

FY2018 Progress

■ Common indicators and targets

Internationalization

Tokyo Tech ANNEX Aachen

Particularly since the development of its “faculty and staff unit dispatch scheme,” Tokyo Tech has planned and rapidly advanced with strategic international education, research, and information sharing activities through collaborations overseas universities, research institutions, and businesses. These plans include the establishment of new overseas hubs, Tokyo Tech ANNEXes, to promote and advance the Institute’s education and research. Based on collaboration with RWTH Aachen in Germany, the Institute opened its first European base — Tokyo Tech ANNEX Aachen — on the campus of RWTH Aachen, holding an opening ceremony on March 22, 2019. This is the second ANNEX to open after Tokyo Tech ANNEX Bangkok launched in March 2018.



Opening ceremony of Tokyo Tech ANNEX Aachen

Social media

Tokyo Tech has stepped up its efforts to engage international audiences on social media. By regularly posting photos, videos, and stories about Tokyo Tech’s achievements, history, campuses, and surroundings, the Institute aims to expand its online sphere of influence among prospective students, alumni, and other friends of Tokyo Tech. This initiative is also expected to strengthen links with overseas alumni associations.



Social media posts

University reform

Committee for coordination of Institute-wide projects

The Strategic Management Council, in charge of Institute-wide strategic planning and administration, amended the three committees handling the Top Global University Project, the program for promoting the enhancement of research universities, and Designated National University Corporation affairs respectively into working groups, and established a committee for the coordination of Institute-wide projects to oversee progress in all three areas. This committee can now analyze effectively relevant KPIs for each area, develop attainable goals further while identifying problematic ones, and take suitable measures concerning expenses.

Education reform

Global Scientists and Engineers Course —Developing engineers and scientists who work across borders—

Highly skilled scientists and engineers aiming to provide solutions to global issues must also be adept at cross-cultural communication, capable of promoting their ideas, and able to work with others toward a common goal. To help students develop such abilities, Tokyo Tech offers the Global Scientists and Engineers Course (GSEC) in addition to its standard courses. GSEC allows students to acquire the foundations required to become global leaders through its beginner and intermediate levels, which are divided into four programs.



GSEC website

1.Global Awareness Program

Develop a global perspective while working with diverse teams

2.English and Communication Program

Acquire a level of English required for study at overseas universities

3.International Cooperation Practice Grounded in Science and Technology Program

Identify the true nature of complex issues and present solutions while working across borders and cultures

4.Study Abroad or International Internship Program

Through overseas experiences, develop risk management skills and the ability to work overseas independently

Approximately 200 students joined GSEC when the course launched in 2013. This has now increased to roughly 1,200 students.

■ University's own indicators and targets

Tokyo Tech doctoral researcher system

To develop globally active science and engineering professionals and enhance international joint research, and to activate the long-term exchange of outstanding young researchers around the world, the Institute deployed the Tokyo Tech doctoral researcher system in FY18. After recruitment procedures for this system at each of the Schools, etc., Tokyo Tech dispatched one researcher on a trial basis in FY17, and in FY18 decided to dispatch another researcher in the following year.

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

International certified evaluation and accreditation

The Department of Mechanical Engineering and the Department of Department of Electrical and Electronic Engineering, both under the School of Engineering, underwent preliminary investigations by the Japan Accreditation Board for Engineering Education, and received preliminary approval. Both departments have submitted applications for final approval, which is expected in FY19.

【 Results for the promotion of collaboration with foreign universities (Type A only) 】

Tokyo Tech Summer Program 2018

One of the Institute's international initiatives in collaboration with US and European partner universities was the Tokyo Tech Summer Program 2018. Held for the third time, the program brought together 34 participants who carried out research at Tokyo Tech labs, joined lectures, and experienced Japanese culture through social activities and a compulsory Japanese Studies course.



Tea ceremony and yukata experience



Doll Festival event

Tokyo Tech Winter Program

To promote internationalization through collaboration with partner universities in the Oceania region, the Institute held the Tokyo Tech Winter Program 2018, the third of its kind. A total of 18 students from the University of Melbourne, the Australian National University, the University of Sydney, and the University of New South Wales participated.

■ Free description

Laboratory for Design of Social Innovation in Global Networks (DLab) launch on Oct. 28, 2018

Tokyo Tech's Laboratory for Design of Social Innovation in Global Networks (DLab) aims to create a brighter, more prosperous world by designing "the future we want" through open, sincere discussions among Tokyo Tech faculty, staff, students, alumni, and members of the public, and the proposal of new science and technology, and relevant policies, required to realize this future. In addition to internal members, core DLab members include experienced business professionals representing the public who participate in determining the ideal direction of the entity. Approximately 130 members, including Tokyo Tech faculty, staff, and students, alumni, high school students, and regular citizens joined DLab's kickoff event in October 2018.



Group discussions about shared future



DLab poster

DLab will continue to develop as a mechanism through which Tokyo Tech and the public can openly discuss the creation of a better future society. Future workshops will continue to encourage participants to think together about a future we truly want.