

■ Common indicators and targets

Internationalization

Tokyo Tech-Tsinghua University Joint Graduate Program celebrates 15th anniversary

Tokyo Tech and Tsinghua University celebrated the 15th anniversary of the Tokyo Tech-Tsinghua University Joint Graduate Program on October 21, 2019 on Tokyo Tech campus. The event was attended by roughly 100 participants, including nine representatives of Tsinghua University, members of MEXT, businesspeople from supporting companies, Tokyo Tech professor emeriti and students, and graduates of the joint program.



Ceremony participants

Enhanced governance

Tokyo Tech strategic plan 2018-2023

In pursuit of its long-term goal of becoming “a world-leading science and technology university,” Tokyo Tech introduced in 2017 “Tokyo Tech 2030,” a statement declaring the Institute's shared vision for the future. To reinforce the Institute's values and dedication to leading global standards, Tokyo Tech's three commitments were announced the following year in 2018.

More recently, “Tokyo Tech strategic plan 2018-2023” was released to provide a more comprehensive guide towards a shared vision for the next five years while Institute-wide discussions involving all stakeholders continue.

The strategic plan consists of four goals—enhancing creativity through diversity, facilitating progressive student-centered learning, creating impact through robust research, and pursuing institutional effectiveness and financial stability—which are executed together by faculty, staff, students, and alumni as Team Tokyo Tech.



Tokyo Tech
strategic plan 2018-2023

Education reforms

Data science and artificial intelligence training for all graduate program students

Tokyo Tech launched the Progressive Graduate Minor in Data Science/Artificial Intelligence (DS/AI), a new graduate education program, in April 2020. The course brings together students from diverse specializations to learn advanced DS/AI and aims to forge collaborations that provide solutions to pressing issues and create new industries. All graduate students can join the program. Fourth-year undergraduate students can take part in certain components with the permission of their academic supervisor.



Successful data science & AI pilot course

Before the launch of the program, a pilot was conducted on December 2, 2019 at the state-of-the-art Tokyo Tech Lecture Theatre to introduce students to the interactive, hands-on format of the course.

Education reform symposium

The Education Reform Symposium AY2019 was held on January 23, 2020 with the aim of utilizing online resources more effectively and creating lectures that increase student engagement.

Over 100 faculty and staff members, students, and others from within and outside the Institute joined to explore enhanced student engagement through a combination of active learning and other teaching and learning methods, both online and in person. The turnout demonstrated the high level of interest in creating lectures that lead to high-quality learning.



Symposium poster session

■ University's own indicators and targets

【Tokyo Institute of Technology】

International accreditation

After undergoing a preliminary evaluation and receiving provisional approval, the Department of Mechanical Engineering and the Department of Electrical and Electronic Engineering, both part of Tokyo Tech's School of Engineering, passed the main evaluation by the Japan Accreditation Board for Engineering Education (JABEE) and were granted international accreditation.

■ Initiatives for the enhancement of international reputation (Type A only)

Tokyo Tech Summer Program 2019

Tokyo Tech Summer Program 2019, an initiative to promote collaboration with partner and other universities mainly in Europe and the United States, was held from June 4 to August 8, 2019. Twenty-six international students joined the program, the fourth of its kind since its establishment in 2016, affiliating themselves with Tokyo Tech labs and receiving guidance from the Institute's faculty members. After ten weeks of research and exchange with local students, the participants shared their findings through final presentations.



Program participants and Tokyo Tech teaching assistants on Ookayama Campus

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

Deeper ties with ICL through Imperial-Tokyo Tech Global Fellows Programme 2019

The Imperial-Tokyo Tech Global Fellows Programme 2019 was held for the second time from June 10 to 14, 2019 to facilitate exchange between doctoral students at Imperial College London (ICL) and Tokyo Tech.

This program was designed to develop the leadership skills and communication abilities of doctoral students, and to build a collaborative network of young researchers across academic and geographical borders.



At Imperial College London campus

In 2019, twenty doctoral students from each institution united at Lee Valley Velopark—the cycling venue for the 2012 London Olympic Games—to brainstorm solutions specifically regarding Climate Action, one of the Sustainable Development Goals of the United Nations.

■ Free description

DLab launches Transchallenge concept and Tokyo Tech Future Chronology

On January 20, 2020, Tokyo Tech's Laboratory for Design of Social Innovation in Global Networks (DLab), a platform launched to create a better future together with the public, announced its image of future society—the Transchallenge concept—and the Tokyo Tech Future Chronology at a public event in central Tokyo after roughly 18 months of teamwork by a diverse group of participants.

Over 100 people, including university and high school students, company and government representatives, and Tokyo Tech members gathered for the talk session and workshop to share ideas and experience the DLab approach to creating the “future we all want.”



One of several Tokyo Tech DLab workshops