

【Name of project】(Adopted year: FY2011, Type A – I)

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

Energy-Environmental Science and Technology, Advanced School of International Alliance (EEST ASIA)

【Aim of project, Ideals of Global Human Resource on the project】

To foster scientists and engineers in leadership positions with 1)highly specialized expertise and outstanding skills for research development, 2)deep knowledge and understanding of EEST fields, 3)a good command of English and 4)global view in regional issues.

【Summary of project】

To cultivate new leaders participating actively in global field of EEST awarded Double Degrees under the the program by Shanghai Jiao Tong University(SJTU), Pusan National University(PNU), and Kyushu University(KU)

Forming the University Network with Quality Assurance



〈2015/3/25 Graduation at KU〉

○ Graduation of 20 Students with awarding of double master degrees (DD)

20 students have succeeded to graduate two universities among the three universities with awarding of DD within their normal enrollment period at February/March 2015.

○ Program management and improvement by PDCA committees

Both international and domestic PDCA meetings were held occasionally to manage and improve the program. The detailed way to approval master thesis for DD was conferred.

○ Collaboration with other universities in Asia

To extend the network of CA program, several seminars/meetings were conducted jointly with Nagoya/Tohoku university, Tokyo Institute of Technology and Yonsei University.

○ Evaluation of the program by the external experts

The evaluation of the EEST program by the external review committee was carried out. The committee gave quite high mark by our successful outcome.

Contents of the Programs

2014/8/11~22 Summer School at SJTU



○ Student exchanges

Dispatched 12 students and accepted 10 students aiming DD.

○ Field trip (Jul 18-19, 2014)

KU organized the educational field trip to Yamaguchi area for 30 course students.

○ Summer School (Aug 11-22, 2014)

SJTU hosted the 3rd Summer School and total of 96 students among three universities participated. 3 credits and Completion Certificate were given to all.

〈2015/3/21 Graduation at SJTU〉

○ CSS EEST#16 Seminar (Nov 13-15, 2014)

PNU hosted the CSS EEST#16 seminar aiming to promote international student exchange and total of 130 students among three universities participated.

○ Acceptance of Ph. D students as short-term visitors

KU accepted 3 Ph.D students for research works in laboratories of appointed supervisors as trial runs to extend the program to doctor course students.

○ Spring Seminar (Feb 25-28, 2015)

KU organized Spring Seminar as the supplemental EEST course curricula for the course students to encourage their study in the EEST fields.



2015/2/25~28 Spring Seminar at Kyushu area



Student-Mobility

○ Outbound

Dispatched 105 students for Summer school, student exchange, CSS EEST and short-term visiting.

○ Inbound

Accepted 33 students for student exchange, Spring Seminar, the trial for the Ph.D and short-term visiting.

	2011	2012	2013	2014	2015
Accepted number in Japan	C10 K10	C25 K41	C30 K46	C21 K12	C7 K7
Accepted number in China	0	J3 K3	J54 K71	J53 K34	J7 K7
Accepted number in Korea	0	J24 C13	J5 C2	J52 C28	C25 J37

(Note FY2011-2014 results, FY2015 planned)

Promotion of Student-Mobility Environment

○ English class for the course students

Provided English education by native English teachers and monitored TOEIC scores to know how students have improved/brushed up their English skill.

○ Japanese class for the exchange students

Provided Japanese education including introduction of Japanese culture.

○ Support for exchange students for their study and daily life

In addition to ordinary supporting systems, the laboratory studying system in which each exchange student carries his laboratory study in his supervisor's laboratory makes easy to support him for not only his study but also his daily life.

○ Short Stay/Short Visit Program

Accelerated Student-Mobility by using SSSV program, in particular, extended exchanges to Ph.D course students

Internationalization of the university /Information disclosure and Publication of outcome

○ Launching a new symposium to expand the exchange program

To enhance/promote internationalization, a new symposium called SKY-1 with Yonsei University was successfully held in KU. A total of 19 Ph. D students and 21 professors joined for sharing academic findings and networking.

○ Publicity activities

In addition to HP and FB, news letters (both in Japanese and English) and the annual report (Japanese) are published.