

Tokyo Tech

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DATA BOOK 2020-2021

Tokyo Institute of Technology

Public Relations Division, General Affairs Department

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Tokyo Institute of Technology

Tokyo Tech

Tokyo Institute of Technology

2020-2021

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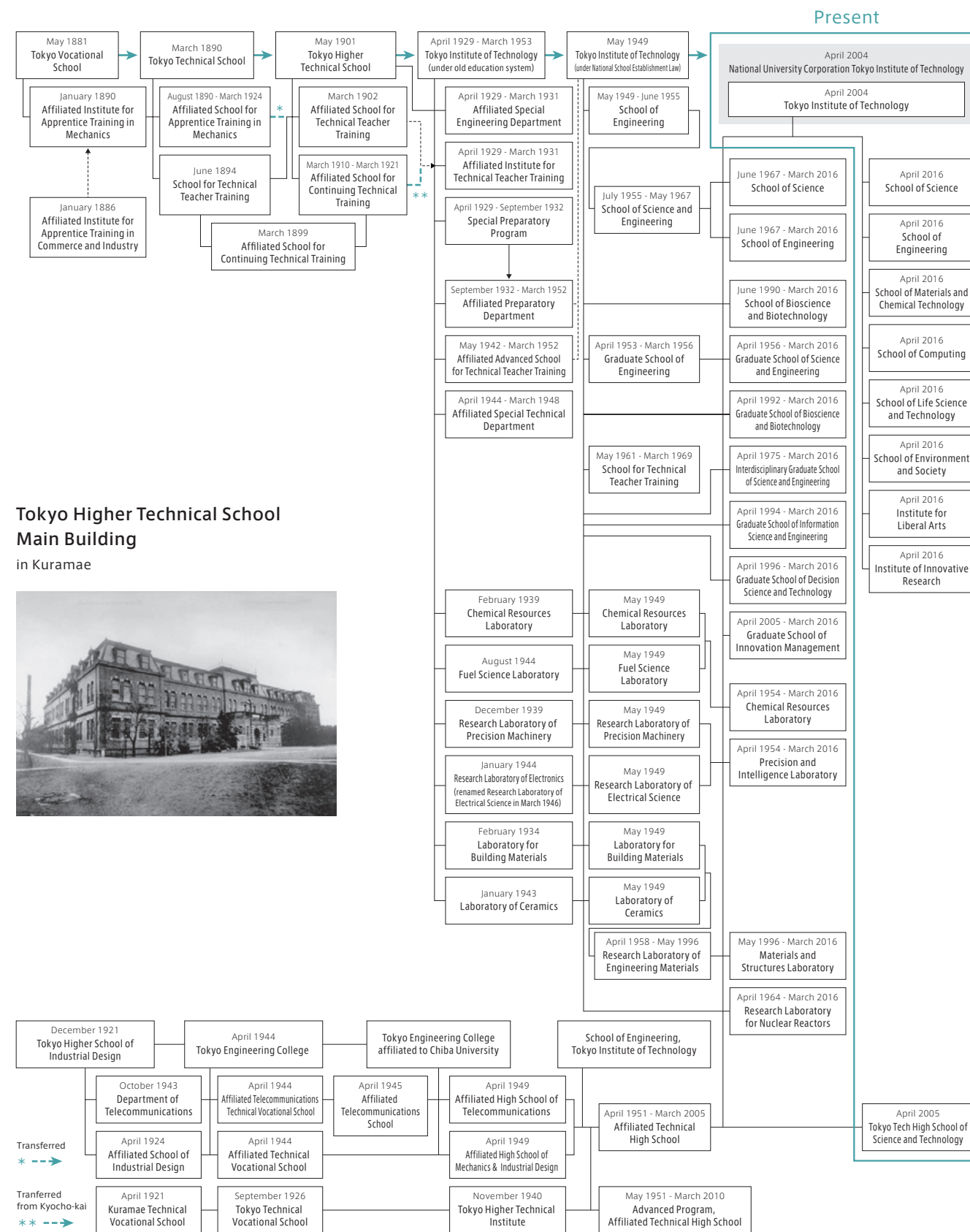
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History

From Past to Present



Events in 2019

Date	Events
January 1	Tokyo Tech Academy for Convergence of Materials and Informatics opened.
April 1	Vice President for Real Estate Operations newly appointed.
	Academy for Global Leadership abolished.
December 1	Tokyo Tech Academy for Super Smart Society opened.

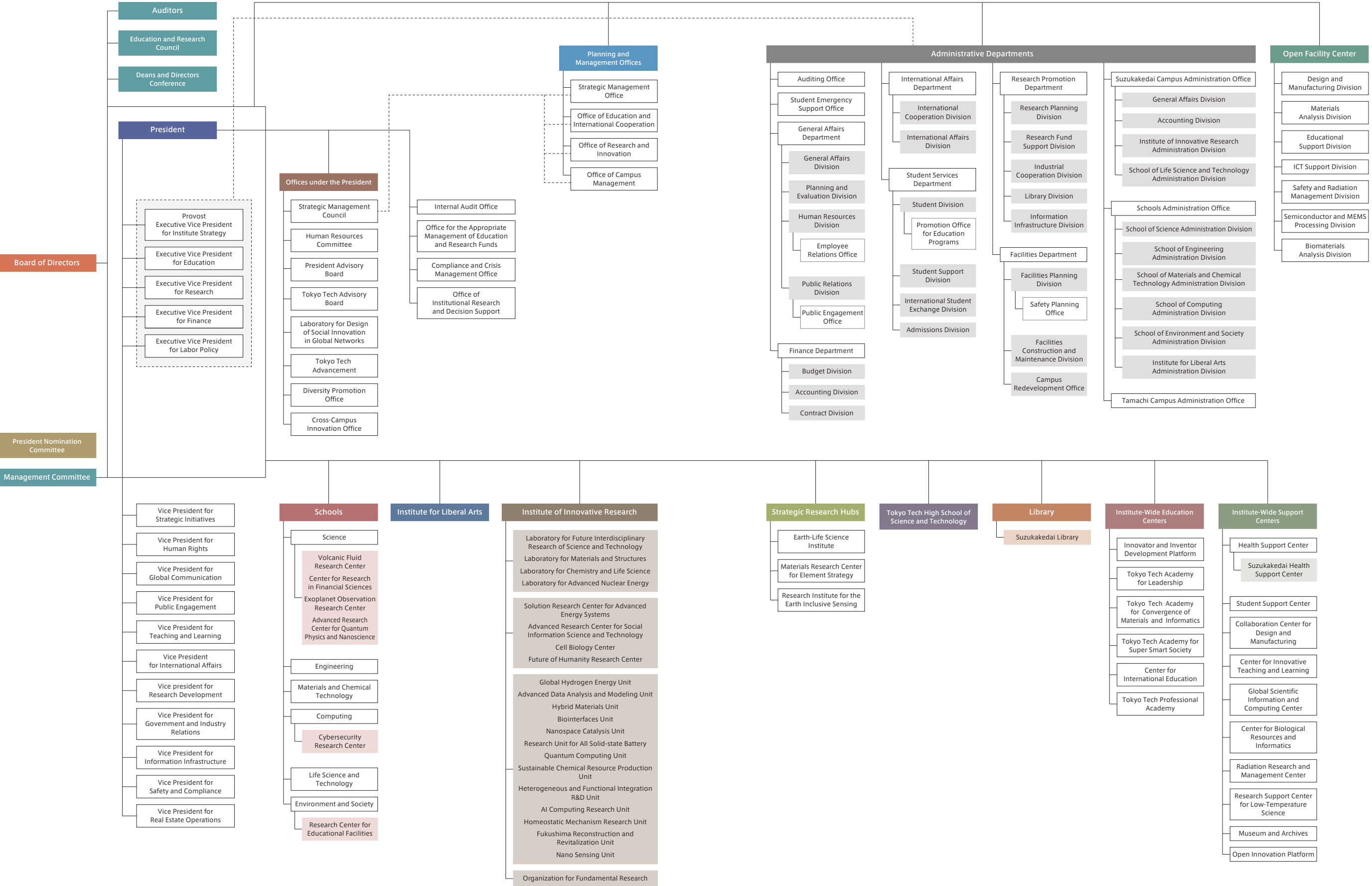
Former Principals and Presidents

Date of appointment	Name	Date of appointment	Name
May 1881	Jiro YAMAOKA (Acting Principal)	August 1966	Jun-ichi SANEYOSHI
September 1881	Taizo MASAKI	August 1968	Tadao SHIBA (Acting President)
March 1890	Seiichi TEJIMA	October 1968	Tadao SHIBA
February 1898	Teiichi SAKATA	May 1969	Mutsumi KATO (Acting President)
February 1899	Seiichi TEJIMA	October 1969	Mutsumi KATO
May 1901	Seiichi TEJIMA	October 1973	Masamitsu KAWAKAMI
September 1916	Teiichi SAKATA	October 1977	Shinroku SAITO
December 1920	Einoshin YOSHITAKE	October 1981	Takehiko MATSUDA
June 1926	Kounosuke NAKAMURA	October 1985	Ikuzo TANAKA
April 1929	Kounosuke NAKAMURA	October 1989	Yasuharu SUEMATSU
March 1942	Hidetsugu YAGI	October 1993	Tsutomu KIMURA
December 1944	Magoichirou WATANABE (Acting President)	October 1997	Yoshiyuki NAITO
December 1944	Koroku WADA	October 2001	Masuo AIZAWA
June 1952	Isamu YAMAMOTO (Acting President)	October 2007	Kenichi IGA
August 1952	Shun-ichi UCHIDA	October 2012	Yoshinao MISHIMA
August 1958	Toshiyoshi YAMAUCHI	April 2018	Kazuya MASU
August 1962	Yoshitoshi OHYAMA		

Organization

Organization Chart

As of August 1, 2020



Organization

Members of the Board, Committees, and Council

As of September 1, 2020

Name	Title
Board of Directors	
Kazuya MASU	President
Isao SATOH	Executive Vice President for Institute Strategy
Tetsuya MIZUMOTO	Executive Vice President for Education
Osamu WATANABE	Executive Vice President for Research
Tadayuki FUJINO	Executive Vice President for Finance / Secretary-General
Saori KAWABATA	Executive Vice President for Labor Policy
Yasutsugu OGURA	Auditor
Mariko MITSUYA	Auditor
Vice Presidents	
Hisakazu MIHARA	Vice President for Strategic Initiatives
Shione KINOSHITA	Vice President for Human Rights
Shigeru HIOKI	Vice President for Public Engagement
Jun-ichi IMURA	Vice President for Teaching and Learning
Jun-ichi TAKADA	Vice President for International Affairs
Kaoru KUWATA	Vice President for Research Development
Tetsuo YAI	Vice President for Government and Industry Relations
Toshihiko ITOH	Vice President for Information Infrastructure
Tetsuo OKADA	Vice President for Safety and Compliance
Yoshiaki MIYAHARA	Vice President for Real Estate Operations
Senior Aides to the President	
Kaoru KUWATA	Senior Aide to the President
Nobuhiro MATSUSHITA	Senior Aide to the President
Aides to the Executive Vice Presidents	
Shingo EBATA	Senior Aide to the Provost
Michikazu HARA	General Aide to the Executive Vice President for Research
Manabu KANDA	Senior Aide to the Executive Vice President for Education
Tetsuji OKAMURA	Senior Aide to the Executive Vice President for Education
Nobuharu IWASAWA	Senior Aide to the Executive Vice President for Education
Kenji TAKESHITA	Senior Aide to the Executive Vice President for Research
Hideo HOSONO	Senior Aide to the Executive Vice President for Research
Hisakazu MIHARA	Senior Aide to the Executive Vice President for Research
Management Committee	
Kazuya MASU	President
Isao SATOH	Executive Vice President for Institute Strategy
Tetsuya MIZUMOTO	Executive Vice President for Education
Osamu WATANABE	Executive Vice President for Research
Tadayuki FUJINO	Executive Vice President for Finance / Secretary-General
Saori KAWABATA	Executive Vice President for Labor Policy
Yoshio ISHIDA	Adviser, JR-East Personnel Service Former Corporate Auditor, East Japan Railway Company Advisor, Tokyo Tech Alumni Association (Kuramae Kougyoukai)
Norio IZUMI	President, NextDecade Research Institute, Ltd.
Kiyoto IDO	Vice Chairman, Institute for International Economic Studies President, Tokyo Tech Alumni Association (Kuramae Kougyoukai)
Junko KAWAMURA	President, Japan Arts Council
Kazuo KYUMA	President, National Agriculture and Food Research Organization
Yuko TAKAHASHI	President, Tsuda University
Masaaki TAKEI	Mayor, Minato City
Fumiko HAYASHI	Mayor of the City of Yokohama
Fumio KOYAMA	Professor, Institute of Innovative Research
Educational and Research Council	
Kazuya MASU	President
Isao SATOH	Executive Vice President for Institute Strategy
Tetsuya MIZUMOTO	Executive Vice President for Education
Osamu WATANABE	Executive Vice President for Research
Tadayuki FUJINO	Executive Vice President for Finance / Secretary-General
Saori KAWABATA	Executive Vice President for Labor Policy
Kotaro YAMADA	Dean, School of Science
Tomohiko UYEMATSU	Dean, School of Engineering
Masahiro SUSA	Dean, School of Materials and Chemical Technology
Haruo YOKOTA	Dean, School of Computing
Shinae KONDOH	Dean, School of Life Science and Technology
Norihiro NAKAI	Dean, School of Environment and Society
Noriyuki UEDA	Dean, Institute for Liberal Arts
Toru HISABORI	Director-General, Institute of Innovative Research
Kotaro YAMADA	Dean, Graduate School of Science (prior system)
Tomohiko UYEMATSU	Dean, Graduate School of Engineering (prior system)
Shinae KONDOH	Dean, Graduate School of Bioscience and Biotechnology (prior system)
Yoshihiro MIYAKE	Dean, Interdisciplinary Graduate School of Science and Engineering (prior system)
Haruo YOKOTA	Dean, Graduate School of Information Science and Engineering (prior system)
Norihiro NAKAI	Dean, Graduate School of Decision Science and Technology (prior system)

