

【Name of project】 (Year Adopted: FY2016, (TypeA-① CAMPUS Asia))
Advanced TKT CAMPUS Asia Consortium

【Summary of Project】

Since 2011, the TKT CAMPUS Asia Consortium has been run by three world-class universities in East Asia, Tsinghua (China), KAIST (South Korea), and Tokyo Tech (Japan), which specialize in the fields of science and technology. The three universities aim to enhance the quality of education and research opportunities through a shared quality assurance system which includes credit recognition and joint supervision of students. The Consortium will encourage development of more advanced research-oriented educational programs, including a joint degree program, to promote international collaborations.

【Summary of Exchange Program】

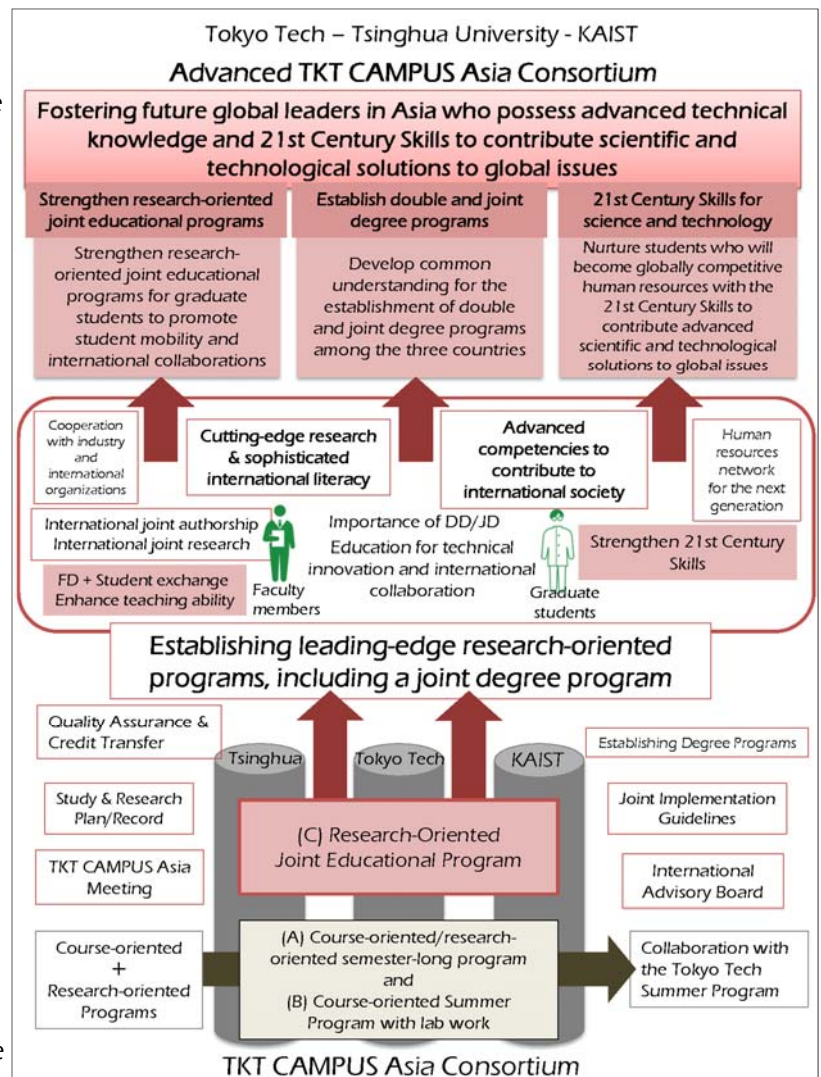
The objectives of the Advanced TKT CAMPUS Asia Consortium are 1) to strengthen research-oriented joint educational programs to promote student mobility and international collaborations, 2) to develop common understanding in order to establish double and joint degree programs among the three countries, and 3) to foster future leaders in Asia and the global community who, possessing 21st Century Skills, will contribute science- and technology-based solutions to global issues. In addition, in order to encourage more creative and active involvement in the program, other activities involving industries and related organizations will be implemented. Students will be able to experience the latest technological innovations and build professional networks. Every year, each university will send ten students on an exchange program and accept ten exchange students. The programs are offered to advanced undergraduate students, master's students and doctoral students, and the consortium will build a common understanding for the establishment of double and joint degree programs for selected areas of specialty.

