

【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】

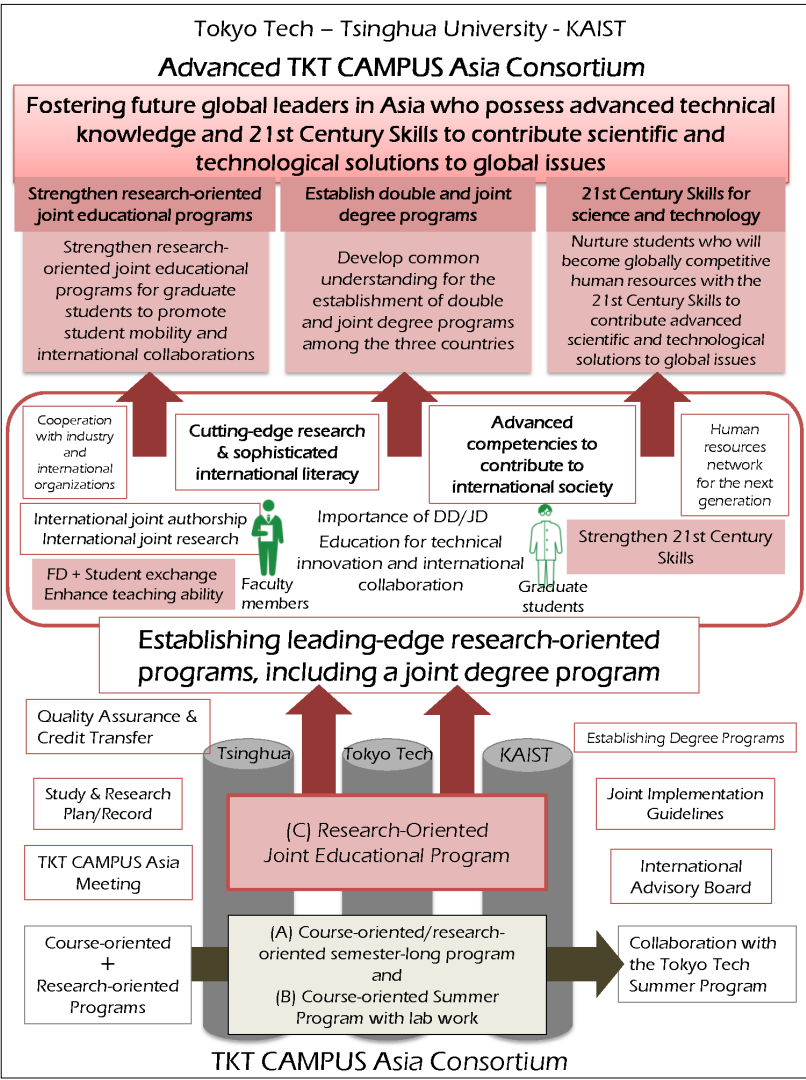
The objectives of the Advanced TKT CAMPUS Asia Consortium are 1) to strengthen research-oriented joint educational programs to promote student mobility and international collaborations, 2) to develop common understanding in order to establish double and joint degree programs among the three countries, 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 sin 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

【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.



〈Inbound and outbound students〉

■ 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.

【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.

	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

3. FY2018 Progress

【Tokyo Institute of Technology】

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

Advanced TKT CAMPUS Asia Consortium

■ Exchange Programs



(Lecture in Hakone, Summer School)

The following activities were implemented in FY 2018.

- Student exchanges: 16 outbound and 22 inbound (plus 14 inbound from non-partner universities).
- Participants' Study and Research Plans were reviewed and signed by supervisors at both their home and host universities.
- The project piloted an expansion of the Summer School, with Tokyo Tech hosting 14 students from universities outside the tripartite.
- 21st Century Skills Seminars were held for inbound and outbound students.

<TypeA—①>

	2018
Accepted number in Japan	C 12 K 10
Accepted number in China	J 1 K 5
Accepted number in Korea	J 15 C 20



(Final Presentations, Summer School)

■ Student Mobility

○ Outbound

In FY 2018, the project dispatched a total of 16 Tokyo Tech students, including 9 to KAIST, 1 to Tsinghua, and 6 on a short-visit program to South Korea.

