For more information, visit www.titech.ac.jp/english

Tokyo Institute of Technology

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Library

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TEST!

A world-class Institute whose organization and members continue to innovate

Embracing challenge with spirit, enthusiasm, and confidence

For over 135 years, Tokyo Tech has been the driving force behind Japan's development by producing outstanding leaders and excellent research findings in the field of science and technology. Under a revitalized education system implemented in April 2016, undergraduate and graduate schools have been joined to form new Schools. Research institutes have been reorganized, enabling faculty members to work closely as teams and perform to their full potential.

Tokyo Tech is an institute whose organization and members continue to innovate.



Yoshinao Mishima President, Tokyo Tech

Cross-cutting research and education

In this era of rapid change, sustainable solutions to global challenges often require integrative approaches. With strong foundations in core areas of science and engineering and an extensive liberal arts component, Tokyo Tech provides students with an education that traverses disciplinary boundaries. The Institute's faculty members are front-line researchers who are making a difference in labs, classrooms, and the world.



Pushing the frontiers



Earth-Life Science Institute (ELSI)

ELSI is a research center in the World Premier International Research Center Initiative (WPI). Attempting to solve the mystery of the origin and evolution of life, ELSI researchers are creating a new field - bioplanetology.





Materials Research Center for Element Strategy (MCES)

MCES conducts research for the benefit of society through the creation of innovative materials using elements with high Clarke numbers, in other words, those abundant in Earth's crust.



COI STREAM

Happiness Co-creation Society through "Ishin-Denshin" Intelligent **Communications (HAPIC)**

With the support of participating corporations and local governments, HAPIC aims to realize means of heart-to-heart communication which can interpret and convey people's minds as well as the on-site atmosphere.



Industry relations

Create new industries and drive innovation

| | Collaborative Research | Sponsored Research | Academic Consultations | | |
|--------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------|--------------------------------|--|--|
| private enterprises research to Tokyo Tech | | Tokyo Tech faculty members provide academic consultations related to research | | | |
| | | | | | |
| 6 | | | | | |
| | Collaborative Research Chair Program | Industry Liaison Programs | Industry-Sponsored Programs | | |



TSUBAME supercomputer

TSUBAME, one of the top supercomputers in Japan, is available for Tokyo Tech students, faculty and staff members as well as private enterprises and research institutes.

TSUBAME-KFC/DL supercomputer was ranked 2nd in the November 2015 list of the world's most energy-efficient



supercomputers, Green500.

Startups designated as Tokyo Tech Ventures

Riverfield, Inc.

Riverfield develops surgical assist robots which lessen the burden on doctors and patients.



Tokyo Tech Ventures \bigcirc

Startups making use of findings or technology resulting from research activities at Tokyo Tech are eligible to become "Tokyo Tech Ventures."

Global Scientists and Engineers Program (GSEP)

GSEP is a four-year Bachelor of Engineering degree program for international students with a global perspective in transdisciplinary fields. Proficiency in the Japanese language is not required for admission as courses are taught in English.

The introductory Japanese language component of the program allows students to familiarize themselves with Japanese language and culture, something students are encouraged to do throughout the course of their studies.

GSEP application schedule

| Application period | Notification of results | Admission |
|----------------------|-------------------------|-----------|
| Early to late August | Mid-November | April |
| | | |



Campus rich in international flavor

Of the approximately **10,000** students at Tokyo Tech, **12%** are **international students** — one of the highest percentages in Japan.



International Graduate Program (IGP)

IGP is an opportunity for qualified international students with little or no knowledge of Japanese to pursue a master's or doctoral degree in Japan. With various academic disciplines participating in this program, students are able to find a lab in which to further their research, acquire broader knowledge and understanding, and conduct advanced long-term research in a field that best matches their interests and background.





IGP application schedule by category

| | | Category | | Program type | Deadline | Notification of results | Admission |
|---|---|--------------------------------|---------|------------------------------------------------------------------------------------|----------------|----------------------------|----------------------------------------------|
| - | 1 | Overseas application | IGP(A) | Master's program, Doctoral program, Integrated Doctoral Education Program | Late November | Mid-March | September |
| | 2 | | IGP(B)2 | Doctoral program | Mid-May | Mid-July | September |
| | 3 | | IGP(B)3 | Doctoral program | Mid-January | Mid-March | September |
| | 4 | | IGP(C) | Master's program, | Early November | Late December | September September April September |
| | - | | | Doctoral program | Mid-May | Mid-July | September |
| | 5 | Domestic application | IGP(C) | Master's program, Doctoral program | Early July | Early September | September |

IGP (B) 2=International Graduate Program (B) Tokyo Tech-RIKEN International School

IGP (B) 3=International Graduate Program (B) application for students seeking scholarships offered by organizations and governments other than the Japanese government

Ensuring the future

Tokyo Tech develops global leaders with a high level of expertise. Private enterprises employ these graduates, thereby contributing to their mid- and long-term growth in product development.

Tokyo Tech

Spotlight

Tokyo SkyTree and Tokyo Tower: Structural design of two major landmarks in Tokyo

Two Tokyo Tech graduates, separated by a generation yet working for the same company, were involved in the structural design of two of Tokyo's world-renowned towers, the Tokyo SkyTree and the Tokyo Tower. These landmarks bear witness to the living spirit of Tokyo Tech's technical innovation.



By supporting Tokyo Tech's research programs, private enterprises stimulate new product development and contribute to industrial and economic growth.

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Private

enterprises

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Society

The government of Japan provides funds to Tokyo Tech for its education and research operations.



問題論職職

Tokyo Tower

Tokyo SkyTree

Life at Tokyo Tech

Sports and social clubs catering to all tastes



Building human-powered aircraft and electric vehicles

Meister is a club where members build human-powered aircraft and electric racing vehicles known as Econo-moves. The club has won the human-powered aircraft distance rally category in the Japan International Birdman Rally five times.



