

Ministry of Education, Culture, Sports, Science and Technology

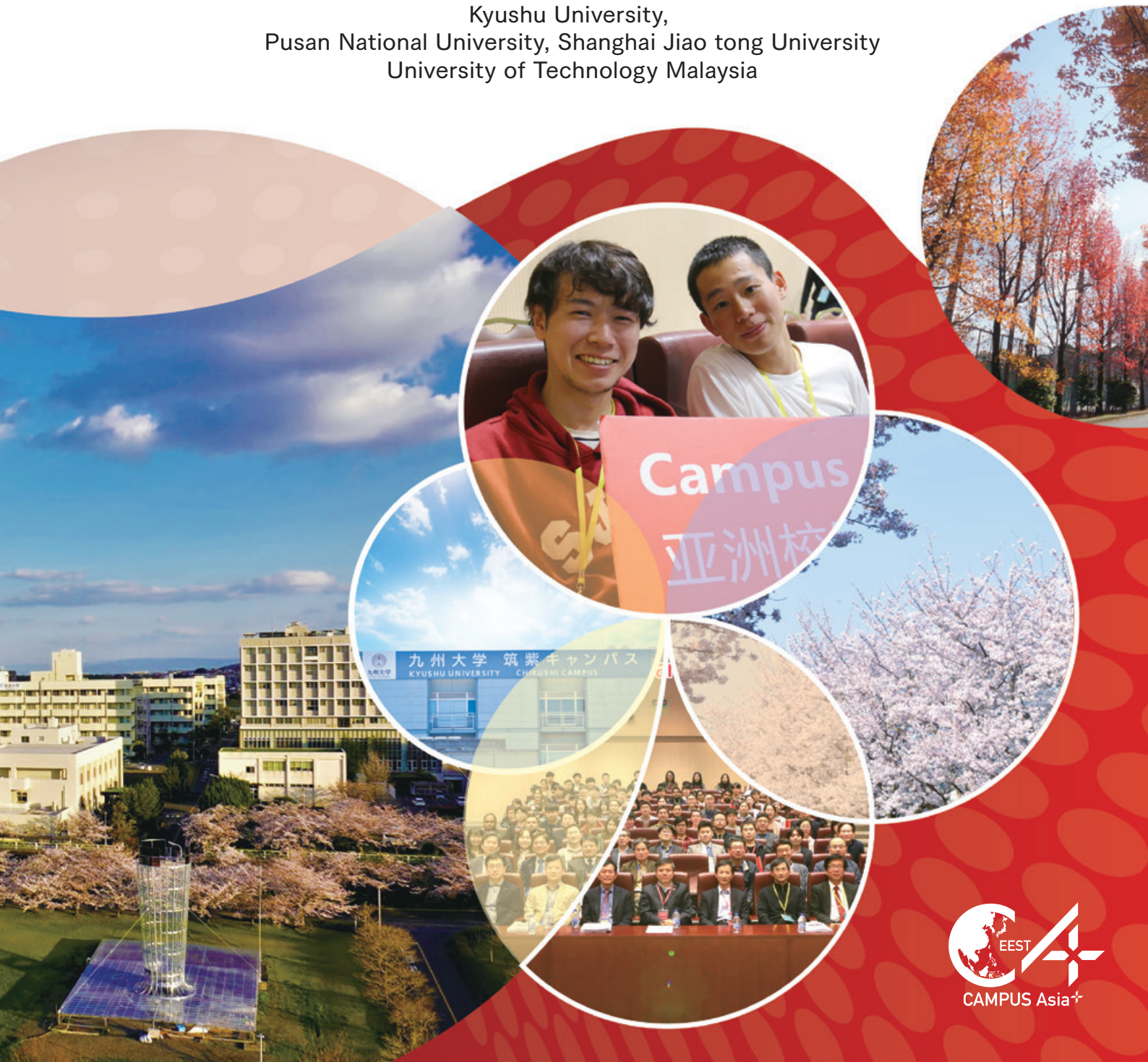
**Re-inventing Japan Project**

# CAMPUS Asia

## EEST

Collaborative Graduate School Program  
to Cultivate Global Human Resources  
in Energy and Environmental Science and Technology

