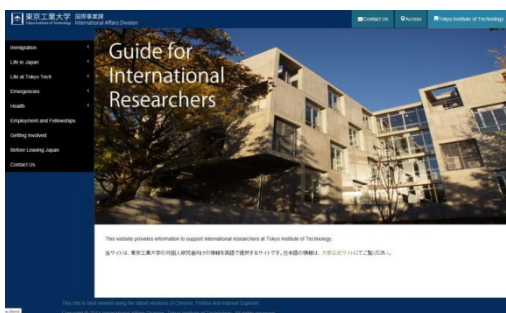# FY2014 Progress

■ Common indicators and targets

Internationalization

Development of student exchange programs

Various student exchange programs have been developed based on visits to overseas universities. Short-term programs in Europe (Germany, Austria, Sweden) and overseas English training programs for science and technology students in Australia will begin in the summer of 2015.

Sweden short-term study aboard program

English website for visiting international researchers

Comfortable atmosphere for overseas faculty, researchers, and students

Building signs on Tokyo Tech campuses, internal accounting guidelines, automated telephone systems, and online guides for international Tokyo Tech community members are available in English, making life easier for overseas faculty, researchers, and students.

University reform

Organizational structure in charge of centralized administrative reforms

Collaborative Organization for International Education and Research was established. This will eventually merge into the Strategic Planning Headquarters (tentative) which, under the leadership of the President, will be in charge of institution-wide strategy. To strengthen organizational management, the Institutional Research Office was established in April 2015 for efficient information management and analysis.

Education reform

CITL launched, professional development and training of faculty enhanced

The Center for Innovative Teaching and Learning (CITL) was launched to promote faculty development and ensure education quality. Some examples of professional development include training sessions on teaching methods in English, workshops on the execution of the new curriculum, and discussions about liberal arts at Tokyo Tech.

Faculty training on teaching in English

Lecture and workshop on the future of liberal arts at Tokyo Tech

Tokyo Tech Lecture Theatre

Tokyo Tech Lecture Theatre

This venue has been completely refurbished to facilitate lectures with open experiments for large audiences and foster active exchange of ideas. Aimed at 1st-year students.

Active learning environment

Lecture rooms that encourage active learning have been set up. These have already been eagerly utilized by students and faculty.

Workshop on TA system

Tokyo Tech held a two-day workshop consisting of a lecture by a professor from UC Berkeley, case studies by Tokyo Tech professors, and group work and discussions between students and faculty members in preparation for the new dynamic Teaching Assistant system.

Lecture room with active learning environment

■ University's own indicators and targets

University-wide human resource management
According to a new system established in April 2015, the president, advised by a human resources committee, has increased discretionary authority on personnel affairs of faculty. In line with the president's vision and Institute's operating policy, deans and directors are now selected by the president from a pool of appropriate candidates.

Diversification and internationalization of administrative staff
In addition to overseas language studies, administrative staff members were provided with on-the-job training opportunities in conjunction with overseas university visits. Discussion, presentations, and negotiations during the visits improved their global competency skills. Tokyo Tech also hosted staff members from overseas partners for the same effect.

Administrative staff giving presentation in Germany on programs in Japan

■ Initiatives for the enhancement of international reputation/ Featured initiatives based on the characteristics of the university

Organizational reforms to meet international standards
The integration of Tokyo Tech's 3 undergraduate schools and 6 graduate schools into 6 new Schools in April 2016 will form an education system that better matches international standards. The Institute for Liberal Arts, launched at the same time, will ensure education in the humanities throughout both undergraduate- and graduate-level programs.

Online education system
Together with MIT and Harvard, Tokyo Tech is also part of the edX Consortium and is preparing to launch its first MOOC in September 2015, a course by Professor Kei Hirose of the Earth-Life Science Institute (ELSI), a government-designated World Premier International Research Center.

Education reforms website

【 Results for the promotion of collaboration with foreign universities (Type A only) 】
● Joint Symposium for International Industry-Academia Collaboration was held at Tokyo Tech with RWTH Aachen University in March 2015. Participants discussed cooperation between Japan and Germany on both university and industrial levels. Concrete projects are currently being planned. The next symposium will be held in the summer of 2015 in Aachen.
● Tokyo Tech-MIT International University-Industry Collaboration Workshop was held in January 2015. Faculty from both universities gave lectures on international collaborative research. Activities also included discussion and planning of a world-class research project that meets industrial needs.
● Uppsala University-Tokyo Tech Joint Symposium was held in Sweden in September 2014. Collaborative ties between the universities were strengthened. The next symposium will be at Tokyo Tech in 2015.
● Tokyo Tech members visited University of California, Santa Barbara in December 2014. Plans to hold a joint workshop in the summer of 2015 progressed. Another tie with one of the world's top universities was strengthened, and active research and student exchange is expected through the upcoming workshop.
● Tokyo Tech members visited Skolkovo Institute of Science and Technology and Singapore University of Technology and Design, both recently founded. Discussions on cooperative relationships progressed.

■ Free description

Top Global University Project Kick-off Symposium
The top global university project kick-off symposium was held at Tokyo Tech on January 27, 2015. Guests from Nanyang Technological University and UC Berkeley gave lectures on administrative reforms and the online education environment, and shared ideas regarding Tokyo Tech's strengths and the challenges posed by the current reforms. The symposium was an important milestone in the Institute's globalization efforts, and showed the unity of all those involved in changing what was a Japanese university to a truly global Tokyo Tech.

Panel discussion at symposium

Symposium speech by Tokyo Tech President Mishima