

FY2021 Inter-University Exchange Project Kyushu University

Support for promoting the establishment of Asian Higher Education Community

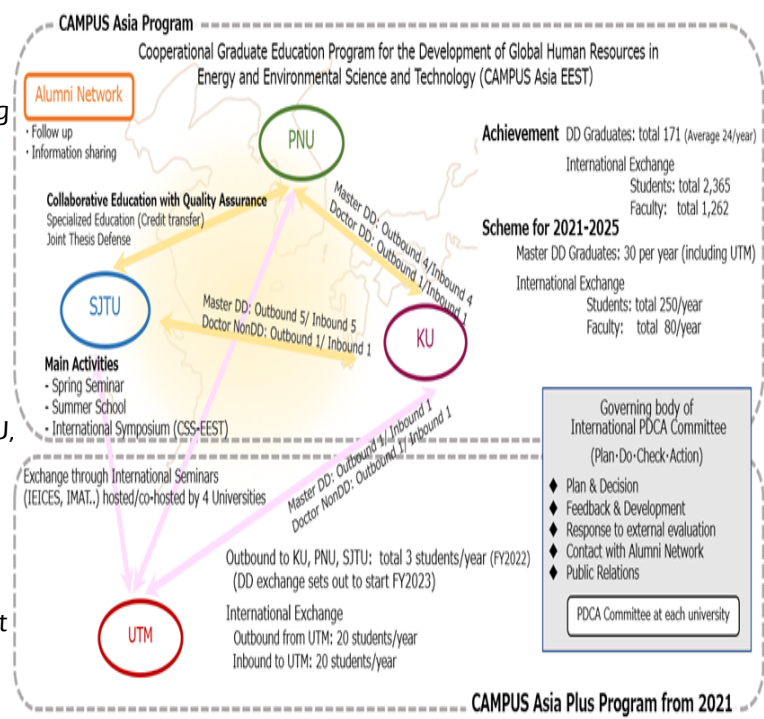
【Name of project】(Adopted year: FY2021, (Type A①))

Cooperational Graduate Education Program for the Development of Global Human Resources in Energy and Environmental Science and Technology –Expansion to ASEAN-

【Summary of Inter-University Exchange Projects】

In this project, the framework of the program, which has been successful under strong cooperation among Japan, China, and South Korea will be expanded to ASEAN, challenging 3 new targets.

1. Having University Technology Malaysia (UTM) joined, CAMPUS Asia Plus Program takes over the previous purposes by 4 universities, KU, PNU, SJTU, and UTM, and makes further development of the global human resources in Energy, Environmental Science and Technology for Asian diversity.
2. In addition to promoting Double Degree Program that established the framework between KU and PNU, doctoral research internship in the runup to Doctoral DD is promoted, and the research environment where more doctoral students can expand their international knowledge is created.
3. To the next stage to self-operated program, securing budgets and efficient program management by online with the quality of education will be actualized.



【Summary of Exchange program】

I. Physical Exchange: 3 requirements, called “Three in one module” are conducted face-to-face.

(1) One semester exchange (about 5 months) (2) Two times of Summer School (about 2 weeks) (3) CSS EEST CA course DD students including Non-DD can take flexible selections of participation due to the difference in length of these study abroad programs.

II. Online Exchange: In impossible situation of physical exchange, all planned programs are switched to online. Due to COVID-19 pandemic, 2020 and 2021 Summer School and CSS were held online; furthermore, since KU, PNU, and SJTU officially signed the agreement to admit the online degree, it is possible to carry out the program without physical exchange, such as earning the required credits, thesis study, and other related research work online.

III. Hybrid Exchange: Wider range of international exchange is effectively promoted online. COIL-type education will be introduced at Spring Seminar, completely held online from Mode-3. This COIL-type module will be actualized in cooperation with faculty members among 4 universities on a trial basis in Spring Seminar and Summer School.

【Global Human Resource on the project】 We aim to cultivate human resources who possess,

1. Highly specialized expertise and research development skills.
2. Understanding of current energy and environmental issues and progressive investigation skills.
3. Globally competent English skills.
4. International sense and understanding of different cultures/races/societies.

【Feature on the project】 This program aims to develop global human resources in the Energy and Environmental Sciences by consortium among 4 universities, KU, PNU, SJTU, and UTM, and is designed to conduct DD course and Non-DD course in both Master and Doctoral courses. CA Plus will apply them as one package to UTM and expand the international knowledge to the students of different backgrounds. PDCA Committee among 4 universities is established to discuss and make decisions for smoothly conducting the program.