【Global Human Resource Development】

The project aims to nurture internationally competitive human resources. As future leaders in Asia and the global community, these students will develop the specialized knowledge and 21st Century Skills to contribute scientific and technological solutions to global issues.

【Project Features】

The three universities established a Joint Committee to discuss future plans to achieve the objectives above. Another meeting was held between KAIST and Tokyo Tech professors to discuss the possibility of expanding double degree program between partner schools or departments in the fields of Computing, Materials Science and Engineering, Life Science and Technology, and Business and Technology Management. The project aims to apply best practices to foster future global leaders in Asia.



【Exchange numbers】

	2016	2017	2018	2019	2020
Accepted number in Japan	C 2 K 3	C 5 K 5	C 5 K 5	C 5 K 5	C 5 K 5
Accepted number in China	J 3 K 3	J 5 K 5	J 5 K 5	J 5 K 5	J 5 K 5
Accepted number in Korea	J 2 C 5	J 5 C 5	J 5 C 5	J 5 C 5	J 5 C 5

1. FY2016 Progress

【Tokyo Institute of Technology】

【Name of project】(Year adopted: FY2016 (Type A-① CAMPUS Asia))

Advanced TKT CAMPUS Asia Consortium

■ Exchange Programs



<21st Century Skills Seminar>

The following activities were implemented in FY 2016.

- Short-term student exchanges: 6 outbound and 10 inbound
- Participants' Study and Research Plans were reviewed and signed by supervisors at both the home and host universities for quality assurance.
- The possibility of extending the double degree program to other departments in TKT CAMPUS Asia was discussed at the Main Project Meeting.
- A "21st Century Skills Seminar" focused on communication skills was held for inbound and outbound students.

■ Student Mobility

○ Outbound

In FY 2016, the project sent 6 Tokyo Tech students to KAIST.

○ Inbound

In FY 2016, the project received 5 students each from Tsinghua University and KAIST for a total of 10 students. There were 30 applicants from Tsinghua and 13 from KAIST, so 5 more students were accepted than originally planned.

	2016
Accepted number in Japan	C 5 K 5
Accepted number in China	J 0 K 3
Accepted number in Korea	J 6 C 14

■ Forming a University Network with Quality Assurance

○ Strengthening research-oriented joint educational programs to lead cutting-edge research in Asia

In FY 2016, Tokyo Tech sent 7 professors and 7 students to KAIST to discuss research collaborations and participate in a special class co-organized by professors from KAIST and Tokyo Tech.

○ Participation from universities other than TKT partner universities

In FY 2016, participating students were from the partner universities only. CAMPUS Asia students will take intensive courses with students from other countries in Tokyo Tech Summer Program 2017.

○ Faculty and staff development to enhance international collaborations

A special seminar was held for staff engaged in supporting international students to improve their communication skills in English. A seminar for faculty members is planned for FY 2017.

■ Promotion of Environment that Supports Student Mobility

○ Preparations to support outgoing students

The project held the "21st Century Skills Seminar (in English)" to boost the language skills of students wishing to study abroad. For students studying abroad, the project offers academic consultations and advice on everyday living, as well as advice by a program coordinator.

○ Support for incoming international students

Tokyo Tech is working toward the smooth acceptance of international students through close communication with partner universities and the early provision of program information to incoming students. While in Japan, international students are paired with Tokyo Institute of Technology students in related fields who serve as tutors.



■ Internationalization of the University

Information Disclosure and Publication of Outcomes

Currently, about 12% of Tokyo Tech's students are from overseas. The Institute has initiated administrative reforms through organizational changes, streamlining of human resources, and innovation of education and research systems. The program has also established a unique website which includes introductions to academic staff, research and educational activities, and event information for all CAMPUS Asia programs. In 2016, the website was redesigned with the addition of new contents and information about other universities participating in CAMPUS Asia programs.