Kyushu University,  
Pusan National University, Shanghai Jiao tong University  
University of Technology Malaysia





Energy and Environmental Science and Technology,  
Advanced School of International Alliance (EESTASIA)

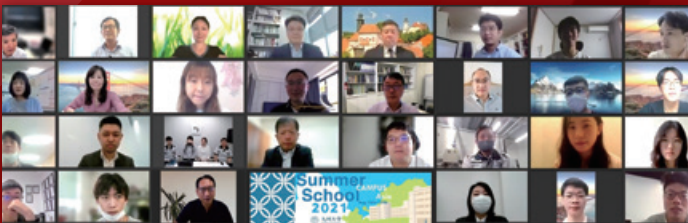
# Jump up to global field of EEST! with double degrees in master courses

Be a new leader actively participating global field of  
EEST from Asia to the world.



## What is Campus Asia?

A program promoted by MEXT that undertake universities in Japan, China and Korea collaboratively to enhance their globalization. In mode3, we expanded our project to ASEAN by adding a new partner, University of Technology Malaysia.



EEST Asia program is aiming to cultivate new leaders actively participating global field of EEST from Asia to the world. We are putting all our efforts in not only professional educations in EEST but also educations and training of communications in English and understanding of Japan, China, Korea and Malaysia.

The EEST course was newly established to award double degrees (master's degree) in two universities among four collaborative universities within a normal enrollment period and with one master thesis written in English. The course consists of a "three in one" module, namely combining the semester exchange, summer school and international seminars together.

※The doctor's double-degree program is conducted only between KU and PNU.

One-year study at PNU(host university) and a dissertation is required at each university.

Four universities are collaborating to revitalize exchanges of students and researchers aiming to foster global human resources with a home ground throughout Asia.

## PNU

### Pusan National University

Faculty of Engineering



## SJTU

### Shanghai Jiao Tong University

School of Mechanical Engineering  
School of Materials Science and Engineering  
School of Environmental Science and Engineering  
China-UK Low Carbon College  
School of Chemistry and Chemical Engineering



## KU

### Kyushu University

Interdisciplinary Graduate School of Engineering and Sciences



## UTM

### Universiti Teknologi Malaysia

The Faculty of Mechanical Engineering



## International course of Energy and environmental Science and Technology

Aiming for double degree (to be awarded with master's/doctor's degree simultaneously from two universities)

