view of all scenic spots on the island. Based on the analysis delivered by the system, officials could ease the holiday crowd and <u>traffic congestion</u> or promote low-carbon routes that include local tourist attractions and **gourmet** foods.



## Vocabulary

- 1. theme **V** (活動) 以...為主題
- 2. burnish V 改善 (公眾形象)
- 3. incubator n 孵化器
- 4. automation **D** 自動化
- 5. competitiveness n 自動化
- 6. permanent a 長久的、常在的
- 7. Internet of Vehicles 智慧車聯網
- 8. vocational education 技職教育

Translated/Edited by Jess Lir