Name	Title
Educational and Research Council	
Masahiro HASHIMOTO	Dean, Graduate School of Innovation Management (prior system)
Kotaro YAMADA	Dean, School of Science (prior system)
Tomohiko UYEMATSU	Dean, School of Engineering (prior system)
Shinae KONDOH	Dean, School of Bioscience and Biotechnology (prior system)
Kyoko YAMAMURO	Director, Library
Hisakazu MIHARA	Vice President for Strategic Initiatives
Jun-ichi IMURA	Vice President for Teaching and Learning
Jun-ichi TAKADA	Vice President for International Affairs
Kaoru KUWATA	Vice President for Research Development
Tetsuo YAI	Vice President for Government and Industry Relations
Toshihiko ITOH	Vice President for Information Infrastructure
Tetsuo OKADA	Vice President for Safety and Compliance
Masahiro KUZE	Professor, School of Science
Mamoru TANAHASHI	Professor, School of Engineering
Shinji ANDO	Professor, School of Materials and Chemical Technology
Shinya NISHIBATA	Professor, School of Computing
Masaaki WACHI	Professor, School of Life Science and Technology
Yasuo ASAKURA	Professor, School of Environment and Society
Tatsuya YUMIYAMA	Professor, Institute for Liberal Arts
Munetaka AKITA	Professor, Institute of Innovative Research
Kentaro NAKAMURA	Professor, Institute of Innovative Research
Kenji SAITO	Professor, Health Support Center
President Nomination Committee	
Yoshio ISHIDA	Adviser, JR-East Personnel Service Former Corporate Auditor, East Japan Railway Company Advisor, Tokyo Tech Alumni Association (Kuramae Kougyoukai)
Norio IZUMI	President, NextDecade Research Institute, Ltd.
Kiyoto IDO	Vice Chairman, Institute for International Economic Studies President, Tokyo Tech Alumni Association (Kuramae Kougyoukai)
Junko KAWAMURA	President, Japan Arts Council
Yuko TAKAHASHI	President, Tsuda University
Masahiro KUZE	Professor, School of Science
Shinji ANDO	Professor, School of Materials and Chemical Technology
Shinya NISHIBATA	Professor, School of Computing
Masaaki WACHI	Professor, School of Life Science and Technology
Kentaro NAKAMURA	Professor, Institute of Innovative Research
Isao SATOH	Executive Vice President for Institute Strategy
Deans & Directors	
Kotaro YAMADA	Dean, School of Science
Tomohiko UYEMATSU	Dean, School of Engineering
Masahiro SUSA	Dean, School of Materials and Chemical Technology
Haruo YOKOTA	Dean, School of Computing
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Norihiro NAKAI	Dean, Graduate School of Decision Science and Technology (prior system)
Masahiro HASHIMOTO	Dean, Graduate School of Innovation Management (prior system)
Kotaro YAMADA	Dean, School of Science (prior system)
Tomohiko UYEMATSU	Dean, School of Engineering (prior system)
Shinae KONDOH	Dean, School of Bioscience and Biotechnology (prior system)
Kyoko YAMAMURO	Director, Library
Shigeki NAKAGAWA	Principal, Tokyo Tech High School of Science and Technology
Yoshio NAKAMURA	Head, Open Facility Development Office, Open Facility Center
Mitsuji SAMPEI	Chair, the Directors Conference
Administration Bureau	
Tadayuki FUJINO	Secretary-General
Yoko HIRAI	Director, General Affairs Department
Akio HAYASHI	Director, Finance Department
Noriko SUZUKI	Director, International Affairs Department
Noboru TANAKA	Director, Student Services Department
Shuichi MARUYAMA	Director, Research Promotion Department
Tsuruhiro MATSUNAGA	Director, Facilities Department
Yutaka KURIIWA	Acting Director, Suzukakedai Campus Administration Office
Yoko HIRAI	Director, Schools Administration Office

Schools / Institute for Liberal Arts

Schools and Departments

As of May 1, 2020

Schools

In April 2016, Tokyo Tech joined its undergraduate and graduate schools and established 6 Schools and 19 Departments.

School of Science

Department	Mathematics
	Physics
	Chemistry
	Earth and Planetary Sciences
School-Affiliated Research Center	Volcanic Fluid Research Center
	Center for Research in Financial Sciences
	Exoplanet Observation Research Center
	Advanced Research Center for Quantum Physics and Nanoscience

School of Materials and Chemical Technology

Department	Materials Science and Engineering
	Chemical Science and Engineering

School of Computing

Department	Mathematical and Computing Science
	Computer Science
School-Affiliated Research Center	Cybersecurity Research Center

School of Life Science and Technology

Department	Life Science and Technology
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Institute for Liberal Arts (ILA)

ILA aims to develop individuals who understand the challenges of the 21st century, recognize their individual societal roles, and possess the willingness and

School of Engineering

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

School of Environment and Society

Department	Architecture and Building Engineering
	Civil and Environmental Engineering
	Transdisciplinary Science and Engineering
	Social and Human Sciences
Professional master's degree program	Innovation Science
	Technology and Innovation Management
School-Affiliated Research Center	Research Center for Educational Facilities

Institute of Innovative Research (IIR)

IIR, which consists of four Research Laboratories, four Research Centers, thirteen Research Units, the Organization for Fundamental Research, and Tokyo Tech World Research Hub Initiative(WRHI), creates new research areas and technologies

Research Laboratories

Laboratory for Future Interdisciplinary Research of Science and Technology (FIRST)

The mission of FIRST is to create innovative industrial technologies by fusing various research fields such as mechanical engineering, information science and technology, electrical and electronic engineering, metallurgy, environmental engineering, disaster prevention engineering, and social engineering. As part of its interdisciplinary research programs, FIRST promotes research collaboration with a network-type Joint Usage / Research Center in the field of biomedical engineering.

Laboratory for Materials and Structures (MSL)

MSL aims to create innovative materials with outstanding properties and functions through interdisciplinary research efforts in the fields of inorganic materials, metals, and organic materials. MSL brings about breakthroughs in materials science and technology that contribute to solving technological problems in society. As a Joint Usage / Research Center for advanced inorganic materials, MSL provides a framework for multilateral collaborations.

Research Centers

Solution Research Center for Advanced Energy Systems

AES aims to establish advanced energy systems to realize stable and environment-friendly energy utilization by taking advantage of existing social infrastructures. AES also promotes and creates research projects to find solutions to problems faced by communities and businesses through open innovation with industries, government, and local municipalities.

Cell Biology Center

This center promotes advanced basic research on vital phenomena at the cellular level, and aims to utilize research findings to establish fundamental technologies used in medicine and innovative drug discovery.

Research Units

Global Hydrogen Energy Unit

The unit investigates the implementation and technological development of a global-scale CO2-free hydrogen supply chain combined with the domestic hydrogen network, with collaboration among academia, industry, and government, aiming to realize a "best mix" of global and diverse energy resources.

Hybrid Materials Unit

This unit was established to create sub-nano metal particles in which the number of atoms is controllable, and sub-nano-hetero metal particles made from the precise blending of dissimilar elements at the atomic level with the goal of creating new next-generation functional materials.

that solve existing problems in society, laying the foundations of future industry. In the long run, IIR aims to become a world-leading innovation center.

Laboratory for Chemistry and Life Science (CLS)

CLS carries out a wide range of research on molecular science and engineering, covering not only fundamental and applied chemistry but also life science. CLS aims to create new principles of molecule-based chemistry and bioscience, thereby achieving breakthroughs in next-generation science and technology. The final goal of CLS is to contribute to the realization of sustainable development of human society through front-line chemical research.

Laboratory for Advanced Nuclear Energy (LANE)

LANE aims to contribute to the sustainable development of the world as one of the leading laboratories in applied nuclear energy research. Fundamental research into the peaceful use of nuclear energy is of great significance to solve the world's energy shortage and carbon dioxide emission problems. LANE's research on innovative nuclear energy systems, actinide management, global nuclear security, and advanced research on medical application of radiation are promoted as mission-driven research, along with fundamental researches.

Advanced Research Center for Social Information Science and Technology (ASIST)

ASIST aims at solving social problems by utilizing information and communication technology (ICT). ASIST conducts research targeting the establishment of safe and secure logistical information platforms, by which individuals are able to access their own personal data managed by governmental organizations, medical facilities, and other institutions.

Future of Humanity Research Center

Keeping in step with cutting-edge research of science and technology, this center deals with practical and essential questions regarding what humanity will be like in the decades or centuries to come, and explores the changes that technology will bring to humanity, the values to be protected, and the possibilities as viewed from various perspectives. Research results will be disseminated in various ways, including books, web articles, and radio.

Advanced Data Analysis and Modeling Unit

This unit utilizes public and private big data in an integrated manner to clarify phenomena in human society from a scientific viewpoint, and aims to build a basic model that is used to predict the effects of natural disasters and other environmental changes through large-scale simulations.

Research Units

Biointerfaces Unit

The unit focuses on developing biointerfaces for rehabilitation processes and collecting biological information for preventing disease and assessing the condition of organs.

All Solid-state Battery Research Unit

The All Solid-state Battery Research Unit leverages its superiority in developing superionic conductors, which are solids with highly mobile ions. Superionic conductors are a key solid-state-battery technology highly regarded for safety, stability and high energy density, advantages that are paving the way for the practical use of all-solid-state batteries.

Sustainable Chemical Resource Production Unit

Our aim is to produce chemical raw materials in a sustainable way without using limited fossil resources such as coal, oil, and natural gas in order to establish industrial processes that are better for the environment and realize non-petroleum plastics.

AI Computing Unit

By leveraging the paradigm shift from procedure-oriented to structure-oriented computing, the research unit tries to establish innovative computing architectures for deep neural networks, statistical machine learning, optimization problems, etc., gearing toward acceleration of wide-spread intelligent computing applications.

Fukushima Reconstruction and Revitalization Unit

The Fukushima-Daiichi nuclear power plant accident in 2011 resulted in radioactive material being released from the damaged facility, thereby polluting the surrounding environment and seriously damaging public confidence in the safety of nuclear power. This research unit is developing fundamental technology for environmental restoration and for promoting the decommissioning of reactors, with the goal of early recovery for Fukushima following the unprecedented incident.

Organization for Fundamental Research

The Organization for Fundamental Research comprises the Specialized Academies and Comprehensive Academy to nurture creative, spontaneous and responsible minds highly attuned to societal expectations. Specialized Academies are led by

Nanospace Catalysis Unit

This unit aims at the effective use of resources and the improvement of chemical manufacturing processes through the control and functionalization of nanospace structures and the creation of nanospace catalysts enabling the conversion of diverse carbon resources into useful chemical substances.

Quantum Computing Unit

The Quantum Computing Unit is working mainly on the basic theory of quantum annealing and its applications and will serve as the center of activities in this field in Japan to promote researches in quantum annealing.

Heterogeneous and Function Integration Unit

The development of large scale 3D integration technology for Tera-byte memory, ultra-small system module, bio-devices, and functional sensor to recognize thoughts of plant are being conducted by research platform in cooperation with industries, so-called WOW Alliance.

Homeostatic Mechanism Research Unit

Our body has the ability to keep the internal environment as unchanged as possible (Homeostasis). This unit aims at the elucidation of homeostatic mechanisms in mammals, especially neural mechanisms for the control of body fluid homeostasis, blood pressure, and obesity.

Nano Sensing Research Unit

Healthy and safe food is fundamental to society's happiness and well-being. Our goal is to apply ultrahigh-sensitivity accelerometer systems in providing sustainable medical care and food production.

Tokyo Tech World Research Hub Initiative (WRHI)

By inviting top academics from abroad to collaborate with our research staff, we aim to promote interdisciplinary exchange, the creation of new fields of research

and to lay the foundations for the industries of the future as part of our vision to build a "world research hub" that drives revolutionary research.

Strategic Research Hubs

Earth-Life Science Institute (ELSI)

ELSI was formed as part of the MEXT World Premier International Research Center Initiative (WPI). It aims to answer key questions about the origin of life based on early Earth-life system research. To achieve this, ELSI strives to become a world research hub through its use of the Earth, planetary, and life sciences to create a new field — bioplanetology.

Research Institute for the Earth Inclusive Sensing

Research Institute aims to create social systems achieving co-existence and co-prosperity with the nature by recognizing and empathizing with various silent voices on the earth beyond the boundaries of human, social and nature. And we purpose to grow a warm society where everyone needs someone and helps each other brightly. Based on the Center of Innovation (COI) Program funded by the JST and also adding some off-campus supports, we are working to promote innovative researches in scalable industry-academia collaboration schemes, and to put research results into practical uses.

Materials Research Center for Element Strategy (MCES)

MCES was established to facilitate research on element strategy, and aims to create novel materials from ubiquitous elements by creating new paradigms in materials science. MCES is operating the Tokodai Institute for Element Strategy (TIES) funded by the MEXT Element Strategy Initiative to Form Core Research Centers for Electronic Materials, and completed the ACCEL Hosono Electride Project funded by the Japan Science and Technology Agency (JST).

Tokyo Tech High School of Science and Technology (TTHS)

Tokyo Tech High School of Science and Technology is a MEXT-designated Super Science High School (SSH). It strives to realize a stable system of education providing holistic education to students wishing to pursue studies in science and

technology. It also seeks to advance desirable science and engineering education in cooperation with Tokyo Tech.

As of May 1, 2020

Department	Admission	1st year		2nd year		3rd year		Total		
		M	F	M	F	M	F	M	F	Total
Department of Science and Technology	200	148	51					148	51	199
Applied Chemistry Course				27	14	25	15	52	29	81
Information Systems Course				37	3	36	3	73	6	79
Mechanical Systems Engineering Course				36	6	35	3	71	9	80
Electrical and Electronics Course				32	5	30	8	62	13	75
Architectural Design Course				23	13	22	10	45	23	68
Total	200	148	51	155	41	148	39	451	131	582

Library

The Library houses a wide variety of domestic and overseas publications in the fields of science and engineering, which are available to all interested individuals.

Electronic functions have been expanded to provide a wide variety of services via the internet, including access to electronic journals.