Advantages in the job market

Tokyo Tech graduates are highly sought after by employers. The Institute is proud of its stellar track record of producing ethical graduates with a high degree of expertise.



2nd in Japan employability survey

Tokyo Tech was ranked 26th in the world and 2nd in Japan for employable graduates according to the Global Employability University Survey and Ranking 2015, jointly produced by French human resources consulting firm Emerging Associates and German polling institute Trendence.

Chor Kleines

Mixed chorus for universities in the Kanto region

Chor Kleines is a choir with more than 150 students from multiple universities. It has placed first in the Japan Choral Association's National Choral Competition for over 15 years.



Rank

1

2

3

4

4

Company

Hitachi, Ltd.

Canon Inc.

Top employers of Tokyo Tech graduates

Mitsubishi Electric Corporation

Toyota Motor Corporation

Panasonic Corporation

Rank

6

6

6

9

9

Company

IHI Corporation

Toshiba Corporation

Nomura Research Institute, Ltd.

Mitsubishi Heavy Industries, Ltd.

Nippon Steel & Sumitomo Metal Corporation



Conveying the fun of science

Science Techno conducts workshops at elementary schools with the aim of connecting children with science. Providing the "I got it!" experience and putting smiles on children's faces is a rewarding feeling.



Employment statistics

Student clubs

Tokyo Tech Festival

The Tokyo Tech Festival takes place at Ookayama Campus each October. Various exhibits and presentations are held in lecture rooms, and many food tents are set up outside. Lab walk-ins are available for visitors to experience Tokyo Tech's state-of-the-art science and technology.





Tech-chan, official mascot of the Tokyo Tech Festival Bacherlor's and master's degree programs combined © Hida / Tokyo Tech Festival executive committee

Learning by doing



Exciting exhibits and events Sell

Tokyo Tech's Museum and Archives are located in the Centennial Hall. They showcase the history and range of educational and research outcomes of the Institute, and periodically host special exhibitions and events. There is also an exhibition space at Suzukakedai Campus.



Lifelong learners Reference Tokyo Tech Professional Academy

The Tokyo Tech Professional Academy offers graduate-level classes for professionals active in their respective areas.Classes are conveniently held on weeknights and Saturdays at Tamachi Campus, located in the center of Tokyo. Suggestions and requests from the business community are incorporated into the curriculum.



A slice of cheesecake

Library

The Ookayama Library, a modern slice of architecture, opened in 2011 and won the Good Design Award in the same year. The Ookayama and Suzukakedai Libraries contain a combined total of more than 810,000 books and are designated by the government as a National Center for Overseas Periodicals.



Excited about learning Science classes in the summer break

The Science Club in the Summer Break is a popular outreach program for children that strives to kindle their interest in science. Tokyo Tech offers fun and inspiring events such as Play with the Earth which provides hands-on experience with minerals.



Online courses 🛛 🖘

TokyoTechX

virtual classroom.

Tokyo Tech offers TokyoTechX MOOCs,

online courses delivered worldwide through

(TAs) take active roles in the creation of the

the edX platform. Student teaching assistants

Technical innovation starts here Collaboration Center for Design and Manufacturing (CODAMA)

Tokyo Tech has CODAMA makerspaces at Ookayama and Suzukakedai Campuses, offering students a place to imagine, experiment, innovate, and create. The center holds a special event at Tokyo Tech Festival which is open to the people of the community.



Schools and institutes

Schools

School of Science

Mathematics / Physics / Chemistry / Earth and Planetary Sciences

Volcanic Fluid Research Center Center for Research in Financial Sciences

School of Engineering

Mechanical Engineering / Systems and Control Engineering / Electrical and Electronic Engineering / Information and Communications Engineering / Industrial Engineering and Economics

School of Materials and Chemical Technology

Materials Science and Engineering / Chemical Science and Engineering

School of Computing

Mathematical and Computing Science / Computer Science

School of Life Science and Techology

Life Science and Technology

School of Environment and Society

Architecture and Building Engineering / Civil and Environmental Engineering / Transdisciplinary Science and Engineering / Social and Human Sciences / Innovation Science / Technology and Innovation Management (professional master's degree program)

Research Center for Educational Facilities

Institute for Liberal Arts (ILA)

Institute of Innovative Research (IIR)

Laboratory for Future Interdisciplinary Research of Science and Technology (FIRST) Laboratory for Materials and Structures (MSL) Laboratory for Chemistry and Life Science (CLS) Laboratory for Advanced Nuclear Energy (LANE) International Research Center of Advanced Energy Systems for Sustainability (AES) Advanced Research Center for Social Information Science and Technology (ASIST) Research Units focused on emerging cutting-edge research

Strategic Research Hubs

Earth-Life Science Institute (ELSI)

- Materials Research Center for Element Strategy (MCES)
- •Collaborative Research Center for Happiness Co-Creation Society through Intelligent Communications (HAPIC)

Tokyo Tech High School of Science and Technology

Library

Institute-Wide Education Centers

Innovator and Inventor Development Platform

- •Academy for Global Leadership
- Academy for Co-creative Education of Environment and Energy Science
- Education Academy of Computational Life Sciences
- Academy for Global Nuclear Safety and Security Agent
- •Center for International Education
- Tokyo Tech Professional Academy

Institute-Wide Support Centers

- Health Support Center
- Student Support Center
- •Collaboration Center for Design and Manufacturing (CODAMA)
- •Global Scientific Information and Computing Center (GSIC)
- •Center for Biological Resources and Informatics
- Radiation Research and Management Center
- •Research Support Center for Low-Temperature Science
- •Museum and Archives

