



國立高雄科技大學

National Kaohsiung University of Science and Technology

National Kaohsiung University of Science and Technology

Office of International Affairs

2023.09.28



01

Introduction

National Kaohsiung University of Science and Technology

Kaohsiung is the most prominent industry aggregation in southern Taiwan, gathering traditional, chemical, heavy, and high-tech industries.



History of NKUST



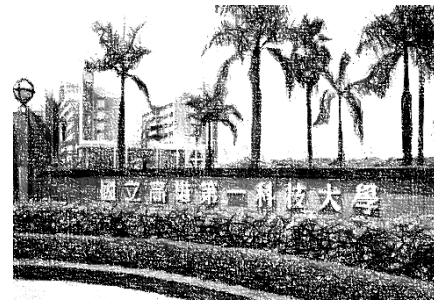
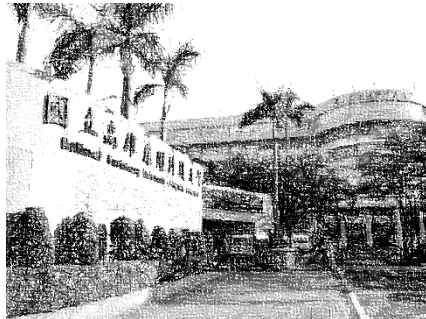
1946

National
Kaohsiung
Marine
University



National
Kaohsiung
University of
Applied
Sciences

1963



1993

National
Kaohsiung
First
University of
Science and
Technology



NKUST

National Kaohsiung University of
Science and Technology

2018

**THE
MERGER**

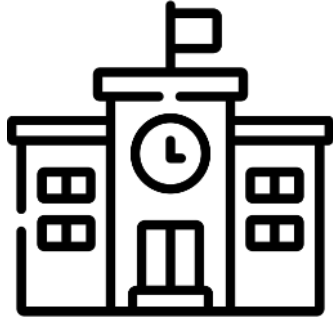
About NKUST



✓ **IEET, AACSB accreditation**



✓ **Most Favored by enterprises**



10 Colleges

51 Departments



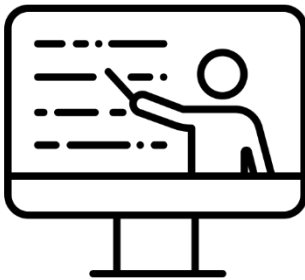
28,000+ Students

700+ International Students



5 Campuses

216.1 Hectares



2300+ Faculty & Staff



240,000+ Alumni

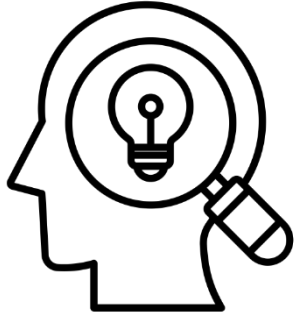


450+
International Partners

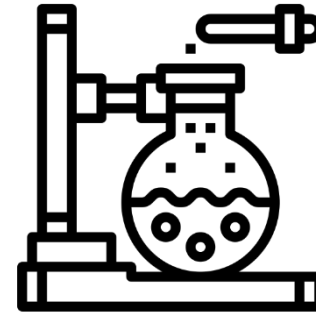
About NKUST



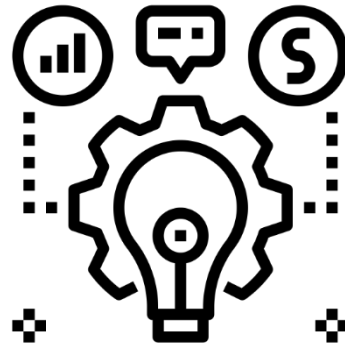
- ✓ **IEET, AACSB accreditation**
- ✓ **Most Favored by enterprises**



19 University-Level
Research Centers



37 College-Level
Research Centers



1,211 Governmental-University
Research Projects



680 Industry-Academy
Cooperative Projects

Campus



02

Key Features

Core Value

**Education Governance
with HEART**

People-oriented and Value co-creation



Four Features

Industry-Academy Cooperation



- **680** Industry-Academy cooperation projects in 2022.
- **25+** industry-academy undergraduate or postgraduate programs.

Innovation and Entrepreneurship



- **1st** entrepreneurial university in Taiwan
- **3 out of 10** major smart campus technologies to enhance the level of convenience on campuses: diverse mobile payment system, smart parking indicator system, and smart meeting room management system.

Ocean Technology



- The **only** university in Taiwan that is authorized by the Global Wind Organization (GWO) to issue training certificates to qualified candidates in the offshore wind industry.

Caring Society



- **5** awarded University Social Responsibility projects that received government grants up to NT\$170 million, far exceeding other universities.

Important Performances



Won the **2022 National Sustainable Development Award in Education Category** held by the National Council for Sustainable Development, Executive Yuan in 2022, **1 of only 2** technological universities receiving the award.

48 faculty members of NKUST were listed in Stanford University's report of the **World's Top 2% Scientists 2020**.