Number of books

As of April 1, 2020

Classifications	Main building (Ookayama Campus)	Branch (Suzukakedai Campus)	Total
Japanese publications	242,777	54,173	296,950
Non-Japanese publications	394,102	97,591	491,693
Total	636,879	151,764	788,643

Number of periodical titles

As of April 1, 2020

Classifications	Main building (Ookayama Campus)	Branch (Suzukakedai Campus)	Total
Japanese publications	2,755	662	3,417
Non-Japanese publications	11,525	1,992	13,517
Total	14,280	2,654	16,934

Electronic data

As of April 1, 2020

Classifications	Electronic journals	Electronic books	Databases
Domestic data	64	528	4
Overseas data	12,375	27,126	5

Use in FY 2019

Classifications	Main building (Ookayama Campus)	Branch (Suzukakedai Campus)	Total
Number of visitors	394,968	40,447	435,415
Number of publications borrowed	92,857	23,133	115,990

Institute-Wide Education Centers

● Innovator and Inventor Development Platform (IIDP)

IIDP organizes Career Development Courses for all graduate-level students at Tokyo Tech. Students must fulfill all requirements for these courses to complete their master's or doctoral degree programs. IIDP provides education that enables students to develop their career awareness and receive on-site training corresponding to their career plans.

● Tokyo Tech Academy for Convergence of Materials and Informatics (TAC-MI)

The TAC-MI program is a seamless degree program provided throughout graduate learning. It aims to empower students to become multitalented individuals capable of promoting unique, interdisciplinary research in materials and information technology. The program will enable students to connect knowledge in information and materials by using informatics techniques and multifaceted thinking, as well as by taking a broad perspective, in collaboration with domestic/overseas universities, research institutions, and private companies.

● Tokyo Tech Academy for Super Smart Society

This educational curriculum aims to realize a super smart society based on quantum science through a degree program that integrates master and doctoral courses. The objective is to train super-skilled PhD holders with technical and professional knowledge capable of leading multiple sectors of a future super smart society.

● Tokyo Tech Academy for Leadership (ToTAL)

The Tokyo Tech Academy for Leadership ensures a seamless transition from the master's to doctoral degree programs to enable students of different nationalities and cultural background to be engaged in learning in a wide range of academic fields with the goal of cultivating diverse specialists beyond the boundaries of different academic fields with strong leadership skills capable of leading international society into the future.

● Center for International Education

The Center for International Education plans and administers Institute-wide inbound and outbound international education programs. It also provides support to inbound international students through Japanese language preparatory courses and other activities.

● Tokyo Tech Professional Academy

In response to significant technical innovations, changes in industrial structures, and rapidly evolving societal needs, the Tokyo Tech Professional Academy puts working adults in touch with the newest knowledge and most advanced technology through its various education programs.

Institute-Wide Support Centers

● Health Support Center

The Health Support Center is responsible for health management at Tokyo Tech. Physicians, counselors, and other healthcare professionals support the physical and mental health of students and staff by providing medical examinations, counseling, and health and safety seminars.

● Collaboration Center for Design and Manufacturing (CODAMA)

A makerspace for all of Tokyo Tech's students and researchers, CODAMA also serves as a multi-functional hub where local residents and high school students can enhance their imagination and creativity.

● Global Scientific Information and Computing Center (GSIC)

GSIC provides supercomputer, information infrastructure for authentication systems, e-mail and network, and software license services. GSIC also shows activities of a Joint Usage / Research Center (JHPCN), HPCI resource provider, and international collaborations using information technology.

● Radiation Research and Management Center

This center supports research and education involving the use of radioisotopes and particle accelerators, and plays a central role in radiation safety management through the supervision of facilities and radiation workers, and the provision of education and training.

● Museum and Archives

The Museum and Archives collects, preserves, and displays highlights of Tokyo Tech's activities since its founding over 135 years ago. Staff conduct research on the historical value of its collections and carry out educational programs that are inspired by heritage.

● Student Support Center

This center has six main functions that aim to help students in every aspect of life at Tokyo Tech. The Center offers counseling services at the Student Guidance Room and through the Telephone Consultation Service, encourages student-centered activities by managing Peer Support services and Institute-wide surveys at the Student Initiative Support Office, assists newly enrolled students in collaboration with Student Life Coaches, ensures accessibility for students with disabilities, and provides career support and opportunities for international exchanges.

● Center for Innovative Teaching and Learning (CITL)

Based on Tokyo Tech's education and research philosophy, CITL was established to develop highly knowledgeable faculty members with outstanding teaching skills and to foster perceptive, capable students with excellent academic abilities and a strong motivation to learn. Through faculty development, course survey of study effectiveness, promotion of active learning, and massive open online courses, CITL aims continuously to strengthen its three pillars: educational assessment, professional development, and learning environment design.

● Center for Biological Resources and Informatics (CBRI)

CBRI promotes and supports cutting- edge research in the life sciences. CBRI raises and cares for laboratory animals, and supports research and education related to gene recombination. This center is also engaged in research associated with bioinformatics for genomes, RNAs and proteins.

● Research Support Center for Low-Temperature Science

This center supports research on physical properties under extremely low temperature, and basic research in the fields of science and engineering. It provides refrigerants, low-temperature technology, and safety education to promote related research at the Institute.

Staff / Student Numbers

Number of staff

The Board			President		Executive Vice Presidents			Auditors			Total	
President / Executive Vice Presidents / Auditors			1		5			2			8	

Research and teaching staff	Professors			Associate Professors			Lecturers			Assistant Professors			Research Associates			Teachers and School Nurses			High School Assistants			Total
	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	
School of Science	47		47	37	2	39	2		2	59	2	61		1	1							150
School of Engineering	64	3	67	64	8	72				47	6	53	1	1	2							194
School of Materials and Chemical Technology	45	2	47	42	5	47	1		1	50	1	51										146
School of Computing	24		24	22	2	24	2	1	3	21	4	25										76
School of Life Science and Technology	20	2	22	24	6	30	3		3	36	3	39										94
School of Environment and Society	40	5	45	37	5	42				23	9	32										119
Institute for Liberal Arts	16	2	18	13	9	22	1	4	5	5	2	7										52
Institute of Innovative Research	57	2	59	52	5	57				54	6	60										176
Strategic Research Hubs																						
Materials Research Center for Element Strategy				2		2				3		3										5
Earth-Life Science Institute	5		5	2		2																7
Institute-wide Education Centers																						
Tokyo Tech Academy for Leadership	1		1	4	1	5																6
Institute-wide Support Centers																						
Health Support Center	3		3	1		1																4
Center for Innovative Teaching and Learning	1		1	1		1																2
Global Scientific Information and Computing Center	5		5	4		4				2		2										11
Radiation Research and Management Center				1		1																1
Museum and Archives	1		1																			1
Open Innovation Platform	1		1																			1
Other offices and high school																						
Strategic Management Office	2		2																			2
Office of Campus Management					1	1																1
Tokyo Tech High School of Science and Technology																36	11	47	2	2	4	51
Total	332	16	348	306	44	350	9	5	14	300	33	333	1	2	3	36	11	47	2	2	4	1,099

Note: Teachers and School Nurses include Associate Principal and Senior Teachers.

	Administrative staff			Technical staff			Medical staff			Total
	M	F	Total	M	F	Total	M	F	Total	
Office and technical staff	248	246	494	87	24	111		3	3	608

Number of fixed-term staff

	Institute Professors			Specially Appointed Professors			Specially Appointed Associate Professors			Specially Appointed Lecturers			Specially Appointed Assistant Professors			Visiting Professors			Visiting Associate Professors			Visiting Associate Professors (Lecturer)			Visiting Assistant Professors			Other			Total
	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	
Research and teaching staff	11		11	158	15	173	88	13	101	11	4	15	67	8	75	60	4	64	36	3	39	1		1	4	1	5	1		1	485

Office and technical staff	Vice Presidents			Administrative staff			Technical staff			Medical staff			Student affairs staff			Total
	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	
Working 30h or more per week		1	1	90	475	565	162	95	257		4	4	2	2	4	831
Working 29h or less per week	2	1	3	16	329	345	113	140	253	1	1	2	1	4	5	608
Total	2	2	4	106	804	910	275	235	510	1	5	6	3	6	9	1,439

Research staff

Affiliation	Visiting scholars	Researchers from industrial firms (sponsored research)	Researchers from industrial firms (collaborative research)	JSPS Fellows (Japan Society for the Promotion of Science)			Total
				Postdoc	2nd-year doctoral	1st-year doctoral	
School of Science	2			3	21	24	50
School of Engineering	5		6	1	13	13	38
School of Materials and Chemical Technology	4	4	9	3	10	13	43
School of Computing	3		2	3	10	6	24
School of Life Science and Technology		2	12	2	4	7	27
School of Environment and Society	13	11			3	3	30
Institute for Liberal Arts	1						1
Institute of Innovative Research	8	4	43	1			56
Strategic Research Hubs	4		8	3			15
Institute-Wide Education Centers and Institute-Wide Support Centers				1			1
Total	40	21	80	17	61	66	285

Note: Figures for JSPS Fellows (Japan Society for the Promotion of Science) reflect instructor affiliation. Figures include both new and continuing employment.

Visiting scholars by country or region

Country or region	Number of visits	Country or region	Number of visits	Country or region	Number of visits
Asia		Middle East		Bulgaria	1
Bangladesh	3	Israel	3	Croatia	1
Cambodia	5	Lebanon	1	Czech	2
China	37	Palestine	1	Finland	2
India	11	Saudi Arabia	2	France	10
Indonesia	6	Turkey	5	Germany	8
Japan	1	Africa		Greece	1
Kazakhstan	1	Algeria	1	Hungary	1
Korea	5	Egypt	10	Italy	10
Malaysia	13	Oceania		Latvia	1
Mongolia	1	Australia	3	Luxembourg	1
Myanmar	3	New Zealand	1	Netherlands	2
Pakistan	1	North America		Norway	2
Philippines	6	Canada	2	Russia	2
Sri Lanka	1	U.S.A	8	Spain	3
Taiwan	6	Central and South America		Sweden	1
Thailand	9	Brazil	1	Switzerland	1
Uzbekistan	2	Chile	2	UK	6
Vietnam	3	Mexico	1	Total	
Middle East		Europe			
Iran	4	Austria	2		

Number of students by Academic Group

Academic Group	1st year		Total	Academic Group	1st year		Total
	M	F			M	F	
1st	6	0	6	5th	3	0	3
2nd	1	1	2	6th	1	0	1
3rd	2	0	2	7th	7	0	7
4th	1	0	1	Total	21	1	22

Note: Figures in parentheses represent the number of international students.

Staff / Student Numbers

As of May 1, 2020

Number of students by Department who enrolled in bachelor's degree programs from AY 2016 onwards

School	Department	Admission quota	1st year		2nd year		3rd year		4th year		Total * (Department)	Total (School)
			M	F	M	F	M	F	M	F		
School of Science	Mathematics		149 (1)	17 (1)	28 (1)	2 (0)	27 (0)	3 (0)	40 (2)	2 (0)	102 (3)	
	Physics				63 (2)	4 (0)	62 (2)	1 (0)	76 (3)	2 (0)	208 (7)	
	Chemistry				23 (1)	5 (1)	23 (2)	2 (0)	35 (1)	2 (0)	90 (5)	
	Earth and Planetary Sciences				30 (0)	1 (0)	28 (0)	4 (0)	34 (0)	2 (0)	99 (0)	
	Total	151	149 (1)	17 (1)	144 (4)	12 (1)	140 (4)	10 (0)	185 (6)	8 (0)	499 (15)	665 (17)
School of Engineering	Mechanical Engineering		351 (17)	38 (8)	128 (5)	9 (0)	142 (8)	8 (0)	164 (11)	12 (1)	463 (25)	
	Systems and Control Engineering				46 (2)	4 (0)	50 (3)	2 (0)	55 (4)	7 (0)	164 (9)	
	Electrical and Electronic Engineering				75 (4)	5 (1)	71 (1)	4 (1)	95 (2)	7 (1)	257 (10)	
	Information and Communications Engineering				50 (1)	2 (1)	40 (0)	10 (1)	56 (2)	6 (0)	164 (5)	
	Industrial Engineering and Economics				60 (2)	3 (0)	55 (0)	6 (0)	64 (2)	11 (1)	199 (5)	
	Total	358	351 (17)	38 (8)	359 (14)	23 (2)	358 (12)	30 (2)	434 (21)	43 (3)	1,247 (54)	1,636 (79)
School of Materials and Chemical Technology	Materials Science and Engineering		168 (2)	27 (4)	82 (2)	11 (0)	84 (2)	8 (0)	84 (4)	13 (1)	282 (9)	
	Chemical Science and Engineering				80 (5)	15 (1)	94 (3)	14 (2)	94 (4)	25 (1)	322 (16)	
	Total	183	168 (2)	27 (4)	162 (7)	26 (1)	178 (5)	22 (2)	178 (8)	38 (2)	604 (25)	799 (31)
School of Computing	Mathematical Science and Engineering		96 (2)	9 (2)	39 (0)	0 (0)	38 (0)	3 (0)	35 (1)	5 (0)	120 (1)	
	Computer Science				64 (1)	9 (2)	64 (5)	6 (0)	70 (5)	8 (1)	221 (14)	
	Total	92	96 (2)	9 (2)	103 (1)	9 (2)	102 (5)	9 (0)	105 (6)	13 (1)	341 (15)	446 (19)
School of Life Science and Technology	Life Science and Technology		127 (1)	40 (1)	110 (0)	23 (0)	117 (5)	42 (0)	122 (5)	44 (1)	458 (11)	
	Total	150	127 (1)	40 (1)	110 (0)	23 (0)	117 (5)	42 (0)	122 (5)	44 (1)	458 (11)	625 (13)
School of Environment and Society	Architecture and Building Engineering		105 (24)	45 (5)	43 (1)	11 (1)	41 (2)	17 (0)	45 (2)	17 (0)	174 (6)	
	Civil				34 (1)	4 (2)	28 (0)	8 (0)	33 (1)	12 (1)	119 (5)	
	Social and Human Sciences				31 (16)	9 (6)	39 (13)	10 (8)	55 (20)	15 (9)	159 (72)	
	Total	134	105 (24)	45 (5)	108 (18)	24 (9)	108 (15)	35 (8)	133 (23)	44 (10)	452 (83)	602 (112)
Total		1,068	996 (47)	176 (21)	986 (44)	117 (15)	1,003 (46)	148 (12)	1,157 (69)	190 (17)	3,601 (203)	4,773 (271)

Note: 1) Figures in parentheses represent the number of international students. 2) * Total (Department) shows the number of students (2nd- to 4th-year undergraduates) who enrolled in the Department's bachelor's degree programs.