※Only between KU and PNU for doctor's double degree

### Graduation Ceremony in SJTU



diploma

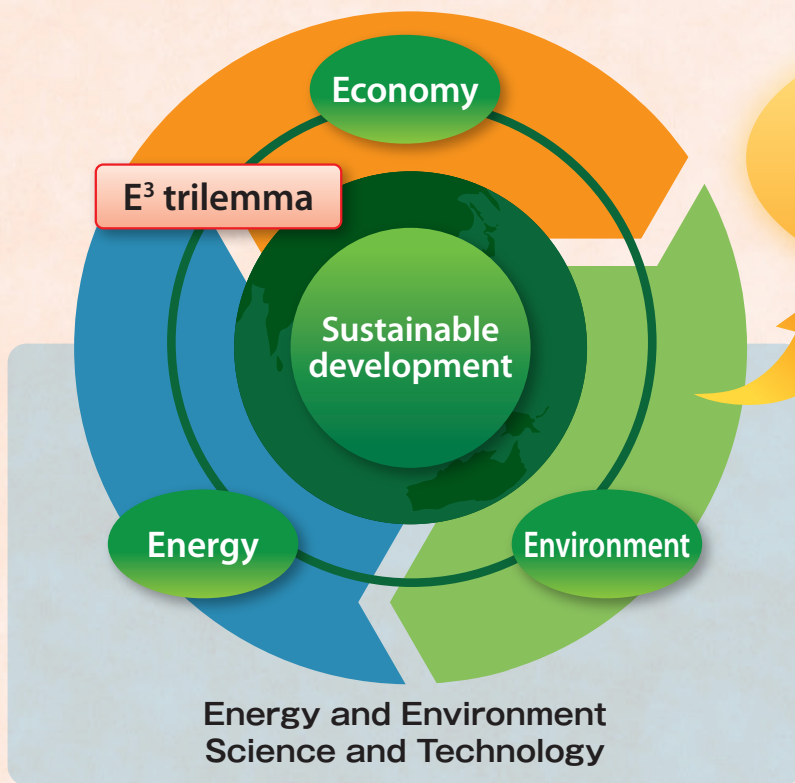


Certificate of Master degree

### Graduation Ceremony in PNU



# Energy and Environmental Science and Technology (EEST) In Asia and the World



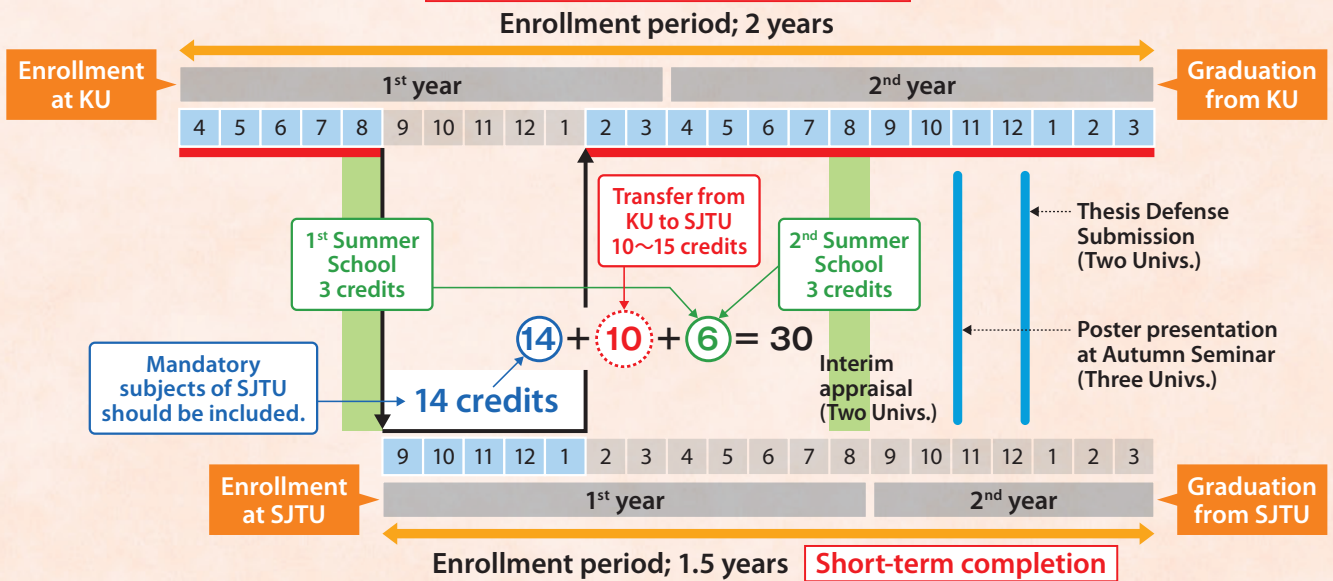
**Aiming at cultivating EEST global human resources awarding DD in master courses of two universities among the three consortium universities with quality assurance**

- Globally-competent human resources in EEST who possess:**
- ① Research and development capabilities
  - ② Understanding and analysis of the current state of environmental problems
  - ③ A good level of English ability
  - ④ Understanding of foreign cultures, people, and societies and ethics

