



【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 field, 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 cooperational Graduate Education Program by Shanghai Jiao Tong University(SJTU), Pusan National University(PNU), and Kyushu University(KU).

■ Construction of the framework of DD course with quality assurance

○ Establishment of EEST course and enrollment of DD students

Following the establishment of the EEST course at April 2012, the first grade students from PNU and SJTU were enrolled and those from KU were registered as EEST course students aiming Double Degree(DD). (The first DD students will be graduated at March, 2015)

○ Management and control of on-going program by PDCA committee

Both international and domestic PDCA meetings were occasionally held to manage and control the program. The detailed way for the final approval of DD is still under discussion.

○ External evaluation of the EEST program for improvement and quality assurance

External evaluation of the EEST program by International exchange planning committee of KU was carried out. The committee gave quite high mark and encouraged to continue the program.



〈Int'l PDCA meeting at SJTU〉

■ Contents of EEST course program

○ Students exchange and enrollment aiming DD

KU dispatched each 5 students to PNU and SJTU, while accepted 4 and 5 students from PNU and SJTU respectively. All exchange students were enrolled in two universities among three as a regular student aiming DD.

○ Summer School

KU hosted the 2nd Summer School for 10 days in the mid of Aug. Total of 91 students participated, including DD students, non DD students and 10 students invited from Asian countries to make the program more international. 3 credits and the Certificate of the completion were awarded to them.

○ CSS - EEST#15 (Autumn Seminar)

To enhance international students exchange, SJTU hosted CSS (Cross Straights Symposium) EEST #15 in Nov. Total of 138 graduate course students (KU49, PNU 68, SJTU 21) including 11 EEST course students attended and enjoyed presentations/discussions among them.

○ Spring Seminar

All DD course students met together at Spring Seminar hosted by KU to encourage their study and had supplemental lectures in the EEST course and enjoyed field trip to Nagasaki visiting the first shipyard of Japan and Atomic bomb museum.



〈 Opening 2nd Summer school 〉



〈Spring Seminar Filed trip to Nagasaki〉

	2011	2012	2013	2014	2015
Accepted number in Japan	C10,K10	C25,K41	C30,K46 Others 10	C27,K27 Others 5	C7,K7
Accepted number in China	0	J3,K3	J54,K71	J7,K7	J7,K7
Accepted number in Korea	0	J24,C13	J5,C2	J7,C7	C25,J37

Note : FY2011-2013 results, FY2014 -2015 planned

■ Promotion of Student-Mobility Environment

○ Promotion and Encouragement

- All students belonging to EEST course will be awarded the certificate of "Completion of the EEST course" signed by three representatives of KU, PNU and SJTU. Special care and a recommendation letter were given for their Job hunting.
- Some orientations for dispatching/accepting students were held to ensure their academic achievement.
- In cooperation with Short Stay(SS) program, KU invited each 2 students from Bangladesh, India, Indonesia, Malaysia and Thai to the Summer School. The SVSS program will be further used in 2014 to make this program more expanded.

○ Students care system in KU

Three teaching staff (one Prof. and two Assoc. Profs) and three administrative staff specialized to CAMPUS Asia are always supporting EEST course students, responding to their requests, and encouraging their studies.

■ Public information (Content of Education, Dissemination of the Outcomes)

○ Publicity Activities

- In addition to posting program contents on our websites such as Homepage and Facebook, a series of annual report of FY2013 was published.
- The joint symposium with other programs in KU supported by MEXT was held to promote the networking.