45 faculty members of NKUST were listed in Stanford University's report of the **World's Top 2% Scientists 2021**.



Ranked **3** among universities of science and technology in Taiwan and **1st** among universities of science and technology in southern Taiwan in the **2018-2019 URAP**.

North



Important Performances

First Domestic Drillship-Assist Government to salvage the F-5E Fighter aircraft



Innovation and Incubation-**Polaris**.
Award-National Business Incubation Association (NBIA)
and the Asian Association of Business Incubation (AABI).

- **Pioneered the domestic salvage of a Black Hawk helicopter at a depth of 1,000 meters sea** and wreckage of F-16 and Mirage fighter jets salvage.
- Participated in the expansion of CWB's earthquake and Marine cable observation system for earthquake and tsunami disaster prevention.
- **Participated in the construction of the offshore wind power industry.**



Important Performances

RailTech Centre

- Developed the first domestically produced track switches, establishing a milestone in the independent operation of rail systems.
- **Key R&D Organization in Taiwan with over 30 patents.**



- **R&D** : Assisted Taiwan Railways Administration (TRA), Taipei MRT, Kaohsiung MRT, and Taiwan High Speed Rail (THSR) with over 125 domestically produced products.
- Established track-related training programs and assist partner schools in developing railway-related sessions.



Decoding Black Box of the train

Successfully analyzed the black box of the **Taroko Express** in 2021, it' s a huge contribution to our country.

Improving the power and signal systems

Participated in TRA' s power and signal systems improvement project

03

Faculty & Department

College of Engineering

B=Bachelor's **M**=Master's **D**=Doctoral

- B M D** Department of Chemical and Materials Engineering
 - B M D** Department of Civil Engineering
 - B M D** Department of Industrial Engineering and Management
 - B M** Department of Construction Engineering
 - B M** Department of Safety, Health and Environmental Engineering
- Ph.D. Program in Engineering Science and Technology**

- 1. Construction Engineering
- 2. Safety, Health and Environmental Engineering
- 3. Mechatronics Engineering
- 4. Engineering Management



College of Intelligent Mechanical and Electrical Engineering

B=Bachelor's **M**=Master's **D**=Doctoral

- B M D** Department of Mechanical Engineering
- B M D** Department of Mold and Die Engineering
- B M** Department of Mechatronics Engineering
- B** Department of Energy and Refrigerating Air-Conditioning Engineering



College of Hydrosphere Science

- B M** Department of Marine Environmental Engineering
 - B M** Department of Fisheries Technology and Management
 - B M** Department of Marine Biotechnology
 - B M** Department of Seafood Science
 - B M** Department of Aquaculture
- Ph.D. Program of Aquatic Science and Technology**
- Environmental Engineering, Fishery, Biotechnology, Food Science, Aquaculture

B=Bachelor's **M**=Master's **D**=Doctoral



College of Maritime

B M Department of Marine Engineering

B M Department of Shipping Technology

B M Department of Maritime Information and Technology

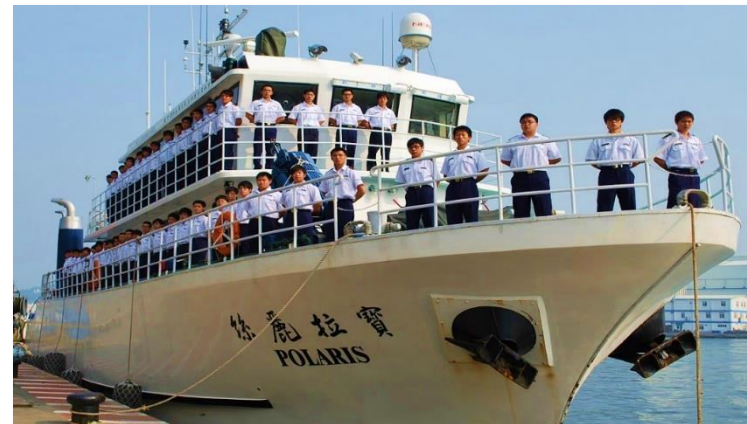
B M Department of Naval Architecture and Ocean Engineering

B M Department of Telecommunication Engineering

Master's Program in Offshore Wind Energy Engineering

Ph.D. Program in Maritime Science and Technology

B=Bachelor's **M**=Master's **D**=Doctoral



College of Marine Commerce

B M Department of Business Computing

B M Department of Marine Leisure Management

B M Department of Supply Chain Management

B M D Department of Shipping and Transportation Management

Institute of Marine Affairs and Business Management

B=Bachelor's **M**=Master's **D**=Doctoral



College of Management

- B M** Department of Business Administration
- B M** Department of Finance
- B M** Department of Information Management
- B M D** Department of International Business
- B M** Department of Logistics Management
- B M** Department of Marketing and Distribution Management
- B M** Department of Money and Banking
- B M** Department of Risk Management and Insurance
- B M** Department of Human Resource Development
- Business Administration EMBA**
- Graduate Institute of Science and Technology Law**
- Graduate Program in Electronic Commerce**
- Graduate Program in Executive Business Administration**
- International Master of Business Administration Program**
- MS Program in Entrepreneurial Management**
- Ph.D. Program in Management**