Number of students by Department who enrolled in bachelor's degree programs in AY 2015 or earlier

School	Department	1st year		4th year		Total		Total
		M	F	M	F	M	F	
Science	Mathematics			9 (0)		9 (0)		9 (0)
	Physics			10 (0)		10 (0)		10 (0)
	Chemistry			5 (0)		5 (0)		5 (0)
	Information Science			5 (2)		5 (2)		5 (2)
	Earth and Planetary Sciences			10 (1)		10 (1)		10 (1)
	Total			39 (3)		39 (3)		39 (3)
Engineering	Metallurgical Engineering			4 (0)		4 (0)		4 (0)
	Organic and Polymeric Materials			2 (0)		2 (0)		2 (0)
	Inorganic Materials							
	Chemical Engineering			6 (0)		6 (0)		6 (0)
	Polymer Chemistry			1 (0)		1 (0)		1 (0)
	Mechanical Engineering and Science			4 (1)		4 (1)		4 (1)
	Mechanical and Intelligent Systems Engineering			7 (1)		7 (1)		7 (1)
	Mechano-Aerospace Engineering			3 (1)		3 (1)		3 (1)
	Control and Systems Engineering			3 (0)		3 (0)		3 (0)
	Industrial and Systems Engineering			3 (0)		3 (0)		3 (0)
	Electrical and Electronic Engineering			11 (2)		11 (2)		11 (2)
	Computer Science			14 (0)		14 (0)		14 (0)

School	Department	1st year		4th year		Total		Total
		M	F	M	F	M	F	
Engineering	Civil and Environmental Engineering			2 (1)		2 (1)		2 (1)
	Architecture and Building Engineering			2 (0)		2 (0)		2 (0)
	Social Engineering			7 (0)	1 (0)	7 (0)	1 (0)	8 (0)
	International Development Engineering			7 (2)	1 (0)	7 (2)	1 (0)	8 (2)
	General Education (1st-year)	1 (0)				1 (0)		1 (0)
	Total	1 (0)		76 (8)	2 (0)	77 (8)	2 (0)	79 (8)
Bioscience and Biotechnology	Bioscience			7 (0)		7 (0)		7 (0)
	Biotechnology			2 (0)		2 (0)		2 (0)
	General Education (1st-year)							
	Total			9 (0)		9 (0)		9 (0)
Total		1 (0)		124 (11)	2 (0)	125 (11)	2 (0)	127 (11)

Note: Figures in parentheses represent the number of international students.

Total number of students in bachelor's degree programs

	1st year		2nd year		3rd year		4th year		Total		Total
	M	F	M	F	M	F	M	F	M	F	
Total	1,018	177	986	117	1,003	148	1,281	192	4,288	634	4,922

Number of students in master's and doctoral programs

Department	Master's program								Master's program total	Doctoral program										Doctoral program total	Master's and doctoral programs total	
	Admission quota	Enrollment quota	1st year		2nd year		Total			Admission quota	Enrollment quota	1st year		2nd year		3rd year		Total				
			M	F	M	F	M	F				M	F	M	F	M	F	M	F			
School or Graduate School																						
School of Science																						
Mathematics	154	308	21 (1)		26 (0)	3 (1)	47 (1)	3 (1)	50 (2)	52	156	8 (1)	1 (0)	3 (0)	1 (0)	9 (0)	1 (0)	20 (1)	3 (0)	23 (1)	73 (3)	
Physics			58 (3)	2 (0)	57 (3)	6 (0)	115 (6)	8 (0)	123 (6)			15 (2)	3 (1)	16 (1)	1 (1)	18 (2)	3 (0)	49 (5)	7 (2)	56 (7)	179 (13)	
Chemistry			50 (4)	9 (4)	47 (2)	17 (0)	97 (6)	26 (4)	123 (10)			8 (1)		12 (2)	1 (0)	7 (1)	0 (0)	27 (4)	1 (0)	28 (4)	151 (14)	
Earth and Planetary Sciences			17 (2)	6 (2)	14 (0)	2 (0)	31 (2)	8 (2)	39 (4)			7 (2)		5 (2)	5 (2)	7 (1)	2 (1)	19 (5)	7 (3)	26 (8)	65 (12)	
Total			146 (10)	17 (6)	144 (5)	28 (1)	290 (15)	45 (7)	335 (22)			38 (6)	4 (1)	36 (5)	8 (3)	41 (4)	6 (1)	115 (15)	18 (5)	133 (20)	468 (42)	
School of Engineering																						
Mechanical Engineering	477	954	190 (39)	12 (4)	203 (41)	18 (7)	393 (80)	30 (11)	423 (91)	169	507	28 (11)	5 (4)	26 (12)	5 (3)	42 (19)	4 (2)	96 (42)	14 (9)	110 (51)	533 (142)	
Systems and Control Engineering			56 (15)	6 (3)	57 (7)	4 (2)	113 (22)	10 (5)	123 (27)			9 (4)		7 (4)		13 (7)	1 (1)	29 (15)	1 (1)	30 (16)	153 (43)	
Electrical and Electronic Engineering			150 (23)	9 (5)	155 (24)	11 (9)	305 (47)	20 (14)	325 (61)			34 (12)	5 (5)	41 (22)	3 (3)	33 (17)	1 (1)	108 (51)	9 (9)	117 (60)	442 (121)	
Information and Communications Engineering			87 (28)	15 (10)	97 (27)	15 (13)	184 (55)	30 (23)	214 (78)			17 (10)	4 (4)	19 (10)	2 (2)	33 (15)	8 (5)	69 (35)	14 (11)	83 (46)	297 (124)	
Industrial Engineering and Economics			61 (9)	13 (5)	61 (5)	11 (5)	122 (14)	24 (10)	146 (24)			2 (1)	1 (0)	3 (2)	3 (3)	11 (3)	3 (2)	16 (6)	7 (5)	23 (11)	169 (35)	
Total			544 (114)	55 (27)	573 (104)	59 (36)	1,117 (218)	114 (63)	1,231 (281)			90 (38)	15 (13)	96 (50)	13 (11)	132 (61)	17 (11)	318 (149)	45 (35)	363 (184)	1,594 (465)	
School of Materials and Chemical Technology																						
Materials Science and Engineering	347	694	184 (28)	38 (16)	192 (15)	37 (18)	376 (43)	75 (34)	451 (77)	129	387	35 (17)	12 (10)	41 (12)	4 (1)	42 (21)	7 (5)	118 (50)	23 (16)	141 (66)	592 (143)	
Chemical Science and Engineering			160 (19)	48 (16)	163 (23)	54 (11)	323 (42)	102 (27)	425 (69)			41 (19)	4 (4)	32 (9)	7 (6)	27 (12)	7 (5)	100 (40)	18 (15)	118 (55)	543 (124)	
Total			344 (47)	86 (32)	355 (38)	91 (29)	699 (85)	177 (61)	876 (146)			76 (36)	16 (14)	73 (21)	11 (7)	69 (33)	14 (10)	218 (90)	41 (31)	259 (121)	1,135 (267)	
School of Computing																						
Mathematical and Computing Science	135	270	53 (11)	3 (1)	58 (8)	4 (1)	111 (19)	7 (2)	118 (21)	50	150	15 (4)	1 (0)	10 (1)		15 (4)	1 (0)	40 (9)	2 (0)	42 (9)	160 (30)	
Computer Science			109 (45)	8 (5)	119 (22)	12 (5)	228 (67)	20 (10)	248 (77)			20 (10)	4 (3)	28 (11)	5 (3)	32 (10)	6 (2)	80 (31)	15 (8)	95 (39)	343 (116)	
Total			162 (56)	11 (6)	177 (30)	16 (6)	339 (86)	27 (12)	366 (98)			35 (14)	5 (3)	38 (12)	5 (3)	47 (14)	7 (2)	120 (40)	17 (8)	137 (48)	503 (146)	

Number of students in master's and doctoral programs (cont.)

Department	Master's program								Master's program total	Doctoral program								Doctoral program total	Master's and doctoral programs total				
	Admission quota	Enrollment quota	1st year		2nd year		Total			Admission quota	Enrollment quota	1st year		2nd year		3rd year				Total			
			M	F	M	F	M	F				M	F	M	F	M	F			M	F		
School or Graduate School																							
Interdisciplinary Graduate School of Science and Engineering																							
Built Environment																3 (0)		3 (0)		3 (0)	3 (0)		
Energy Sciences																		1 (0)		1 (0)	1 (0)		
Environmental Chemistry and Engineering																	1 (0)		1 (0)		1 (0)	1 (0)	
Electronics and Applied Physics																	1 (0)	1 (0)	1 (0)	1 (0)	2 (0)	2 (0)	
Mechano-Micro Engineering																							
Computational Intelligence and Systems Science																		21 (5)	1 (0)	21 (5)	1 (0)	22 (5)	22 (5)
Information Processing						1 (1)				1 (1)		1 (1)						7 (2)	1 (0)	7 (2)	1 (0)	8 (2)	9 (3)
Total					1 (1)			1 (1)		1 (1)						37 (8)	6 (1)	37 (8)	6 (1)	43 (9)	44 (10)		
Graduate School of Information Science and Engineering																							
Mathematical and Computing Sciences																1 (0)		1 (0)		1 (0)	1 (0)		
Computer Science																	1 (0)	1 (0)	1 (0)	1 (0)	2 (0)	2 (0)	
Mechanical and Environmental Informatics																							
Total																		2 (0)	1 (0)	2 (0)	1 (0)	3 (0)	3 (0)
Graduate School of Decision Science and Technology																							
Human System Science																3 (0)	1 (0)	3 (0)	1 (0)	4 (0)	4 (0)		
Value and Decision Science																	5 (0)	7 (1)	5 (0)	7 (1)	12 (1)	12 (1)	
Industrial Engineering and Management																	3 (0)	2 (2)	3 (0)	2 (1)	5 (1)	5 (1)	
Social Engineering																		3 (0)	1 (3)	3 (0)	1 (0)	4 (0)	4 (0)
Total																		14 (0)	11 (4)	14 (0)	11 (2)	25 (2)	25 (2)
Graduate School of Innovation Management																							
Management of Technology **					3 (0)	1 (1)	3 (0)	1 (0)	4 (0)												4 (0)		
Innovation *																	6 (0)	1 (0)	6 (0)	1 (0)	7 (0)	7 (0)	
Total					3 (0)	1 (0)	3 (0)	1 (0)	4 (0)								6 (0)	1 (0)	6 (0)	1 (0)	7 (0)	11 (0)	
Total ***																							
	1,584	3,168	1,602 (308)	360 (148)	1,677 (252)	413 (140)	3,279 (560)	773 (288)	4,052 (848)	567	1,701	341 (127)	87 (57)	331 (126)	80 (54)	514 (168)	121 (58)	1,186 (421)	288 (169)	1,474 (590)	5,526 (1438)		

Research students

Schools and Graduate Schools	Non-degree students		Research students (Japanese govt scholarship)		Research students (privately funded)		International exchange students		International visiting students		Japanese language course students		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Science	6 (0)					1 (1)	1 (1)	1 (1)					7 (1)	2 (2)
Engineering	1 (0)	1 (0)	1 (1)	1 (1)	16 (4)	1 (1)	19 (19)	4 (4)	2 (2)		2 (2)	1 (1)	41 (28)	8 (7)
Materials and Chemical Technology	4 (0)	1 (0)			5 (3)	5 (4)	3 (3)	1 (1)				1 (1)	12 (6)	8 (6)
Computing	5 (0)	1 (0)	1 (1)	1 (1)	3 (1)	1 (1)	4 (4)				1 (1)	2 (2)	14 (7)	5 (4)
Life Science and Technology	1 (0)				6 (4)	7 (4)	2 (2)				1 (1)		10 (7)	7 (4)
Environment and Society	11 (0)	5 (0)	1 (1)	1 (1)	10 (3)	13 (11)	7 (7)	7 (7)	1 (1)		1 (1)	2 (2)	31 (13)	28 (21)
Total	28 (0)	8 (0)	3 (3)	3 (3)	40 (15)	28 (22)	36 (36)	13 (13)	3 (3)		5 (5)	6 (6)	115 (62)	58 (44)

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Staff / Student Numbers

As of May 1, 2020

International students

Country or region	Bachelor's program	Master's program	Doctoral program	Professional master's program	Non-degree program	Total
Asia						
Bangladesh	1	6	9			16
Cambodia	4	5	12		1	22
China	107	577	209	1	41	935
India	5	9	19		1	34
Indonesia	15	50	70		4	139
Korea	50	26	44		2	122
Malaysia	15	5	13			33
Mongolia	12	9	2			23
Myanmar	1	1				2
Laos		1	1			2
Nepal	2	3	5		2	12
Pakistan		1	3		1	5
Philippines	2	5	14			21
Singapore	3	2	2			7
Sri Lanka		3	5			8
Taiwan	2	26	8		4	40
Thailand	36	30	61		4	131
Bhutan		1				1
Vietnam	11	12	21			44
Middle East						
Iran		3	6			9
Israel			1			1
Jordan		1	2			3
Lebanese		1				1
Saudi Arabia		1	3			4
Syria		1	1			2
Turkey		5	2		1	8
Yemen		1				1
Africa						
Algeria		1	1			2
Cameroon		1			1	2
Egypt		3	7		12	22
Ethiopia		1				1
Kingdom of Morocco		1	1			2
Madagascar		1				1
Senegal			2			2
South Africa		1	1			2
Tunisia		2	3			5
Zambia		1				1
Zimbabwe			2			2
Oceania						
Australia		1	1	1		3

Country or region	Bachelor's program	Master's program	Doctoral program	Professional master's program	Non-degree program	Total
North America						
Canada		4	1			5
U.S.A		4	4			8
Central and South America						
Brazil	4	5	4		1	14
Chile			1			1
Colombia	1	1	1			3
Ecuador			1			1
El Salvador	1					1
Guatemala		1				1
Jamaica		1				1
Mexico		6	4			10
Panama			1			1
Peru	4		1			5
Venezuela					1	1
Europe						
Austria		1	1			2
Bulgaria	1	1			1	3
Bosnia and Herzegovina			2			2
Denmark					1	1
Finland					2	2
France			1		6	7
Germany		1	9		6	16
Greece		1	1		1	3
Hungary			1			1
Italy		1	2		1	4
Kazakhstan	1	1	4			6
Lithuania			1			1
North Macedonia		1				1
Netherlands		4	2			6
Norway					3	3
Poland	1					1
Russia	1	1	1		1	4
Spain		1	2			3
Sweden			1		5	6
Switzerland		1	1		1	3
U.K.		1				1
Ukraine		1	1		1	3
Republic of Uzbekistan		2				2
Total						
	280	838	579	2	105	1,804