○ Inbound

In FY 2018, Tokyo Tech hosted total of 36 students, including 12 from Tsinghua University, 10 from KAIST, and 14 students from non-partner universities.

■ Forming the University Network with Quality Assurance

○ The project piloted expansion of the Summer School by inviting applications from students from non-partner universities, such as HKUST, Nanyang University of Technology, and American and European universities. This effort enabled the consortium to enhance the international environment for the education of TKT students.

○ Tokyo Tech issued academic records to students who took coursework during their exchange. Students who fulfilled the completion requirements for the program also received certificates of program completion. The issuance of these documents marked the start of a system to enable students' home universities to authorize credit transfer or to recognize credits earned at Tokyo Tech in other ways, such as by counting the credits toward their own graduation requirements.

○ As participants conduct their studies and research according to the "Study and Research Plan/Record" organized in consultation with their supervisors at their home and host universities and receive guidance from supervisors at each, their progress and achievements are closely tracked and appropriately evaluated.

■ 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 in similar fields of study. The 21st Century Skills Seminar offered a valuable 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.

■ Internationalization of the university

Information disclosure and Publication of outcomes

In FY 2018, about 17.2% of Tokyo Tech's student body was 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, a blog written by participants was added to the project website.

■ Good Practices

A trip to Hakone was included in the Summer School and a get-together lunch was included in the Winter Program. These events provided inbound and outbound students another opportunity to get to know each other better and to exchange information. As a result, participants reported a stronger sense of belonging as "CAMPUS Asia students."

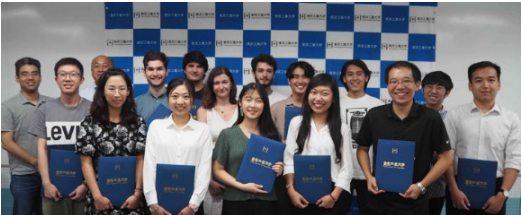


(Get-together lunch, Winter Program)

4. FY2019 Progress

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

■ Exchange Programs



(Final Presentations, Summer School)

The following activities were implemented in FY 2019.

- Student exchanges: 6 outbound and 16 inbound (plus 6 inbound from non-partner universities).
- Participants' Study and Research Plans were reviewed and signed by supervisors at both their home and host universities.
- The project continued an expansion of the Summer School, with Tokyo Tech hosting 6 students from universities outside the tripartite.
- 21st Century Skills Seminars were held for inbound and outbound students.

■ Student Mobility

○ Outbound

In FY 2019, the project dispatched a total of 6 Tokyo Tech students, including 4 to KAIST, 2 to Tsinghua University. Due to the spread of COVID-19, the project postponed the dispatch of 4 students to KAIST.

○ Inbound

In FY 2019, Tokyo Tech hosted a total of 22 students, including 8 from Tsinghua University, 8 from KAIST (including 1 student participating in a Double Degree Program), and 6 students from non-partner universities.

<TypeA-①>

	2019
Accepted number in Japan	C 8 K 8
Accepted number in China	J 2 K 7
Accepted number in Korea	J 4 C 15



(Summer School participants' presentation during visit by the delegation from the Japan-China-Korea Committee for Promoting Exchange and Cooperation)

■ Forming the University Network with Quality Assurance

○ The project continued its expanded Summer School by inviting applications from students from non-partner universities, such as HKUST and American and European universities. This effort enabled the consortium to enhance the international environment for this educational program for TKT students.

○ Tokyo Tech issued academic records to students who took coursework during their exchange. Students who fulfilled the completion requirements for the program also received certificates of program completion. The issuance of these documents marked the start of a system to enable students' home universities to authorize credit transfer or to recognize credits earned at Tokyo Tech in other ways, such as by counting the credits toward their own graduation requirements.

○ As participants conduct their studies and research according to the "Study and Research Plan/Record" organized in consultation with their supervisors at their home and host universities and receive guidance from supervisors at each, their progress and achievements are closely tracked and appropriately evaluated.

■ 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 in similar fields of study. The 21st Century Skills Seminars offered a valuable opportunity for exchange among inbound and outbound students.

○ Support for outbound students

21st Century Skills Seminars focused on communication skills were 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.