B=Bachelor's **M**=Master's **D**=Doctoral



College of Foreign Languages

B M Department of German

B M Department of Japanese

B M Department of English

— M.A. Program in Applied Linguistics and TESOL

— M.A. Program in Interpreting and Translation

B=Bachelor's **M**=Master's **D**=Doctoral

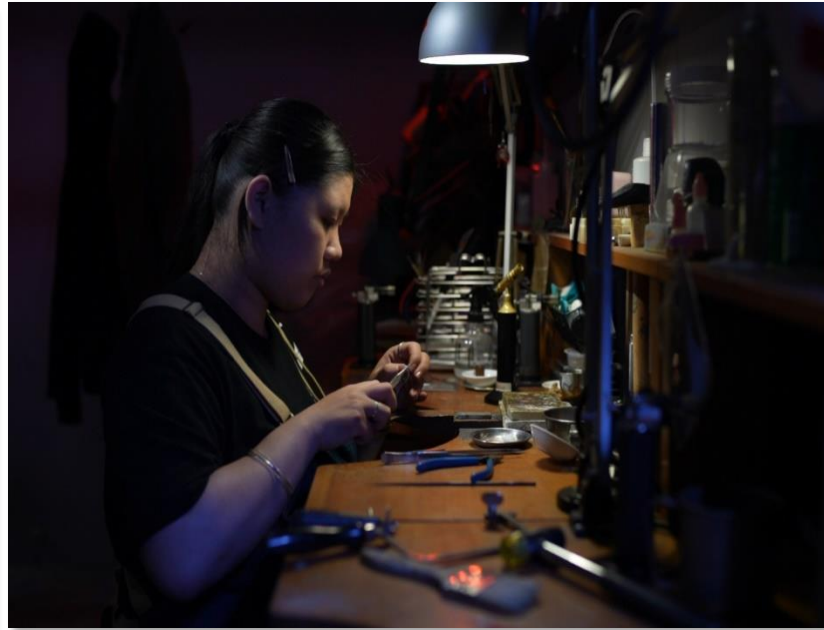


College of Innovation and Design

B M Department of Cultural and Creative Industries

B M Department of Industrial Design

B=Bachelor's **M**=Master's **D**=Doctoral



Business Intelligence School

B M Department of Accounting and Information Systems

B M Department of Finance and Information

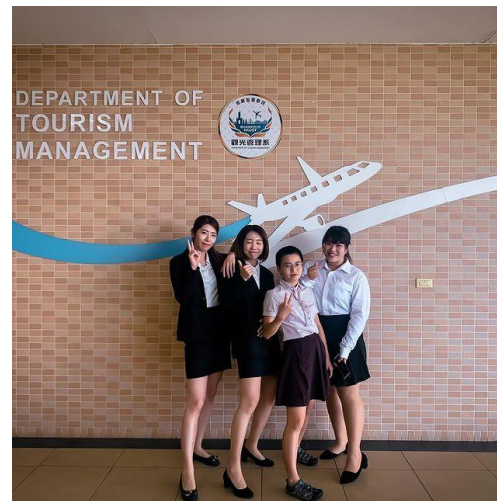
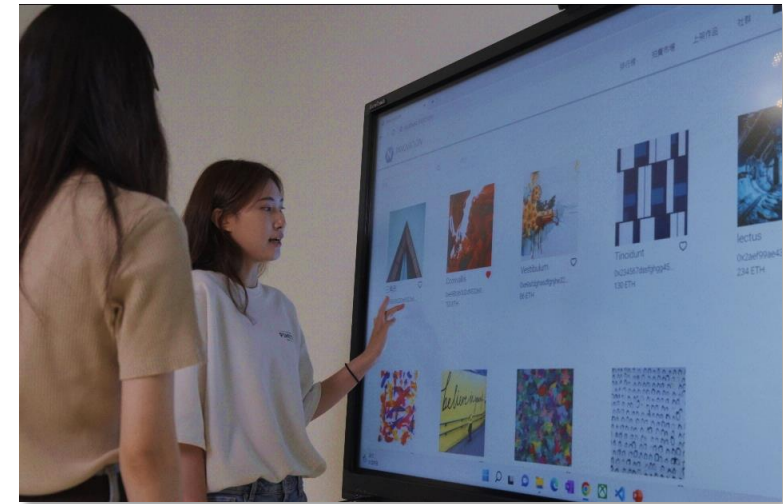
B M Department of Public Finance and Taxation

B M Department of Intelligent Commerce

B M Department of Tourism Management

Ph.D. Program in Business Intelligence

B=Bachelor's **M**=Master's **D**=Doctoral



04

Cooperation

Partner Institutions

Partner Universities **461** – Korea **9**

Alliance Partners **31**



THANK YOU!