Enrollment

As of May 1, 2020

Enrollment

Classifications	Bachelor's program						Total
	School of Science	School of Engineering	School of Materials and Chemical Technology	School of Computing	School of Life Science and Technology	School of Environment and Society	
Applicants	732	1,564	588	873	811	596	5,164
Admitted	151	348	178	92	150	109	1,028
Enrolled	162	381	194	103	162	145	1,147

Classifications	Master's program						Total
	School of Science	School of Engineering	School of Materials and Chemical Technology	School of Computing	School of Life Science and Technology	School of Environment and Society	
Applicants	277	951	493	326	233	429	2,709
Admitted	154	477	347	135	168	263	1,544
Enrolled	148	497	377	137	175	264	1,598

Classifications	Professional master's program	Total
	School of Environment and Society	
Applicants	67	67
Admitted	40	40
Enrolled	33	33

Classifications	Doctoral program						Total
	School of Science	School of Engineering	School of Materials and Chemical Technology	School of Computing	School of Life Science and Technology	School of Environment and Society	
Applicants	38	69	61	27	39	57	291
Admitted	52	169	129	50	52	115	567
Enrolled	38	62	54	25	37	47	263

Location of high schools from which students graduated

Region	Prefecture	Enrolled	Region	Prefecture	Enrolled	Region	Prefecture	Enrolled
Hokkaido	Hokkaido	16	Chubu	Fukui	4	Chugoku	Yamaguchi	4
Tohoku	Aomori	6		Yamanashi	6	Shikoku	Tokushima	0
	Iwate	3		Nagano	7		Kagawa	4
	Miyagi	7		Gifu	3		Ehime	2
	Akita	1		Shizuoka	15		Kochi	3
	Yamagata	1		Aichi	40	Kyushu / Okinawa	Fukuoka	18
	Fukushima	4	Kinki	Mie	6		Saga	1
Kanto	Ibaraki	24		Shiga	3		Nagasaki	1
	Tochigi	5		Kyoto	7		Kumamoto	7
	Gunma	3		Osaka	11		Oita	3
	Saitama	67		Hyogo	15		Miyazaki	0
	Chiba	126		Nara	5		Kagoshima	4
	Tokyo	396	Chugoku	Wakayama	1		Okinawa	3
	Kanagawa	194		Tottori	4	Other		75
Chubu	Niigata	7		Shimane	1	Total		1,147
	Toyama	6		Okayama	8			
	Ishikawa	7						

Tokyo Tech Students after Graduation

Undergraduate students after graduation

School	Number of graduates	Manufacturers	Non-manufacturers	Education	Government or public agencies	Other / Unknown *	Further study
School of Science	106		12	1		3	90
School of Engineering	323	10	14		1	10	288
School of Materials and Chemical Technology	176		1		1	1	173
School of Computing	92	4	10			2	76
School of Life Science and Technology	135	1	7		1	5	121
School of Environment and Society	125	3	8		1	5	108
School of Science	31	1	11			4	15
School of Engineering	87	9	29			20	29
School of Bioscience and Biotechnology	13	1	8			1	3
Total	1,088	29	100	1	4	51	903

Note: * includes fixed-term positions.

Master's students after graduation

Graduate School	Number of graduates	Manufacturers	Non-manufacturers	Education	Government or public agencies	Other / Unknown *	Further study
School of Science	161	61	60	3	1	3	33
School of Engineering	584	288	194		3	35	64
School of Materials and Chemical Technology	409	268	70		4	11	56
School of Computing	162	26	94		1	17	24
School of Life Science and Technology	179	67	62		2	9	39
School of Environment and Society	329	34	201	1	5	47	41
Graduate School of Science and Engineering							
Graduate School of Bioscience and Biotechnology							
Interdisciplinary Graduate School of Science and Engineering							
Graduate School of Information Science and Engineering							
Graduate School of Decision Science and Technology	1		1				
Total	1,825	744	682	4	16	122	257

Note: * includes fixed-term positions.

Professional master's program students after graduation

Graduate School	Number of graduates	Manufacturers	Non-manufacturers	Prior affiliation	Other / Unknown	Further study
School of Environment and Society	39	3	2	24	1	9
Total	39	3	2	24	1	9

Doctoral students after graduation

Graduate School	Number of graduates	Manufacturers	Non-manufacturers	Education	Government or public agencies	JSPS fellows	Postdoc	Prior affiliation	Other / Unknown *
School of Science	30	9	12	2		2	3		2
School of Engineering	63	11	14	6			8	3	21
School of Materials and Chemical Technology	81	29	21	3		1	5	11	11
School of Computing	15	1	5	2	1		1	3	2
School of Life Science and Technology	26	12	9	2				1	2
School of Environment and Society	50		14	3	2		6	8	17
Graduate School of Science and Engineering	20	3	4	2			3	3	5
Graduate School of Bioscience and Biotechnology	9	2	4						3
Interdisciplinary Graduate School of Science and Engineering	21		3	1			3	6	8
Graduate School of Information Science and Engineering	6		4				1		1
Graduate School of Decision Science and Technology	7		2	1				1	3
Graduate School of Innovation Management	4		0					3	1
Total	332	67	92	22	3	3	30	39	76

Notes: JSPS: Japan Society for the Promotion of Science
* includes fixed-term positions.
** are fixed-term staff whose contract is less than one year or who work less than 30 hours per week.

Number of doctoral degrees granted

Classifications	Course-based					Dissertation-based		
	Doctor of Science	Doctor of Engineering	Doctor of Philosophy	Doctor of MOT	Total	Doctor of Science	Doctor of Engineering	Total
Graduate School of Science and Engineering	2	13	5		20			
Graduate School of Bioscience and Biotechnology	7		2		9			
Interdisciplinary Graduate School of Science and Engineering	6	14	1		21			
Graduate School of Information Science and Engineering	1	3	2		6			
Graduate School of Decision Science and Technology		1	6		7			
Graduate School of Innovation Management		1		3	4			
School of Science	30				30			
School of Engineering	2	54	7		63			
School of Materials and Chemical Technology	8	68	5		81			
School of Computing	5	6	4		15			
School of Life Science and Technology	11	12	3		26	1		1
School of Environment and Society		34	16		50	3	1	4
Total	72	206	51	3	332	4	1	5

Education & Research Programs

Education Programs

Bachelor's degree program

● **Multidisciplinary Program of the Confederation of the Four Universities**

Tokyo Medical and Dental University, Tokyo University of Foreign Studies, Hitotsubashi University, and Tokyo Tech concluded an agreement launching the Confederation of the Four Universities to seek the expansion of mutual interactions and enhance their curriculum offerings. When students in the joint education courses have earned the required number of credits from each participating university in their chosen course, they become eligible for a certificate of completion.

Program	Students enrolled
Multidisciplinary Program of the Confederation of the Four Universities	724
Global Scientists and Engineers Course	1,872

Note: Primary and Intermediate Courses are also available to students in master’ s programs. Among the students enrolled in the courses, 453 students are in master’ s programs.

● **Global Scientists and Engineers Course**

Students enrolled in this course take classes in four programs in addition to their regular bachelor's degree coursework to improve their international awareness, English language proficiency and communication skills, understanding of different cultures, ability to work on a team, ability to find and solve problems, and to enhance their experience studying abroad. Students satisfying all requirements are awarded a certificate of completion. Courses are divided into Basic, Intermediate, and Advanced levels, with the last of these aimed at master's and professional master's students.

As of May 1, 2020

Master's and doctoral degree programs

● **Graduate minors**

In addition to acquiring specialized knowledge through graduate majors, students can take graduate minors either to broaden their knowledge and skills in a field different from their major, or to grasp the essence of multiple graduate majors. A certificate is awarded upon completion of a graduate minor.

● **Dual Degree Program**

This program allows students enrolled in doctoral programs at Tokyo Tech to be concurrently enrolled in the Department of Technology and Innovation Management, School of Environment and Society. Students gain deep knowledge and develop excellent skills in their specialized fields through unique and independent research activities as they acquire dual degrees.

● **Specially offered degree programs for graduate students**

Tokyo Institute of Technology offers five educational programs that provide students with a seamless transition through master's and doctoral studies, aiming to prepare future leaders to play active roles in global society while responding to the demands of industry, academia, and government. Tokyo Tech students who meet the completion requirements will receive an acknowledgement on their diploma in addition to recognition of their degree. The Six educational programs offered are:

- Tokyo Tech Academy for Leadership (ToTAL)
- Academy for Global Leadership (AGL)
- Academy for Co-creative Education of Environment and Energy Science (ACEEES)
- Education Academy of computational Life (ACLS)
- Academy for Global Nuclear Safety and Security Agent (U-ATOM)
- Tokyo Tech Academy for Convergence of Materials and Informatics (TAC-MI)
- WISE (World-leading Innovative & Smart Education) Program for Super Smart Society

FY 2019

Program	Students who completed program
Graduate minors	11
Dual Degree Program	1
Progressive graduate minors	64
Tokyo Tech-Tsinghua University Joint Graduate Program	13

International Graduate Program

● **International Graduate Program**

The International Graduate Program (IGP) offers all classes in English. Although students' specializations vary, many departments provide this program for courses related to international issues. Beyond their specializations, students can also take classes in education, culture, and the

Japanese language, which enable students who seek employment in Japan after the completion of their studies to find a smooth career path. Excellent students are eligible for the Japanese Government (MEXT) Scholarships.

As of May 1, 2020

School	Master's program	Doctoral program	Total
Science	7	11	18
Engineering	170	124	294
Materials and Chemical Technology	108	103	211
Computing	54	23	77
Life Science and Technology	55	52	107
Environment and Society	122	88	210
Total	516	401	917

Graduate School	Master's program	Doctoral program	Total
Science and Engineering		6	6
Bioscience and Biotechnology		1	1
Interdisciplinary Graduate School of Science and Engineering		9	9
Decision Science and Technology		1	1
Total		17	17
School and Graduate School total	516	418	934

Research Programs

Features research platforms

● **Earth-Life Science Institute (ELSI) established by the World Premier International Research Center Initiative (WPI)**

ELSI was formed as part of the MEXT World Premier International Research Center Initiative (WPI). It aims to answer key questions about the origin of life based on early Earth-life system research. To achieve this, ELSI strives to become a world research hub through its use of the Earth, planetary, and life sciences to create a new field — bioplanetology.

Term	Oct. 29, 2012 - Mar. 31, 2023
Program Director	Kei HIROSE

● **Tokodai Institute for Element Strategy (TIES) adopted by the MEXT Element Strategy Initiative to Form Core Research Center**

TIES is the only facility in Japan funded by the MEXT Element Strategy Initiative to Form Core Research Centers for Electronic Materials. TIES aims to realize useful functions utilizing abundant elements, enhance industrial competitiveness in Japan, and develop alternative and novel functional materials without using rare earth elements.

Term	June 29, 2012 - Mar. 31, 2022
Program Director	Hideo HOSONO

● **Research Center for Earth Inclusive Sensing Empathizing with Silent Voice (EISESiV) adopted by the COI STREAM of MEXT**

EISESiV aims to implement a cycle so as to the problems regarding people, society and the nature through people in low-environmental-load and eco-friendly approach.

Term	Apr. 1, 2018 - Mar. 31, 2022 (Plan)
Project Leader	Toshiyuki HIROI
Research Leader	Hitoshi WAKABAYASHI

Research Groups

As of Jul. 1, 2020

Objective	Name	Program director	Title and affiliation
Realization of Future Continuable Health Society	Research Group for Future Sports and Health Science	Nobuhiro HAYASHI	Associate Professor, School of Life Science and Technology
Study of Signal Processing and Network Technologies for Advanced Radio Systems	Mobile Communications Research Group (MCRG)	Jun-ichi TAKADA	Professor, School of Environment and Society
Development of Computational Drug Discovery Platform for Middle Molecule	Middle Molecule IT-based Drug Discovery Laboratory (MIDL)	Yutaka AKIYAMA	Professor, School of Computing
Innovative ICT Research Involving Material, Device and System Integration	ICT Research Initiative toward Smart Society	Fumio KOYAMA	Professor, Institute of Innovative Research
Promotion of research on data science / artificial intelligence for solving socially important problems	Data Science & Artificial Intelligence Research Group for Social Good	Haruo YOKOTA	Professor, School of Computing
Development of Interdisciplinary Technologies for Symbiotic Ecosystems of Agriculture and Industry	The Innovative Research Project for Symbiotic Ecosystems of Agriculture and Industry	Masayuki YAMAMURA	Professor, School of Computing
Development of FPGA accelerators and FPGA utilization platforms	Adaptive Computing Research Initiative	Kenji KISE	Associate Professor, School of Computing

Corporate Alliances

● Partner corporations

As of May 1, 2020

Corporation name	Date of agreement	Theme
Fujitsu Laboratories Ltd.	Jan. 21, 2004	Information technology
Mitsubishi Chemical Corporation	Jan. 22, 2004	Chemical process and new functional materials
Sumitomo Mitsui Banking Corporation	Oct. 1, 2004	Technology matching
Nippon Telegraph and Telephone Corporation	Sept. 10, 2008	Research and development information and telecommunications
Nomura Research Institute, Ltd.	Sept. 22, 2008	Research and development on service innovation
Hitachi, Ltd.	Jul. 1, 2011	Next-generation technologies for social innovation
Nomura Securities Co., Ltd.	Sept. 1, 2013	Commercialization of research results and intellectual property
Japan Labour Health and Safety Organization, Tokyo Rosai Hospital	Apr. 1, 2014	Cooperation between the medical sciences and engineering to contribute to progress in medicine, science, and industry
TDK Corporation	Jan. 21, 2015	R & D in technologies related to magnets, magnetic materials, functional ceramic materials, and sensors
Komatsu Ltd.	Apr. 1, 2015	Construction machinery required in the future
Connected Solutions Company, Panasonic Corporation	Dec.1, 2017	R & D in high performance computation for scientific applications
Mitsubishi Electric Corporation	Apr. 1, 2018	Research and development of next-generation technologies
Kanagawa Institute of Industrial Science and Technology	Jul. 1, 2018	Research and development of industrial and other technologies
NIPPON STEEL CORPORATION	Oct. 1, 2018	Fundamental scientific research on future iron and steel materials/processes
AGC Inc.	Jun. 26, 2019	Creation of material solutions through technological fusion and enrichment
Japan Airlines Co., Ltd	Oct. 31, 2019	R&D in aviation and airport technology
DENSO Corporation	Apr. 1, 2020	R&D in advanced mobility-related technology
Tokyo Electric Power Company Holdings, Incorporated	Apr. 7, 2020	R&D in technologies related to decommissioning the Fukushima Daiichi Nuclear Power Plant