【Exchange number】

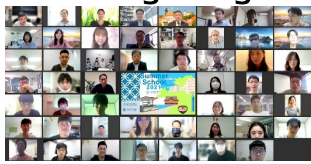
		2021	2022	2023	2024	2025
Out bound	Students studying abroad	50	69	44	43	75
	Students taking online international education and exchange programs in their home countries	0	16	19	20	0
	Students fulfilling both of the above requirements	0	0	0	2	2
In bound	Students studying abroad	8	12	88	70	13
	Students taking online international education and exchange programs in their home countries	20	0	0	0	42
	Students fulfilling both of the above requirements	0	0	0	5	5

1. FY2021 Progress

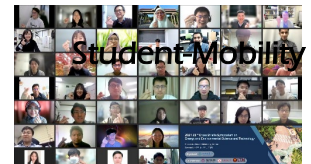
【Name of project】(Adopted year: FY2021) (Type A①: CAMPUS Asia Plus)

Cooperational Graduate Education Program for the Development of Global Human Resources in Energy and Environmental science and Technology –Expansion to ASEAN-

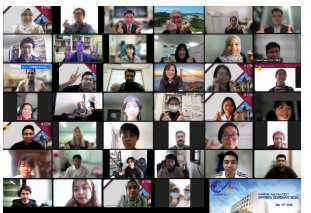
■ Exchange Programs



〈2021 Summer School: KU〉



〈23rd CSS-EEST: PNU〉



〈Spring Seminar: KU〉

◆ 2021 Summer School (Host: Kyushu Univ.)(Aug. 16~27, 2021)(by Zoom)

KU hosted Summer School, and the total 45 students (KU25·PNU9·SJTU11) among 3 universities participated. All activities, such as EEST course lectures, interim appraisal for M2 students as one of the main processes for DD program, the Lab exercise for M1 students, and other group learning activities were conducted all online. All the students could learn and deepen the international exchange.

◆ 23rd CSS-EEST (Host: Pusan National Univ.)(Dec. 2~3, 2021)(by Zoom)

23rd CSS-EEST hosted by PNU was held online, aiming to promote international research and students exchange. As having UTM (Univ. Technology Malaysia) newly joined, the total 115 students (KU23·PNU40·SJTU37·UTM15) among 4 universities participated, and gave the oral presentation on their research.

◆ Spring Seminar (Host: Kyushu Univ.)(Mar. 10, 2022)(by Zoom)

Spring Seminar hosted by KU was held online after SJTU in 2019. With newly joined UTM, the total 39 students (KU14·PNU3·SJTU12·UTM10) participated and gave the group presentations divided into each university on the theme of Culture, Climate, and Environment. It was fruitful opportunity to deepen the cross cultural understanding and the international exchange.

Student-Mobility

○ Outbound

·Online Course with required credits: 1 KU DD to PNU/ 1 KU DD to SJTU.

·6 KU DD students were physically dispatched to PNU, None student to SJTU.

○ Inbound

·Online Courses with required credits: 4 DD from PNU/ 3 DD from SJTU.

·No new inbound DD students admitted to enter Japan in FY2021.

(1 PNU& 2 SJTU DD continued to study in KU from Jan. 2021 to May 2021)

·Summer School (Online): 9 PNU and 11 SJTU students attended.

·Spring Seminar (Online): 3 PNU, 12 SJTU, and 10 UTM students attended.

	R3	
	計画	実績
Outbound	50	31
Inbound	28	55

■ Forming the University Network with Quality Assurance

○ Joint appraisal for Master thesis defense (Zoom)

To review and evaluate Master thesis of DD students, the review committees were jointly organized, and DD defense was conducted between KU-PNU or KU-SJTU.

○ Program management by International PDCA committees (Zoom)

PDCA meetings were conducted to discuss several issues for management and improvement of CA program, held online on Aug. and Dec. FY2021.

○ 23rd CSS-EEST Seminar (Zoom)

PNU hosted 23rd CSS-EEST research seminar, aiming to promote international students exchange and research exchange. The total 115 students from 4 universities participated, and achieved the international exchange and research exchange.

■ Promotion of Student-Mobility Environment

○ Efforts to promote outbound students to PNU/SJTU

Recruitment activities for new DD candidates were conducted online. CA professors actively made efforts to promote new outbound students, providing the academic guidance and advice for campus life in host university.

○ Efforts to promote inbound students to KU

For CA inbound DD students who would take KU online courses from home country, CA orientation was provided to explain about KU course requirements and support them to take the online courses smoothly.

○ Financial aid and supports

From CA Plus adopted FY2021, each home university provides the scholarship, and for the financial support, DD students are exempted from paying tuition and matriculation fee to the host university under the agreement.

■ Internationalization of the university, Information disclosure and Publication of outcome

The latest information of the program was accordingly released on the website. In addition, the newsletter and the program reports were sent to all partners including foreign partners to share information and the outcome of the program.

■ Good Practices

For the students participating the program, the questionnaires and CA reports were conducted to widely collect information and opinions to improve the program. And they were also conducted to the supervisors of DD students to know the outcome and the pros and cones of the program.