

## Common Indicators and Targets

### Internationalization

#### ○ Strategic student recruitment using NAIST Overseas Offices

NAIST held various activities centered around its overseas offices in Thailand and Indonesia, which were established as hubs for education and research collaboration in Asia. The NAIST Indonesia Office, in collaboration with the Indonesia NAIST Alumni Association (INAA, an officially recognized non-profit group), had a booth at the Bogor Agricultural University Career & Study Abroad Fair, where roughly 200 interested guests visited to inquire about internships, scholarships, etc., to support NAIST's recruiting efforts. In July and August 2019 the NAIST Thai Office Head used the office as a base for recruiting sessions and internship program organizing for NAIST's international partner institutions (Kasetsart University and Chulalongkorn University), which led to an increase in Internships and in the acceptance of excellent students. Also, in addition to the JASSO Study in Japan Fairs (Indonesia, Thailand, Vietnam, China), NAIST expanded its efforts in students recruiting through its first participation in the Postgraduate Education Fair in Malaysia and through visits to Malaysian partner institutions. The results of these efforts are the 282 international students from 33 countries/regions at NAIST as of April 2020.



〈 JASSO Study in Japan Fair 〉  
(Thailand)

### University reform

#### ○ Strengthened globalization support system through positioning of UEAs

Based on the new UEA personnel system (for highly specialized staff to become permanent staff members in their 5<sup>th</sup> year of employment) established in 2018, one new UEA (global strategies) was employed in the Division for Global Education in January 2020 and, along with the 2 UEAs (global relations and international students and scholar support) employed in FY 2018, further developed the long-term international development outlook and enhanced the international students and scholars support at NAIST.

### Education reform

#### ○ Overseas and on-campus Faculty Development (FD) Program

In September 2019 NAIST invited a University of California Davis lecturer for the seminar "Employing Student-Centered Teaching and Project-Based Learning in STEM". The lecturer then evaluated Overseas FD Program participants' lectures to broaden participants' knowledge and skills in teaching. In November as part of the Overseas FD Program, NAIST sent 4 faculty to UC Davis and other North American institutions to investigate teaching methodology and practical methods to increase student motivation, and to experience research instruction methods and lab management firsthand in lab stays. A debriefing session was held upon returning to NAIST to share what the participants achieved through the program.



UC DAVIS  
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NAIST Seminar on University Teaching and Learning  
November 4-6, 2019

〈 Overseas FD training 〉

An FD training session and Global Leadership Development Class simulation were held in March 2020 with a lecturer from the Japan Institute of Advanced Science and Technology (JAIST) introducing active learning design and its effects. After the initial session there was a panel discussion where NAIST's PBL activities and possible future developments in PBL and active learning were examined. On the following day, a simulation of the "Global Leadership Development Special Practicum", which is held at JAIST, was held for NAIST students. This type of discussion-focused class was refreshing for both the Japanese and international students, with many students looking forward to the introduction of this type of class at NAIST in the future.



〈 Hakunetsu class! 〉

「 Global Leadership Development class 」

#### ○ Improved English education in the single graduate school system

The TOEIC test, which is used to evaluate student's English skills, was held numerous times to effectively measure and determine student English ability. The "Professional Communication Special Enhancement Program for Students" was implemented to improve English skills. Through this program's TOEIC preparation classes 69 of the 113 program participants cleared their target score. Additionally, a new campus-wide overseas English Program was planned and a customized 4-week training program to match NAIST's English education was held at the University of Hawaii at Manoa.



〈 Hawaii English training 〉

■ University's own indicators and targets

○ Campus-wide career development support

Visits to research centers of companies actively pursuing global expansion and various job-hunting/career development sessions were held to expand students' career images to the global stage. For Japanese students, the "Cultivating Global Career Aspirations Seminar" aimed at developing students' career vision focusing on activity on a global scale. Also, through collaboration with overseas industry, a new research internship was developed and a Japanese doctoral student was sent to a California (US) company for 2 months. For international students, a "Career Meeting with Alumni" where international students can talk with international student graduates was held as a new event. Through this event, international students were able to gain insight about working in Japanese industry and in turn increase their momentum towards seeking employment in Japan.



〈 Industry research laboratory visit 〉



〈 Cultivating Global Career Aspirations Seminar 〉



〈 Career Meeting with Alumni 〉

■ Featured initiatives based on university characteristics

○ Improvement of international students' Japanese ability

In order to develop Japanese-Language Proficiency Test N2/N1 level Japanese ability, which most Japanese companies look for when recruiting International students, the "Japanese-Language Proficiency Test Preparation Class" offered as part of career development support for international students in 2017-2018 was held as the official NAIST subject "Japanese V" from 2019. With the establishment of "Japanese I-IV" which covers material from N5 to N3, the system to offer a wide variety of Japanese language education was completed. In addition to these official classes, volunteer Japanese classes are also offered for international students and their families.

○ Double degree program enhancement

The double degree program was expanded with 3 new partner institutions (Sorbonne University, Macquarie University, Chulalongkorn University) and the current program quality was reviewed, leading to agreements with 2 institutions (Unitech Institute of Technology, University of Malaya) being allowed to expire upon individual program evaluation. Also, NAIST is currently working in with cooperation with Kasetsart University to establish a double degree program for master's students.

○ Measures to promote Japanese student long-term study abroad participation

The Long-term Study Abroad Support Program was established in December 2019 to financially support Japanese students' long-term research-focused study abroad activities at overseas education and research institutions, starting with the double degree program mobility, and was reviewed for implementation from 2020. Posters and flyers were produced in order to promote program participation, being put up and distributed to all the laboratories.



〈 Study abroad poster 〉