● Partner corporations to promote industry liaison

Corporation name	Date of agreement	Theme
Innovations and Future Creation Inc.	May. 13, 2016	Promotion and implementation of socially relevant enterprises
Fuyo General lease Co., Ltd. & Innovations and Future Creation Inc.	Oct. 27, 2017	Creation and development of products, services, and enterprises that utilize intellectual property
Kawasaki City	May 21, 2018	Promotion of regional development through innovation
Japan External Trade Organization	May 30, 2018	Globalization of academic research, development of skilled individuals, and industry liaison
THE SEIBU SHINKIN BANK	Jul. 31, 2018	Development of local communities
The Bank of Yokohama,Ltd.	Mar. 6, 2019	Sustainable development/revitalization of local economies
New Energy and Industrial Technology Development Organization	May. 29, 2019	Coordinate and collaborate on entrepreneur support initiatives
Beyond Next Ventures Inc.	Oct. 10, 2019	Coordinate and collaborate on entrepreneur support initiatives

Collaborative Research Programs

As of May 1, 2020

● Collaborative Research Programs

Name	Collaborating corporation	Term	Affiliation	Research theme
Collaborative Research Division for Information Distribution Platform System	NTT Communications Corp.	Apr.1,2010-Mar.31,2022	IIR	Research on Information Distribution Platform System
Toshiba Collaborative Research Division for Smart City Infrastructure	Toshiba Corp.	July.1,2013-June 30,2020	IIR (AES)	Research on Integrated Solutions for Smart City Infrastructure
Center for TDB Advanced Data Analysis and Modeling (TDB-ADAMS)	Teikoku Databank,Ltd.	Oct.31,2014-Mar.31,2021	IIR	Big Data Analysis and Mathematical Modeling of Business
Input Output Cryptocurrency Collaborative Research Chair	Input Output JP KK	Jan.1,2017-Dec.31,2020	Computing	Research on modern decentralized cryptocurrencies
Collaborative Research Division Program on Future Cementitious Materials	Taiheiyō Cement Corp. / Denka Co.,Ltd	Apr.1,2017-Mar.31,2022	Mat. and Chem. Tech.	Cementitious Materials for Sustainable Society
Softbank Mobile Communication Networks Collaboration Research Unit	SoftBank Corp.	Apr.1,2017-Mar.31,2022	Engineering	Research and Development on Next-Generation Mobile Communication Technologies
Real-scale Experimental Mechanics Laboratory	OILES Corp. / KYB Corp. / SWCC SHOWA CABLE SYSTEMS Co.,Ltd / The Japan Iron and Steel Federation / Bridgestone Corp.	Apr.1,2017-Mar.31,2021	IIR	A Study on the World's Largest System for Tri-axial Dynamic Tests
Next-generation AI and Robotics Research Alliance Laboratory	Honda Research Institute Japan Co.,Ltd	June 1,2017-Mar.31,2021	Engineering	Research on next-generation AI, robotics, and transdisciplinary technology
NuFlare Future Technology Laboratory	NuFlare Technology,Inc	Apr.1,2018-Mar.31,2021	IIR	Research on next-generation cutting-edge semiconductor manufacturing equipment
RIVERFIELD Inc. Joint Collaborative Research Laboratory for Advanced Surgical Robots and Systems	RIVERFIELD Inc.	Dec.1,2018-Nov.30,2020	IIR	Study on minimally-invasive surgical robot systems realizing task automation and the fusion of diagnosis and treatment
LG×JXTG Nippon Oil & Energy Smart Materials & Devices Collaborative Research Programs	LG Japan Lab Inc. / JXTG Nippon Oil & Energy Corp.	Apr.1,2019-Mar.31,2021	IIR	Smart Materials & Devices Collaborative Research Programs
RICOH Collaborative Research Programs on Advanced Digital Printing Technology	Ricoh Company, Ltd.	Apr.1,2019-Mar.31,2022	Engineering	Conducting the fundamental research on the core technology of advanced digital printing in order to address the demands of the development and the design criteria of future products
Collaborative Research Program for Next-Generation Device Technology	Sony Corporation	June,1,2019-May,31,2021	Earth Inclusive Sensing Research Organization	Research on next generation device and material technologies for a safe, secure and sustainable society
Collaboration Research Programs for Next-Generation Structure Maintenance	Tokai Passenger Railway Co., Ltd.	Sep,1,2019-Aug,31,2022	School of Environment and Social Science and Engineering	Research on advanced maintenance technologies for civil engineering structures
JTEKT Collaborative Research Laboratory for Innovative Core Technology	JTEKT Co., Ltd.	Apr.1,2020-Mar.31,2023	Engineering	Research on mechanical elements, mechanisms and their mechanical and acoustic characteristics
DENSO IT LAB Recognition and Learning Algorithm Collaborative Research Chair	Denso Itity Laboratory Co., Ltd.	Apr,1,2020-Mar,31,2023	Computing	Research on machine learning algorithms for future mobility
Collaboration Research Programs for Yaskawa Future Technology	Yasukawa Electric Co., Ltd.	Apr,1,2020-Mar,31,2023	Engineering	Research into ultra-light actuators for human collaborative robots
Mitsubishi Electric Corp. Power Electronics Fundamental Technology Joint Research Course	Mitsubishi Electric Corporation	Apr,1,2020-Mar,31,2022	Engineering	Research on Basic and Elemental Technologies of Power Electronics

Note: Engineering: School of Engineering, **Mat. and Chem. Tech.:** School of Materials and Chemical Technology, **Computing:** School of Computing, **Life Sci. and Tech.:** School of Life Science and Technology, IIR: Institute of Innovative Research

Collaborative Research Programs

As of May 1, 2020

● Collaborative Research Clusters

Name	Collaborating corporation	Term	Affiliation	Research theme
Komatsu Collaborative Research Chair	Komatsu Ltd.	Apr.1,2019-Mar.31,2024	IIR	Research on Tribological Technologies in Construction and Mining machinery
Collaborative Research Cluster on AI Proteomics with aiwell Inc.	aiwell Inc.	Apr.5,2019-Apr.4,2022	Life Sci. and Tech.	Research and development on AI Proteomics and its practical implementations
AGC Material Collaborative Research Cluster	AGC Co., Ltd.	July,1,2019-June,30,2022	Mat. and Chem. Tech.	Creation of materials solutions through fusion and strengthening of technological capabilities between Tokyo Tech and AGC
TEPCO Collaborative Research Cluster for Decontamination and Decommissioning(D&D) Frontier Technology Creation	Tokyo Electric Power Company Holdings Co., Ltd.	Apr,1,2020-Mar,31,2025	Institute of Innovative Research	Research on decontamination and decommissioning technologies for Fukushima Daiichi Nuclear Power Plant
Denso Mobility Collaborative Research Cluster	Denso Co., Ltd.	Apr,1,2020-Mar,31,2025	Engineering	Research on mobility-related frontier technology
Idemitsu Kosan Collaborative Research Cluster for Advanced Materials	Idemitsu Kosan Co., Ltd.	Apr,1,2020-Mar,31,2022	Mat. and Chem. Tech.	Research and Development on Advanced Materials

Note: Life Sci. and Tech.: School of Life Science and Technology, IIR: Institute of Innovative Research

FY 2019 Intellectual Property Management

No. of inventions reported	No. of domestic patent applications	No. of licenses and onerous transfers	Value of licenses and onerous transfers (thousand yen)
285	217	177	85,488

Industry Relations

As of May 1, 2020

Number of Certified Tokyo Tech Ventures

Running total of certified ventures	115
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Companies Certified as Tokyo Tech Ventures since FY 2019

Certification No.	Certificated	Company	Summary of business	Type	Founded
116	Mar. 24, 2020	Tokyo Artisan Intelligence Co., Ltd.	Provides AI-powered labor-saving services using Edge AI devices, as well as integrated services related to cloud business installation, operation, and maintenance	1,2	Mar. 3, 2020
115	Mar. 24, 2020	IoM Research Institute, LLC	Carries out R&D of nucleic acid (DNA, RNA) synthesis and amplification methods; produces and sells nucleic acids / Constructs nanostructures through nucleic acid molecule self-organization; performs R&D of molecular manipulation technology using such nanostructures; produces and sells viable molecules / Carries out R&D and production of optical, electronic, and mechanical elements that use nanostructures	1,2	Jun. 11, 2019
114	Mar. 24, 2020	ENTOTSU Co., Ltd.	Provides educational support to help alleviate the emerging human resource shortages in the construction industry; support for organizations as well as for new graduates and mid-career professionals looking for employment	2	Feb. 10, 2020
113	Mar. 24, 2020	Pluto K.K.	Carries out R&D, production and sales of the world's first silver nanoparticle materials / Pursues five goals: 1) high thermostability (250°C or above); 2) low-temperature sintering; 3) robust adhesiveness; 4) high productivity; and 5) low cost	2	May. 31, 2019
112	Mar. 24, 2020	Sigma Energy Co., Ltd.	Develops, manufactures and sells flywheel induction motors for power stabilization devices; also develops, manufactures and sells solar power safety switches / Addresses issues related to emergency responses during natural disasters, fires, and other catastrophes	1,2	Jun. 1, 2018
111	Mar. 24, 2020	Itaku Navi Co., Ltd.	Matches corporations looking for support in finding external resources to resolve in-house issues with engineering companies capable of providing such support / Seeks to become a platform provider for consigned operations in research technology development to promote open innovation using social resources	2	Dec. 3, 2019
110	Dec. 24, 2019	GoMA, Inc.	Develops and operates in-house applications engineered to resolve social issues / Capabilities range from marketing and consulting operations to digital content development, sales, operation, maintenance, and management	2	Dec. 9, 2019
109	Dec. 24, 2019	Creative AI Robotics Co., Ltd.	Develops new materials using Bayesian optimization (artificial intelligence), robotics technology, and "material robotics" R&D common platform technology ("artificial scientist" approach); also provides related consulting services	1,2	Sep. 2, 2019
108	Dec. 24, 2019	N-EM Laboratories Co., Ltd.	Develops electron microscopes, image processing using electron microscopes, and data analysis methods / Leverages artificial intelligence to pursue advances in protein and DNA genome analysis methods and structural analysis methods	1	Feb. 8, 2019
107	Dec. 24, 2019	aiwell Inc.	Carries out collaborative research with Tokyo Tech to create protein comprehensive digital visualizations, and perform trace sample analyses and comparisons of large-volume video data using AI proteomics / Provides services such as diagnostic support and drug discovery support through AI in the absence of subjective symptoms or before conditions grow severe, as well as services supporting remote medical care	1	Jan. 23, 2018
106	Dec. 24, 2019	KIYO Learning Co.,Ltd.	Develops and runs the STUDYing online qualification course using digital technology / Develops and runs the AirCourse employee education cloud service, which is designed for companies seeking more efficient employee training programs	2	Jan. 4, 2010
105	Sep. 26, 2019	Technetta, Inc.	Handles platform development and operation for transactions of intellectual property that universities and other institutions own, and also handles consultation operations regarding intellectual property / Offers consulting on marketing and business strategies, and provides system engineering services	2	Apr. 6, 2018
104	Sep. 26, 2019	digzyme Inc.	Discovers new enzyme genes, targeting the production of rare and useful compound microorganisms; performs R&D to find new methods for assessing degradative enzyme volume in the environment; develops enzymes offering useful functions	1,2	Aug. 26, 2019
103	Sep. 26, 2019	Learn and Make Co., Ltd.	Plans and runs digital skill workshops for children / Plans, manages, and provides operational support for those learning programming and digital skills in elementary schools; plans, develops, and sells learning materials and tools for digital skills for children	1,2	Aug. 21, 2019
102	Sep. 26, 2019	Logomix, Inc.	Plans, develops, and sells synthetic biological-data-analysis software targeting collaborative partner companies (chemical materials manufacturers, food companies, industrial machinery manufacturers, energy-related companies, etc.)	1,2	Jul. 9, 2019
101	Sep. 26, 2019	studystudio, Inc.	Recruits students for private cram schools (match up families and schools); develops and provides teaching materials for cram schools in line with educational reforms; handles staffing services	2	Jul. 25, 2018
100	Sep. 26, 2019	Jlij Inc.	Performs theoretical research in quantum annealing, R&D, and software development for practical applications of annealing machines based on real-world application research / Develops OSS software called OpenJij for the Ising Model(QUBO)	1,2	Nov. 29, 2018
99	Jun. 25, 2019	MedVigilance Inc.	Develops and sells simple wireless electromyographs that evaluate and record electrical activity produced by skeletal muscles ; develops and sells wearable devices that measure vital signs; develops systems and applications related to the products	2	Aug. 10, 2015

Notes: Eligibility to apply for certification

1. The company makes use of either (i) intellectual property owned by Tokyo Tech or by its staff or students or (ii) any outcome or technology resulting from research activities at Tokyo Tech.
2. Current or former Tokyo Tech staff or students who are among the company's founding members or were involved in its founding.