■ Internationalization of the university

Information disclosure and Publication of outcomes

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. In addition to providing application and recruitment information, the project website now includes student blogs and photos to convey student experiences. Separately, as a coordinator university of the 17 projects of CAMPUS Asia Program in Japan, Tokyo Tech launched a national CAMPUS Asia Program website.

■ Good Practices

A study trip to Kamakura was included in the Summer School. This event provided inbound and outbound students another opportunity to get to know each other better and to exchange information. As a result, participants reported a stronger sense of belonging as "CAMPUS Asia students."



(Study Trip to Kamakura, Summer School)

5. FY2020 Progress

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

Advanced TKT CAMPUS Asia Consortium

■ Exchange Programs

Implementation of the Three University Joint Online Program

In 2020, due to COVID-19, all programs involving travel were cancelled. However, the three universities collaborated to plan and implement online camps and a symposium that students from the three universities could participate in. The camps consisted of lectures, cultural experiences, a virtual local tour, and a team project in which mixed teams of students from the three universities worked together. Participating students deepened their knowledge through the discussions and presentations and developed mutual understanding through these exchanges with students of different nationalities, years of study, and specialties.

In the online symposium, the students enhanced their communication and presentation skills — essential for their professional careers — by communicating their research to non-specialists in an easy-to-understand manner.

Joint Online Alumni Reunion of the Three Universities

A joint three-university online alumni reunion was held for current and past participants. The participating students shared their experiences in the program and networked with program alumni.

■ Student Mobility

○ (Virtual) Outbound

In FY 2020, a total of 16 Tokyo Tech students participated in the online exchange programs. Participating students gained new knowledge in their fields of specialization through the lectures and deepened their understanding of each other through collaborative activities such as team projects.

<Number of participating students in each program>

TKT CAMPUS Asia Online Summer Camp (August): 8
TKT CAMPUS Asia Online Winter Camp (January) 3
TKT CAMPUS Asia Online Research Symposium (December): 1
Tsinghua Global Summer School (July): 3
Tsinghua Fall Semester Program (September - January): 1

○ (Virtual) Inbound

In FY 2020, a total of 20 students from Tsinghua and 12 students from KAIST joined the online exchange programs. Many students said that they were glad to be able to participate in virtual study abroad programs where they could interact with students from other universities, as they had given up on studying abroad due to COVID-19.

■ Forming the University Network with Quality Assurance

○ In order to sufficiently discuss student exchanges, the three universities held several online meetings. In particular, the Summer and Winter Camps, which were held jointly by the three universities, were planned and reviewed by the three universities and structured to provide opportunities for students from the three universities to have diverse experiences.

○ Students who completed the Summer Camp, Winter Camp, and/or Research Symposium received a certificate of completion. In addition, students who participated in the Tsinghua Global Summer School and Tsinghua Fall Semester Program received credits from Tsinghua University according to the content of their courses.

■ Promotion of Student-Mobility Environment

○ Prior to each of the online programs, a pre-meeting was held to check students' internet connections and explain the outline of the program. This helped to reduce the anxiety of students who participated in an online program for the first time.

○ In the Summer and Winter Camps, activities were organized so that students would collaborate on mixed teams and have opportunities for interaction with many fellow participants.

○ An online alumni reunion was held on the same day as the Winter Camp, providing an opportunity for current and past participants to interact and expand their networks.

■ Internationalization of the university

Information disclosure and Publication of outcome

○ Tokyo Tech operates on an academic quarter system so that students can easily study abroad, look for jobs, and write a thesis.

○ In addition to disseminating the activities on the program website, a project report of the second phase was prepared. Separately, the redesigned national CAMPUS Asia Program website is regularly updated to provide more information and reflect students' voices.

■ Good Practices

○ Implementation of Three University Joint programs and Alumni Reunion as a joint project of the three universities

The three universities worked together to devise online exchange programs, and structured them so that students from the three universities could obtain a variety of interactive, high-quality educational experiences. In addition, an online alumni reunion was planned by the three universities and held to provide a means for current and past CAMPUS Asia students to expand their networks.

	2020
Accepted number in Japan	C 20 K 12
Accepted number in China	J 15 K 15
Accepted number in Korea	J 12 C 28



National CAMPUS Asia Program website