■ Best Practices

○ Professors in the fields of Materials Science and Engineering, Computing, and Business and Technology Management visited KAIST to discuss the possibility of expanding double degree programs between partner schools or departments. Also, professors and students from the Department of Mechanical Engineering— which established a double degree program with KAIST in FY 2015— made a short KAIST.

○ A "21st Century Skills Seminar" was conducted for inbound and outbound students and administrative staff members to enhance communication skills.

○ A Joint Committee of the three universities met to discuss future plans to achieve the objectives.

2. FY2017 Progress

【Tokyo Institute of Technology】

【Name of project】(Year adopted: FY2016 (Type A-① CAMPUS Asia))

Advanced TKT CAMPUS Asia Consortium

■ Exchange Programs



〈21st Century Skills Seminar〉

■ Student Mobility

○ Outbound

In FY 2017, the project sent 9 Tokyo Tech students to KAIST and 2 students to Tsinghua for a total of 11 students.

○ Inbound

In FY 2017, the project received 8 students from Tsinghua University and 12 students from KAIST for a total of 20 students.

■ Forming a University Network with Quality Assurance

○ Strengthening research-oriented joint educational programs to lead cutting-edge research in Asia

Tokyo Tech invited KAIST professors in the fields of Business and Technology Management to discuss joint supervision of student research and student exchanges. Tokyo Tech faculty members in Life Science fields also visited KAIST to discuss future collaborations.

○ Participation from universities other than TKT partner universities

In FY2017, CAMPUS Asia students took intensive courses with students from other countries who participated in Tokyo Tech Summer Program. They also took part in site visits and cultural activities together.

○ Faculty and staff development to enhance international collaborations

An English-language communication skills seminar was held for staff members. Faculty members attended Tsinghua's Global Competence Workshop to learn about Tsinghua's implementation of 21st Century Skills education.

■ Promotion of Environment that Supports Student Mobility

○ Support for inbound international students

The project continued to emphasize close communication with partner universities and the early provision of program information to incoming students. The project also provides on-campus support through a project coordinator and the pairing of new international students with Tokyo Tech tutors.

The 21st Century Skills Seminar offered an opportunity for exchange among inbound and outbound students.

○ Preparations to support outbound students

A 21st Century Skills Seminar focused on communication skills was held for outbound Tokyo Tech students and their inbound counterparts. For those already studying overseas, the project offers academic consultations and advice on everyday living through email communication with a project coordinator.

〈Inbound and outbound students〉



■ Information Disclosure and Publication of Outcomes regarding Internationalization of the University

Currently, about 12% of Tokyo Tech's students are from overseas. The Institute continues to assess its educational content and delivery methods to ensure alignment with international standards and offer a quality-assured education that facilitates smooth credit transfer with the world's finest universities. To better disseminate information to internal and external audiences, the project website was renewed with the addition of information about faculty members and other universities participating in CAMPUS Asia programs.

■ Best Practices

○ 21st Century Skills Seminars were conducted to enhance the communication skills of inbound and outbound students as well as administrative staff members. Faculty members participated in the Global Competence Workshop at Tsinghua University.

○ Faculty representatives for the project from Tokyo Tech, KAIST and Tsinghua conducted three Joint Committee meetings in FY2017.

The following activities were implemented in FY 2017.

- Student exchanges: 11 outbound and 20 inbound
- Participants' Study and Research Plans were reviewed and signed by supervisors at both their home and host universities.
- The Joint Committee held three meetings during the year. In addition, faculty members met to discuss promotion of faculty and student exchanges and possible development of the double degree program through an expansion of academic fields.
- 21st Century Skills Seminars were held for inbound and outbound students, staff, and faculty members.

	2017
Accepted number in Japan	C 8 K 12
Accepted number in China	J 2 K 9
Accepted number in Korea	J 9 C 28