<b>Master's Double Degree</b>	<b>Characteristics for graduation</b>	<ul style="list-style-type: none"> <li>● Studying 3 semester in Home university</li> <li>● Lectures and Laboratory studies relating EEST in addition to a DD student's major</li> <li>● Staying 1 semester at Host University</li> <li>● Employing credit exchange (transfer) system between Home and Host Universities</li> </ul>	<b>Quality assurance</b>
	<b>Establishment of EEST Program (Course)</b>	<ul style="list-style-type: none"> <li>● Curriculum focusing EEST</li> <li>● Participating two Summer Schools (SS) (M1 &amp; M2) to earn 6 (3 + 3) credits, which are commonly awarded in four universities.</li> </ul>	
	<b>Approval of Double Degree (Master's thesis)</b>	<ul style="list-style-type: none"> <li>● One common thesis written in English</li> <li>● Supervisors from Home and Host Universities</li> <li>● Joint evaluation system</li> </ul>	
		<b>Improvement of English skills</b>	<b>Study of foreign Culture &amp; Language</b>
<p><b>Framework of EEST Course to cultivate global human resources awarding <b>double degrees (DD)</b> in master courses of two universities among the three consortium universities with quality assurance.</b></p>			

# A Study Pattern of KU students to get Master's Double Degrees of KU and SJTU

There is no difficulty to get a Master degree at home university (KU).



Lessons for practical English usage



Scientific Tour



Online Master's Thesis Defense

In addition to course curriculum in major of each exchange DD student in his/her Home University

## EEST course curriculum

- Professional English Communication (once a week for 15 weeks)
- Courses in 2 times of Summer Schools (Earn 6 Credits)
- Lectures in EEST course all managed by English

Be awarded the certificate of successful completion of EEST course

Stay at host university as an exchange students for 1 semester, Get 6-14 Credits, Pass defense of master thesis

**DD course**  
Be awarded DD in master course



**Non-DD course**



# A Government Subsidy Project that covers expenses on

## Tuition fees for EEST course

Summer School (registration, traveling and staying costs)

Scientific tour

English language training

TOEIC examination fee

## Cost for studying as an exchange student

Traveling

Residence (Except utility bill)

Insurance for staying abroad

Living expenses(Exchange scholarship will be awarded)



IGSES Commencement Ceremony

## Voices from inbound students (from PNU and SJTU) awarded DD



- I like this program very much. I hope two universities continue to maintain their academic level.
- I think this program is excellent and it is really a wonderful memory for me. However, the universities should work together to offer some research projects in which the students could conduct both in their home university and the host university.
- I hope the program would be expanded in a larger scale so that more students could participate in it.
- Quite perfect program! I hope the program will last long and long!
- This experience absolutely provided us wider outlook in the field of energy and environment. It is a plus-quality to international company.
- Research period was too short because, as you know, I had stayed in Japan for 6 months. So, I had difficulties to prepare my graduate defense.
- The semester I spent at Fukuoka University is not only the great experience that broadened my view, but also one of the most unforgettable memories of my life. Attending one of the greatest schools in Japan and spending a semester at Kyushu University has helped me a lot to learn about the Japanese culture and life, and it is also a good opportunity for nurturing a global mindset.
- It is a great honor for me to be the first group of students who can join in CAMPUS-Asia program. I hope this program will continue to strengthen the communication of students from China, Japan and Korea in the future.
- We met Japanese and Korea students. The cultural communications between us really help us seeing the other country in a better way.
- I learnt the knowledge about many fields related to environment and energy, and also made many Japanese friends. I will be sincerely grateful for the fond memories I made here in Japan which worth cherishing forever.
- It was the time to broaden awareness of foreign culture. Although I was staying in Japan, I could know their view of the world, future, major fields, and so on both of Japanese and Chinese. Because some parts were different from common Korean's, I could think further about those subjects and how I can deal with these as a global engineer.
- I really enjoy the 4months life in Japan. During this semester in KU, I have learned a lot of knowledge, made a lot of friends, experienced Japanese culture and broaden my horizon.



## CAMPUS Asia Plus EEST

Energy and Environmental Science and Technology

URL ▶ <http://www.tj.kyushu-u.ac.jp/campus-asia>



## Kyushu University (Chikushi Campus)

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TEL ▶ 092-583-7502 FAX ▶ 092-583-7060  
URL ▶ <http://www.tj.kyushu-u.ac.jp/>

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### Student Affairs Division

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### Access