International Collaboration

Overseas Partner Universities

Academic Cooperation Agreements [Institutional-level Agreements] (107 agreements)

Country or region	University / Institute	Concluded	Type of exchange
Asia			
China	Harbin Institute of Technology	1980	F・S・I
	Tsinghua University	1985	F・S・I
	Shanghai Jiao Tong University	1991	F・S・I
	Peking University	1991	F・S・I
	Xi'an Jiaotong University	1991	F・S・I
	Zhejiang University	1993	F・S・I
	Beijing Institute of Technology	1993	F・S・I
	University of Science and Technology of China	1997	F・S・I
	Dalian University of Technology	2006	F・S・I
	Tongji University	2007	F・S・I
	Tianjin University	2007	F・S・I
	The Hong Kong University of Science and Technology	2010	F・S・I
	Southeast University	2013	F・S・I
Cambodia	Institute of Technology of Cambodia	2020	F・S・I
India	Indian Institute of Technology Madras	2015	F・S・I
Indonesia	Bandung Institute of Technology	1988	F・S・I
	University of Indonesia	1992	F・S・I
Korea	Gadjah Mada University	2000	F・S・I
	Korea Advanced Institute of Science and Technology (KAIST)	1986	F・S・I
	Korea Institute of Science and Technology (KIST)	1991	F・I
	Korea University	1992	F・S・I
	Hanyang University	1996	F・S・I
	Yonsei University	2002	F・S・I
	Pohang University of Science and Technology	2003	F・S・I
	Seoul National University	2007	F・S・I
	Sungkyunkwan University	2008	F・S・I
Mongolia	Mongolian University of Science and Technology	2003	F・S・I
	National University of Mongolia	2007	F・S・I
Philippines	De La Salle University	1992	F・S・I
	University of the Philippines	1992	F・S・I
Singapore	National University of Singapore	1991	F・S・I
	Nanyang Technological University	2009	F・S・I
	Singapore University of Technology and Design	2016	F・S・I
Taiwan	National Cheng Kung University	1997	F・S・I
	National Tsing Hua University	1998	F・S・I
	National Taiwan University	1999	F・S・I
	National Chiao Tung University	2004	F・S・I
	National Central University	2007	F・S・I
	National Taiwan University of Science and Technology	2018	F・S・I
Thailand	Chulalongkorn University	1985	F・S・I
	Thammasat University	1996	F・S・I
	Kasetsart University	1996	F・S・I
	National Science and Technology Development Agency (NSTDA)	2001	F・S・I
	King Mongkut's Institute of Technology Ladkrabang	1992	F・S・I
	King Mongkut's University of Technology North Bangkok	2005	F・S・I
	King Mongkut's University of Technology Thonburi	2007	F・S・I
	Asian Institute of Technology	2005	F・S・I
	TAIST- Tokyo Tech	2006	F・S・I
Vietnam	United Nations Educational, Scientific and Cultural Organization (UNESCO Bangkok)	2015	F・S・I
	Hanoi University of Science and Technology	1995	F・S・I
	VNU University of Science	1995	F・S・I
Egypt	Ho Chi Minh City University of Technology	2012	F・S・I
Middle East			
Turkey	Middle East Technical University	1992	F・S・I
	Boğaziçi University	1998	F・S・I
	Istanbul Technical University	2012	F・S・I
Africa			
Egypt	Egypt-Japan University of Science and Technology (E-JUST)	2015	F・S・I

Country or region	University / Institute	Concluded	Type of exchange
Oceania			
Australia	The University of Melbourne	1994	F・S・I
North America			
Canada	University of Waterloo	2006	F・S・I
	The University of British Columbia	2013	F・S・I
U.S.A.	University of Washington	1974	F・S・I
	University of Wisconsin-Madison College of Engineering	1992	F・S・I
	Georgia Institute of Technology	2001	F・S・I
	University of California, Berkeley	2012	F・S・I
	University of Minnesota	2013	F・S・I
	University of California, Santa Barbara	2014	F・S・I
	Rice University	2015	F・S・I
Central and South America			
Brazil	University of São Paulo	1991	F・S・I
Europe			
Austria	TU Wien	2015	F・S・I
Belgium	Ghent University	1992	F・S・I
Denmark	Technical University of Denmark	1992	F・S・I
Finland	Aalto University	1995	F・S・I
	Lappeenranta-Lahti University of Technology	1999	F・S・I
France	ParisTech**	2007	F・S・I
	École Nationale des Ponts et Chaussées (École des Ponts ParisTech)*	1992	F・S・I
	École Nationale Supérieure d'Arts et Métiers (Arts et Métiers ParisTech)*	2002	F・S・I
	École Nationale Supérieure des Mines de Paris (Mines ParisTech)*	2007	F・S・I
	École Polytechnique*	2019	F・S・I
	École d'Architecture de Paris la Villette	2000	S
	University of Rennes 1	2002	F・S・I
	University of Strasbourg	2004	F・S・I
	Grenoble Institute of Technology (Grenoble INP)	2019	F・S・I
Germany	Technical University of Munich	1982	F・S・I
	University of Stuttgart	1992	F・S・I
	Leibniz University Hannover	2004	F・S・I
	RWTH Aachen University	2007	F・S・I
	Technische Universität Berlin	2008	F・S・I
Italy	University of Bologna	1997	F・S・I
	Politecnico di Milano	2002	F・S・I
	University of Trento	2017	F・S・I
Netherlands	Delft University of Technology	2009	F・S・I
Norway	Norwegian University of Science and Technology	1993	F・S・I
Russia	National Research Nuclear University MEPhI	1993	F・S・I
	M.V.Lomonosov Moscow State University	2019	F・S・I
Sweden	KTH Royal Institute of Technology	1991	F・S・I
	Chalmers University of Technology	1992	F・S・I
	Linköping University	2008	F・S・I
	Uppsala University	2018	F・S・I
Switzerland	Swiss Federal Institute of Technology, Zurich (ETH Zurich)	1978	F・S・I
	École Polytechnique Fédérale de Lausanne (EPFL)	2011	F・S・I
	University of Zurich	2007	F・S・I
	University of Geneva	2015	F・S・I
U.K.	University of Strathclyde	1993	F・S・I
	Churchill College, Cambridge	2001	F・I
	Durham University	2010	F・S・I
	Imperial College London	2016	F・S・I
	University of York	2016	F・S・I
Consortium	ASPIRE League	2010	F・S・I

[Type of Exchange] F: Faculty and researcher exchange, S: Student exchange
I: Academic information exchange
Notes: * French "grandes écoles" (advanced higher education institutions)
** Institution created by the grandes écoles of science and technology in Paris. (7 institutions)

Academic Cooperation Agreements [School-level Agreements] (128 agreements)

Country or region	University / Institute (School)	Tokyo Tech Counterpart									Concluded	Type of exchange	
		Science	Engineering	Mat. and Chem. Tech.	Computing	Life Sci. and Tech.	Envir. and Society	ILA	IIR	Centers			
		Asia											
China	University of Science and Technology, Beijing		○	○			○					1980	F・I
	Tsinghua University (Institute of Science, Technology and Society)						○	○				2001	F・I
	Beijing Normal University (College of Water Sciences)						○					2011	F・S・I
	Shanghai Jiao Tong University (School of Life Sciences and Biotechnology)					○						2011	S
	Nanjing University (Graduate School)		○	○			○					2012	F・S・I
	Tongji University (College of Civil Engineering)						○					2014	S・I
	Beihang University (School of Materials Science and Engineering, School of Electronic and Information Engineering, School of Automation Science and Electrical Engineering, School of Mechanical Engineering and Automation, School of Economics and Management, School of Transportation Science and Engineering, School of Physics and Nuclear Energy Engineering, School of Chemistry)		○	○			○					2014	F・S・I
	South China University of Technology (School of Architecture)						○					2016	F・S・I
	Wuhan University of Technology (State Key Laboratory of Advanced Technology for Materials Synthesis and Processing)					○						2016	F・S・I
	Wuhan University of Technology (School of International Education)		○	○			○					2017	S
	Southeast University (School of Architecture), and East China Architectural Design & Research Institute						○					2016	S・I
	Zhejiang University (The College of Information Science and Electronic Engineering)		○									2018	S
	India	Indian Institute of Technology Guwahati (Department of Physics)	○										2017
Council of Scientific & Industrial Research, India									○			2018	F・I
Indonesia	Indonesian National Atomic Energy Agency								○			1997	F・I
	Ahmad Dahlan University (Faculty of Pharmacy)	○							○			2016	F・S・I
	Bandung Institute of Technology (National Center for Sustainable Transportation Technology)						○					2018	I
Korea	Inha University (Department of Chemical Engineering, College of Engineering)		○	○			○					2000	F・S・I
	Chungnam National University (Department of Architectural Engineering, College of Engineering)		○	○			○					2012	F・S・I
	Korea Institute of Industrial Technology (Technical Textile & Materials R&BD Group, Research Institute of Industrial Technology Convergence)			○								2012	F・S・I
	Korea Advanced Institute of Science and Technology (KAIST) (Department of Mechanical Engineering)		○									2016	S*
Malaysia	Universiti Tenaga Nasional (College of Engineering, and College of Graduate Studies)		○	○			○					2012	F・S・I
	Universiti Sains Malaysia (School of Biological Sciences)					○						2018	F・S・I
	University of Malaya		○	○		○	○					2018	F・S・I
Philippines	De La Salle University (Chemical Engineering Department, College of Engineering)		○	○			○					2005	F・S・I
	Technological University of the Philippines (Graduate Programs and External Studies, College of Engineering, College of Science, College of Industrial Technology)		○	○			○					2010	F・S・I
Singapore	Singapore University of Technology and Design		○	○			○					2019	S
Taiwan	National Taiwan University (College of Engineering, and College of Electrical Engineering and Computer Science)		○	○			○					2011	S
	National Taiwan University (National Center for Theoretical Sciences Division)									GSIC		2020	F・S・I
	National Taiwan University of Science and Technology (College of Engineering)		○	○			○					2015	F・S・I
	National Taiwan University of Science and Technology (College of Electrical Engineering and Computer Science)		○	○			○					2015	F・S・I
	National Taiwan University of Science and Technology (College of Engineering, College of Electrical Engineering & Computer Science, College of Applied Sciences)		○	○			○					2018	S

Note: Science: School of Science, Engineering: School of Engineering, Mat. and Chem. Tech.: School of Materials and Chemical Technology, Computing: School of Computing, Life Sci. and Tech.: School of Life Science and Technology, Envir. and Society: School of Environment and Society, ILA: Institute for Liberal Arts, IIR: Institute of Innovative Research, GSIC: Global Scientific Information and Computing Center, CITL: Center for Innovative Teaching and Learning
[Type of Exchange] F: Faculty and researcher exchange, S: Student exchange, S*: Double Degree, I: Academic information exchange

Overseas Partner Universities

As of May 1, 2020

Academic Cooperation Agreements [School-level Agreements] (128 agreements)

Country or region	University / Institute (School)	Tokyo Tech Counterpart									Concluded	Type of exchange
		Science	Engineering	Mat. and Chem. Tech.	Computing	Life Sci. and Tech.	Envir. and Society	ILA	IIR	Centers		
Asia												
Taiwan	National Chiao Tung University (International College of Semiconductor Technology)		○								2017	S*
	National Chiao Tung University (College of Engineering)								○		2017	F
	National Chiao Tung University (College of Engineering)			○							2018	I
	National Chiao Tung University (College of Science)								○		2019	F・S・I
	National Chiao Tung University (College of Engineering)			○							2020	S*
	Industrial Technology Research Institute (Electronic and Optoelectronic System Research Laboratories)								○		2017	F・I
	National Applied Research Laboratories (National Center for Research on Earthquake Engineering)						○				2018	F・I
	National Cheng Kung University (College of Engineering)		○	○			○				2018	S
Thailand	Thammasat University (Chemical Engineering Department, Faculty of Engineering)		○	○			○				2006	F・S・I
	Thammasat University (Faculty of Engineering)		○	○			○				2018	S
	Chiang Mai University (Faculty of Engineering)		○	○			○				2012	F・S・I
	Synchrotron Light Research Institute		○								2018	F・I
Vietnam	Vietnam Atomic Energy Commission								○		1999	F・I
	VNU University of Science (Faculty of Physics)								○		2003	F・S・I
Middle East												
Saudi Arabia	King Abdullah University of Science and Technology (Extreme Computing Research Center)									GSIC	2017	F・S・I
Iran	University of Tehran (College of Engineering)		○	○			○				2018	F・S・I
Oceania												
Australia	RMIT University (School of Architecture and Urban Design)						○				2018	F・S・I
	Australian National University (ANU College of Engineering and Computer Science)		○	○			○				2018	F・S・I
New Zealand	The University of Auckland (Faculty of Engineering)		○	○			○				2018	F・S・I
North America												
Canada	McGill University / Royal Institution for the Advancement of Learning			○							2018	F・I
U.S.A.	Massachusetts Institute of Technology (Department of Mechanical Engineering)		○	○			○				1991	F・S・I
	Massachusetts Institute of Technology (Center for Advanced Nuclear Energy Systems)								○		2006	F・I
	Massachusetts Institute of Technology (Department of Nuclear Science and Engineering)		○	○			○				2019	S
	Rice University (Richard E. Smalley Institute for Nanoscale Science & Technology)	○									2008	F・S・I
	The Pennsylvania State University (College of Earth and Mineral Sciences)			○							2009	S
	The Pennsylvania State University (College of Engineering)		○	○			○				2018	S・I
	University of Wisconsin-Madison (College of Engineering)		○	○			○				2010	S
	Northwestern University (Department of Civil and Environmental Engineering)						○				2012	F・S・I
	University of California, Santa Barbara (College of Engineering)		○	○			○				2014	S
	University of California, Berkeley (Center for Teaching and Learning, and Educational Technology Services)									CITL	2016	F・I
	Princeton University (Princeton Institute for Computational Science & Engineering)									GSIC	2016	F・S・I
	State University of New York at Stony Brook (Institute for Advanced Computational Science)	○									2017	F・S・I
	Cornell University (College of Engineering, Department of Materials Science and Engineering)			○							2018	F・S・I
	Georgia Institute of Technology (The Center for 21st Century Universities)								CITL	2018	F・I	
Europe												
Czech	Centrum vyzkumu Řež s.r.o.(CVR)								○		2019	F・I
Denmark	The Royal Danish Academy of Fine Arts (School of Architecture)						○				2017	F・S・I

