

Overview of Campus Asia Project in Kyushu University

CAMPUS Asia Pilot Program



【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 cultivate individuals to become scientists and engineers in leadership positions with (1) highly specialized expertise and research development skill based on the expertise, (2) fully understanding in EEST field with deep insight ,(3) globally competent English skill and (4) wise and compliance in global world

【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

■ Construction of the framework of DD course with quality assurance

○ Framework agreement for the Double Degree program

Framework Agreement aiming for Double Degree from two universities among 3 universities entered in force at February 18, 2013, and EEST course was established in KU with new curriculums for DD and non DD courses.

○ Establishment of EEST course in KU

From FY 2013, EEST international course has been established in KU, which consists both DD and non-DD courses.

○ Preparation of Curriculum for EEST program with quality assurance

To realize DD and non DD courses in EEST program, Curriculum, Credits award and way of Degree award with quality assurance are established after discussions among 3 universities.



〈 DD Singing Ceremony at KU 〉

■ Contents of EEST course program, and trial-run in FY 2012

○ Summer School

The 1st Summer School hosted by PNU for 10 days in the mid August. 3 credits and the Certificate of the completion were awarded to them.

○ Students Exchange

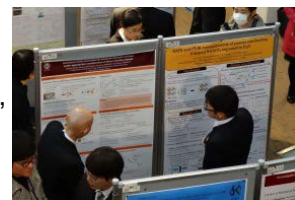
Each 3 Universities dispatched 3 students and accepted 3 students to/from for one semester in FY 2013 as the trial-run for future DD course. The exchange students participated in the curriculum course for future DD students.



〈 Tour to LG Electronics Inc. at Busan 〉

○ CSS - EEST#14 (Autumn Seminar)

To enhance international students exchange, KU held CSS (Cross Straights Symposium) EEST #14 with 22 SJTU students, 38 PNU students and 55 KU students on 18-19 February, 2013.



〈 CSS EEST, Poster display session 〉

■ Implementation of EEST course aiming Double Degree

○ Students Exchange for DD program

Each university will admits 5 students each from the other two universities as DD program students from FY 2013. Accordingly each 5 students of SJTU and PNU will be enrolled at KU from April and October, respectively and will stay for one semester as exchange students.

○ EEST course program for non DD students

To encourage international student exchange, non DD program is also provided and the course students will take the same curriculum in KU including the attendance of summer school and autumn seminar .

	2011	2012	2013	2014	2015
Accepted number in Japan	C10 K10	C25 K41	C6 K6	C27 K27	C7 K7
Accepted number in China	0	J3 K3	J26 K26	J7 K7	J7 K7
Accepted number in Korea	0	J24, C13	C6 J6	C7 J7	C25 J37

(Note : FY2011-2012 results, FY2013 -2015 planned)

■ Promotion and Encouragement of EEST Course student and Student care system

○ Promotion and Encouragement

All students including DD course students belonging 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 will be given for their Job hunting. .

○ Students care system in KU

Three teaching staffs (one Prof. and two Assoc. Profs) and three administrative staffs specialized to Campus-Asia are always watching and supporting foreign students, responding to their requests, and encouraging their studies.

○ English Education

To improve English skills for EEST course students, English Education classes taught by native English teachers are prepared.

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

○ Publicity Activities

HP(<http://www.tj.kyushu-u.ac.jp/campus-asia/>), FB(www.facebook.com/kucampus.asia) and brochures are used to introduce our activities.



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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.



〈 Opening 2nd Summer school 〉

○ 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 Filed trip to Nagasaki 〉

○ 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.

	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.

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

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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

○ 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.



〈2015/3/25 Graduation at KU〉



〈2015/2/27 Graduation at PNU〉



〈2015/3/21 Graduation at SJTU〉

Contents of the Programs

2014/8/11~22 Summer School at SJTU



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

○ 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.

○ 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.

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.



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■ Forming the University Network with Quality Assurance

○ Graduation of 30 Students awarded double master degrees (DD)

30 students have succeeded to graduate two universities among the three universities with awarding of DD within their normal enrollment period at February/March 2016.

○ Joint appraisal for the Master Thesis defense

To review and evaluate Master theses of DD students, review committees were jointly organized within 2 universities (KU-PNU, KU-SJTU,PNU-SJTU).

○ Collaboration with other universities

A joint meeting with Nagoya, Tohoku University and Tokyo Institute of Technology was held to discuss future plans of the CA program.

○ Participation in the seminar held at TITECH

EEST course students participated in CAMPUS Asia special lecture organized by TITECH.

○ Program management by PDCA committees

Both international and domestic PDCA meetings were held several times for the management and improvement.

■ Contents of the Programs

〈 2015. 8.17-27 Summer School at KU 〉



〈 2016. 3.25 FD meeting at KU 〉



■ Student-Mobility

○ Outbound

Dispatched 17 students including 7 DD students.

○ Inbound

Accepted 170 students including 12 DD students.

■ Promotion of Student-Mobility Environment

○ Student Support

Continuous supports for exchange students of their learning and daily life have been done in 3 universities, including an orientation, scholarship, dormitory, counseling and tutorial. All students were satisfied with these supports.

○ Recruiting students

To recruit new candidates for FY2016, the special session was held at SJTU.

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

○ Introduction of the CA program at annual conference of Japanese Society for Engineering Education, 2015

The CA program was given an international session award in JSEE 2015 Annual Conference and a special prize by MEXT on the high appreciation of its contents.

○ Presentation on his learnings at the summit event

A KU student who had stayed in PNU as the DD student presented his opinion on the CA program at the educational symposium jointly held by Japan and the Korean government. His heart warming speech impressed the whole audience. Based on this, he was given the special award by the KU president at the graduation ceremony.

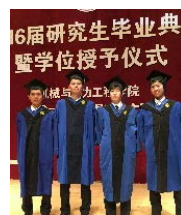
○ Other activities

In addition to the website(HP, FB), CA News Letters(both in Japanese and English) were published twice and 2 reports, one annual report and the other summary report for 5 years, were published.

〈2016/3/25 Graduation at KU〉



〈2016/2/27 Graduation at PNU〉



〈2016/3/26 Graduation at SJTU〉

○ Student exchanges

KU dispatched 7 students and accepted 12 students aiming to get DD.

○ Field trip (July, 2015)

EEST course students joined an scientific tour and field trip to Nagasaki area.

○ Summer School (August, 2015)

KU hosted the 4th Summer School and total of 102 students among three universities participated. 3 credits and Completion Certificate were awarded.

○ Acceptance of undergraduate students (July to August, 2015)

KU accepted 9 undergraduate students from PNU as internship students.

○ CSS EEST#17 Seminar (December, 2015)

KU hosted the 17th CSS EEST research seminar aiming to promote international student exchange and total of 123 students among three universities participated.

○ Spring Seminar (February/March, 2016)

KU, PNU and SJTU hosted farewell seminars for 2-3 days before the graduation of their DD students, accepting 7 at KU and dispatching 4 to PNU and 6 to SJTU from KU.

	2011	2012	2013	2014	2015
Accepted number in Japan	C10 K10	C25 K41	C30 K46	C21 K12	C75 K95
Accepted number in China	0	J3 K3	J54 K71	J53 K34	J9 K3
Accepted number in Korea	0	J24 C13	J5 C2	J52 C28	C8 J8