

【Name of project】(Adopted year: FY2011, Type A – I )TKT CAMPUS Asia Consortium

【Aim of project, Ideals of Global Human Resource on the project】

The project aims to develop human resources who will become global leaders. Such human resources will have in-depth knowledge in the fields of science and technology and will be active, international leaders in academia, industry, government, and other organizations.

【Summary of project】

This project provides a research-oriented education program conducted in cooperation with Tsinghua University and the Korean Advanced Institute of Science and Technology (KAIST). The project provides a framework for the recognition and evaluation of the quality of both coursework and research through (1) programs for undergraduate and graduate students built around core curriculum courses and laboratory experiments; and (2) a research-focused education program aimed at graduate students.

### ■ Contents of the Programs, Preparation for the Start of the Programs

Outbound students can either take courses in their fields of expertise while learning about the languages and cultures of China or Korea, or focus exclusively on research. Inbound students have three programs to choose from at Tokyo Tech; the Summer Program, the Joint Educational Program, or the Summer and Joint Educational Combined Program. Moreover, to assist partner universities with the possibility of credit transfers, the Institute uses Study and Research Plans/Records and a grade management system with commonalities to those of partner universities.

### ■ Forming the University Network with Quality Assurance

#### ○ Approach to the assurance of quality

The project's basic approach is to construct a system that allows participating students to effectively learn through coursework, with partner universities verifying each other's quality assurance systems. To that end, a joint committee working toward the assurance of quality has been established.

#### ○ Recognition of credits, management of grades, and student considerations

With regard to individual participants in the program, the project has constructed a system, in which (a) participating universities exchange Study and Research Plans/Records, and (b) students engage in coursework under the guidance of academic advisors before and during the exchange period as well as after returning to their home countries. Moreover, grade management takes place through the issuing of transcripts. For students from partner universities, Tokyo Institute of Technology provides English-language information, such as a coursework guide, before their arrival in Japan. Upon arrival, the Institute takes responsibility for their academics through steps such as the appointment of academic advisors and tutors.

#### ○ Development of a framework for higher-level exchange

While still in the development stage, in the near future the project is expected to include programs of a more advanced nature, such as double degree programs between Tokyo Tech and KAIST.



Summer Program students in lecture

### ■ Internationalization of the university

#### Information disclosure and publication of outcomes

#### ○ Internationalization of the university

Currently, 12% of the students are from overseas. Tokyo Tech has already initiated its administrative reforms through organizational changes, streamlining of its human resources, and innovation of its education and research systems.

#### ○ Web-based provision of information

In implementing the program, the Institute has established a unique website associated with the CAMPUS Asia Japan English website, providing information to a wide demographic community extending beyond participating students.

### ■ Promotion of Student Mobility Environment

#### ○ Preparations to support outgoing Japanese students

The project has established an English intensive course to boost the language skills of students wishing to study abroad. It also academically advises students through the appointment of study abroad advisors at each partner university. While studying abroad, the project offers academic consultation and advice by email on everyday living, as well as advice by career advisors.

#### ○ Support structure for incoming international students

In addition to posting program content on its website, the project is working toward the smooth acceptance of international students through close communication with partner universities. While in Japan, international students are provided with Tokyo Institute of Technology tutors (students in related fields), advice from career advisors, and 24-hour counseling.

### ■ Student Mobility

#### ○ Outbound

In fiscal year 2014, the project sent 3 students to Tsinghua University and 9 students to KAIST (for a total of 12 students).

#### ○ Inbound

In fiscal year 2014, the project received 9 students from Tsinghua University and 12 students from KAIST (for a total of 21 students).

	2011	2012	2013	2014	2015
Accepted number in Japan	0	C7, K8	C8, K8	C9, K12	C5, K5
Accepted number in China	0	J4, K5	J4, K6	J3, K3	J5, K5
Accepted number in Korea	0	C5, J7	C22, J6	C13, J9	C5, J5

Note: FY2011-2014 results, FY2015 forecast