Country or region	University / Institute (School)	Tokyo Tech Counterpart									Concluded	Type of exchange	
		Science	Engineering	Mat. and Chem. Tech.	Computing	Life Sci. and Tech.	Envir. and Society	ILA	IIR	Centers			
Europe													
France	École National des Ponts et Chaussées (École des Ponts ParisTech)		○	○			○				2010	S*	
	UPMC (now Sorbonne University)		○	○			○				2012	S	
	Sorbonne University (Faculty of Sciences and Engineering)		○	○			○				2019	F・S・I	
	Aix-Marseille Université-CNRS (Team H2M, PIIM Laboratory)							○			2012	F・I	
	The Université Paris-Sud (The Light-Matter Federation (LUMAT))							○			2012	F・I	
	Grenoble Institute of Technology (Grenoble INP)		○	○			○				2012	F・S・I	
	The National Laboratory for Metrology and Testing (LNE)			○							2016	F・S・I	
	EMLYON Business School						○				2017	F・S・I	
	University of Nantes (Faculty of Sciences and Technology)			○							2017	F・S・I	
	ONERA			○							2018	F・S	
École Polytechnique		○	○			○				2006	S		
Germany	Ludwig-Maximilians-Universität München (Human Science Center and Institute of Medical Psychology)				○						2001	F・S・I	
	RWTH Aachen University (Faculty of Mathematics, Computer Science and Natural Sciences, Faculty of Civil Engineering, Faculty of Mechanical Engineering, Faculty of Georesources and Materials Engineering, Faculty of Electrical Engineering and Information Technology)		○	○			○				2012	S	
	RWTH Aachen University (Institute of Textile Technology)		○	○			○				2015	F・S・I	
	Hamburg University of Technology (Faculty of Management Sciences and Technology)						○				2012	F・S・I	
	German Aerospace Center (DLR)			○							2016	F・S・I	
	The Helmholtz-Zentrum Dresden - Rossendorf e. V. (HZDR)							○			2018	F・S・I	
	Max Planck Institute for Polymer Research (Department of Physics at Interfaces)			○							2018	F・S・I	
	Technical University Darmstadt (Department of Physics)	○									2020	F・S・I	
Iceland	Reykjavik University (School of Computer Science)				○						2014	F・S・I	
Italy	University of Messina (Department of Engineering)								○		2013	F・I	
	University of Genoa (Polytechnic School)			○							2016	F・S・I	
	Consiglio Nazionale delle Ricerche (Institute of Condensed Matter Chemistry and Technologies for Energy)			○							2016	F・S・I	
Kazakhstan	Al-Farabi Kazakh National University (Chemistry Faculty)		○	○			○				2006	F・S・I	
	Kazakh-British Technical University (Faculty of Energy and Oil and Gas Industry)		○	○			○				2006	F・S・I	
Lithuania	Vilnius University (Life Science Center)					○					2019	F・S・I	
Netherlands	Leiden University (Faculty of Science)	○									2012	F・S・I	
	Delft University of Technology (QuTech)								○		2017	F・S・I	
Norway	NJARC:Norwegian University of Science and Technology (NTNU) (Faculty of Natural Sciences and Technology; Hydro Aluminium R&D Center; SINTEF AS by its institute SINTEF Industry; University of Toyama; Kyushu University; Japan Aluminium Association; Toyama Aluminium Industry Association			○							2016	S・I	
Poland	University of Warsaw (Faculty of Chemistry)			○							2016	F・S・I	
Russia	Boraskov Institute of Catalysis								○		2008	F・I	
	Lomonosov Moscow State University (Faculty of Biotechnology)					○					2018	F・S・I	
	Lomonosov Moscow State University (Faculty of Chemistry)					○					2018	F・S・I	
	Lomonosov Moscow State University (Faculty of Bioengineering and Bioinformatics)					○					2019	F・S・I	
Serbia	University of Belgrade (Vinca Institute of Nuclear Sciences)								○		2011	F・I	
Slovenia	University of Ljubljana (Faculty of Arts)		○	○			○				2007	F・S・I	
Spain	The Technical University of Madrid		○	○			○				2010	F・S・I	
	The Technical University of Madrid		○	○			○				2012	S	
	Universitat Politècnica de València									CITL	2018	F・I	

Note: **Science**: School of Science, **Engineering**: School of Engineering, **Mat. and Chem. Tech.**: School of Materials and Chemical Technology, **Computing**: School of Computing, **Life Sci. and Tech.**: School of Life Science and Technology, **Envir. and Society**: School of Environment and Society, **ILA**: Institute for Liberal Arts, **IIR**: Institute of Innovative Teaching and Learning and Computing Center, **CITL**: Center for Innovative Teaching and Learning
[Type of Exchange] **F**: Faculty and researcher exchange, **S**: Student exchange, **S***: Double Degree, **I**: Academic information exchange

International Collaboration

Overseas Partner Universities

As of May 1, 2020

Academic Cooperation Agreements [School-level Agreements] (128 agreements)

Country or region	University / Institute (School)	Tokyo Tech Counterpart									Concluded	Type of exchange
		Science	Engineering	Mat. and Chem. Tech.	Computing	Life Sci. and Tech.	Envir. and Society	ILA	IIR	Centers		
Europe												
Sweden	Luleå University of Technology (Faculty of Engineering)		○	○			○				2012	F・S・I
	Jönköping University (Materials and Manufacturing, School of Engineering)			○							2016	F・S・I
	Karlstad University (Faculty of Health, Science and Technology)		○	○			○				2018	F・S・I
	Karlstad University (Faculty of Health, Science and Technology)		○	○			○				2018	S
U.K.	University of Cambridge (Department of Engineering)		○	○			○				2005	S
	University of Cambridge (Department of Chemistry)		○	○			○				2008	S
	University of Oxford (Department of Engineering Science)		○	○			○				2006	S
	University of Oxford (Department of Chemistry)		○	○			○				2008	S
	University of Oxford (Department of Materials)		○	○			○				2008	S
	University of Warwick (School of Engineering)		○	○			○				2007	S
	The University of Manchester (Photon Science Institute, and School of Chemistry)								○		2011	F・S・I
	The University of Manchester (Faculty of Science & Engineering)		○	○			○				2018	F・S・I
	University of Southampton		○	○			○				2011	S
	University of Glasgow (College of Science and Engineering)		○	○			○				2018	F・S・I
	University of the Arts London, Central Saint Martins		○	○			○				2019	F・S・I
	University of Bristol (South West Nuclear Hub), Kyoto University (The Institute for Integrated Radiation and Nuclear Science)								○		2020	F・S・I
Multi-Region												
UT-Battelle, LLC; Swiss Federal Institute of Technology, Zurich (ETH Zurich)										GSIC	2016	F・I
Program-/Project-based Consortium												
Asia-Oceania Top University League of Engineering (AOTULE)			○	○			○				2007	F・S・I
MaMaSELF+ (under Erasmus Mundus)		○		○					○		2017	S
Generation IV International Forum (Collaboration on Lead-Cooled Fast Reactor Nuclear Energy System): JRC, European Commission; ROSATOM; Seoul National University; United States Department of Energy									○		2010	F・I
Integration of Pool scrubbing Research to Enhance Source-term Calculations (IPRESCA) organized by Becker Technologies GmbH									○		2018	F・S・I

Note: **Science:** School of Science, **Engineering:** School of Engineering, **Mat. and Chem. Tech.:** School of Materials and Chemical Technology, **Computing:** School of Computing, **Life Sci. and Tech.:** School of Life Science and Technology, **Envir. and Society:** School of Environment and Society, **ILA:** Institute for Liberal Arts, **IIR:** Institute of Innovative Research, **GSIC:** Global Scientific Information and Computing Center, **CITL:** Center for Innovative Teaching and Learning
[Type of Exchange] F: Faculty and researcher exchange, S: Student exchange, S': Double Degree, I: Academic information exchange

Tokyo Tech ANNEXes and Overseas Offices

As of May 1, 2020

Tokyo Tech ANNEX

Name	Location / Area	Establishment
Tokyo Tech ANNEX Bangkok	Pathum Thani, Thailand	2018 (succeeds Tokyo Tech Thailand Office, est. 2002)
Tokyo Tech ANNEX Aachen	Aachen, North Rhine-Westphalia, Germany	2019

Overseas Offices

Name	Location / Area	Establishment
Tokyo Tech Philippines Office	Manila, the Philippines	2005
Tokyo Tech China Office	Beijing, China	2006
Tokyo Tech Egypt E-JUST Office	Alexandria, Egypt	2014

Financial Data

Budget FY2020

Revenue

Category	Amount (million yen)	%	Category	Amount (million yen)	%
Institute-wide	28,801	57.2	Operating grants	19,292	38.3
			Institute revenue (tuition and fees)	7,420	14.7
			Indirect expenses	2,089	4.2
Schools	1,163	2.3	Indirect expenses	1,163	2.3
Specified contributions	20,415	40.5	Commissioned projects	14,976	29.7
			Facility subsidies	1,935	3.8
			Operating grants	2,154	4.3
			Long-term loan	1,350	2.7
Total			50,379	100.0	

Commissioned projects

○Donations for research

797

○Grants for commissioned research & projects

5,977

○Grants for collaborative research

1,859

○Grants for research

6,343

million yen

○Subsidies for functional enhancement

1,193

○Subsidies for specific reasons
(incl. retirement allowance)

961

Expenditure

Category	Amount (million yen)	%	Category	Amount (million yen)	%
Institute-wide	28,801	57.2	Personnel	16,807	33.4
			Fundamental education and research for Schools	9,076	18.0
			Discretionary expenses by the president	1,512	3.0
			Utility	1,406	2.8
Schools	1,163	2.3	Indirect expenses	1,163	2.3
Specified contributions	20,415	40.5	Commissioned projects	14,976	29.7
			Facilities maintenance	1,935	3.8
			Operating grants	2,154	4.3
			Preparatory work for relocation for which funds (long-term loans) have been appropriated	1,350	2.7
Total				50,379	100.0

Commissioned projects

○Research donations

797

○Commissioned research & projects

5,977

○Collaborative research expenses

1,859

○Grants for research

6,343

million yen

○Subsidies for functional enhancement

1,193

○Subsidies for specific reasons
(incl. retirement allowance)

961

million yen

Financial Data

Financial Summary FY2019

Balance sheet

As of March 31, 2020

Assets	Amount (million yen)	Liabilities	Amount (million yen)
Fixed assets	204,043	Fixed liabilities	24,799
Tangible fixed assets	199,335	Assets offsetting liabilities	23,262
Land	138,965	Other noncurrent liabilities	1,536
Accumulated impairment loss	(5)	Current Liabilities	21,289
Buildings	96,799	Operating grants received	2,584
Accumulated depreciation	(55,902)	Donations received	10,688
Structures	6,697	Commissioned research funds received	616
Accumulated depreciation	(4,623)	Collaborative research funds received	1,068
Equipment	61,572	Commissioned projects funds received	113
Accumulated depreciation	(53,512)	Accounts payable	3,611
Construction in progress	1,459	Other current liabilities	2,607
Other tangible fixed assets	7,885	Total liabilities	46,089
Intangible fixed assets	552	Net assets	Amount (million yen)
Investments and other assets	4,155	Capital stock	179,444
Investments in securities	3,307	Government investment	179,444
Long-term deposits	835	Capital surplus	(6,614)
Investments and other assets	12	Capital surplus	49,257
		Accumulated depreciation not included in profit and loss statement(-)	(55,871)
Current assets	16,532	Earned surplus	1,656
Cash and cash equivalents	12,492	Surplus carried forward from the previous period for the mid-term objectives	341
Marketable securities	2,807	Reseves for specific purposes	1,060
Other current assets	1,231	Reserves	16
		Unappropriated retained earnings	237
Total assets	220,575	Total net assets	174,486
		Total liabilities and net assets	220,575

Note: Fractional amounts less than one million yen are omitted.

Income statement

April 1, 2019 - March 31, 2020

Account	Amount (million yen)
Ordinary expenses (A)	46,409
Operating expenses	43,490
Expenses for education	3,239
Expenses for research	5,368
Expenses for education and research support	3,733
Expenses for commissioned research	6,615
Expenses for collaborative research	2,324
Expenses for commissioned projects	412
Executive salaries & remuneration	112
Faculty salaries & remuneration	14,148
Administrative staff salaries & remuneration	7,534
General and administrative expenses	2,767
Financial expenses	48
Miscellaneous losses	103
Ordinary revenues (B)	46,638
Operational grants	20,476
Tuition and fees	5,697
Grants for commissioned research	8,069
Grants for collaborative research	3,104
Grants for commissioned projects	472
Donations	1,173
Grants	1,888
Subsidy for facilities	21
Other	5,733
Extraordinary profit and loss (C)	8
Reversal of reserve for specific purposes (D)	0
Gross profit (B-A+C+D)	237

Note: Fractional amounts less than one million yen are omitted.

FY2019 external funds

Name	Number of projects	Research funds (thousand yen)
Donations for education and research	582	1,191,368 (71,530)
Sponsored research	444	7,695,827 (1,371,778)
Commissioned projects	57	300,877 (14,764)
Collaborative research	742	3,115,829 (710,789)
Grants-in-Aid for Scientific Research	1,038	4,734,154 (1,048,208)
Other	62	2,970,146 (182,218)
Total	2,925	20,008,201 (3,399,287)

Note: Figures in parentheses represent overhead costs included in the research fund.

FY2019 Tokyo Tech Fund

Gifts	Total amount received (thousand yen)
3,003	307,841

Grants-in-Aid for Scientific Research FY 2019

Area of research	Number of projects	Research funds (thousand yen)
Grant-in-Aid for Specially Promoted Research	2	258,310 (59,610)
Grant-in-Aid for Scientific Research on Innovative Areas (Research in a proposed research area)	80	1,008,579 (226,089)
Grant-in-Aid for Scientific Research (S)	13	486,000 (110,040)
Grant-in-Aid for Scientific Research (A)	73	805,951 (183,531)
Grant-in-Aid for Scientific Research (B)	220	1,145,650 (261,390)
Grant-in-Aid for Scientific Research (C)	212	275,340 (63,540)
Grant-in-Aid for Challenging Exploratory Research		
Challenging Research (Pioneering)	8	72,800 (16,800)
Challenging Research (Exploratory)	68	166,400 (38,400)
Grant-in-Aid for Young Scientists	115	188,370 (43,470)
Grant-in-Aid for Young Scientists (A)	14	66,100 (15,030)
Grant-in-Aid for Young Scientists (B)	32	33,605 (7,755)
Grant-in-Aid for Research Activity Start-up	31	40,009 (9,233)
Grant-in-Aid for Encouragement of Scientists		
Grant-in-Aid for Publication of Scientific Research Results	2	720 (0)
Grant-in-Aid for JSPS Research Fellow	163	153,950 (5,850)
Fund for the Promotion of Joint International Research (Fostering Joint International Research (A))	1	15,210 (3,510)
Fund for the Promotion of Joint International Research (Fostering Joint International Research (B))	4	17,160 (3,960)
Fund for the Promotion of Joint International Research (International Activities Supporting Group)		
Total	1,038	4,734,154 (1,048,208)

Notes: 1) Figures in parentheses represent overhead costs included in the research fund.
2) JSPS stands for the Japan Society for the Promotion of Science.

Campuses

Access

Access

Ookayama Campus

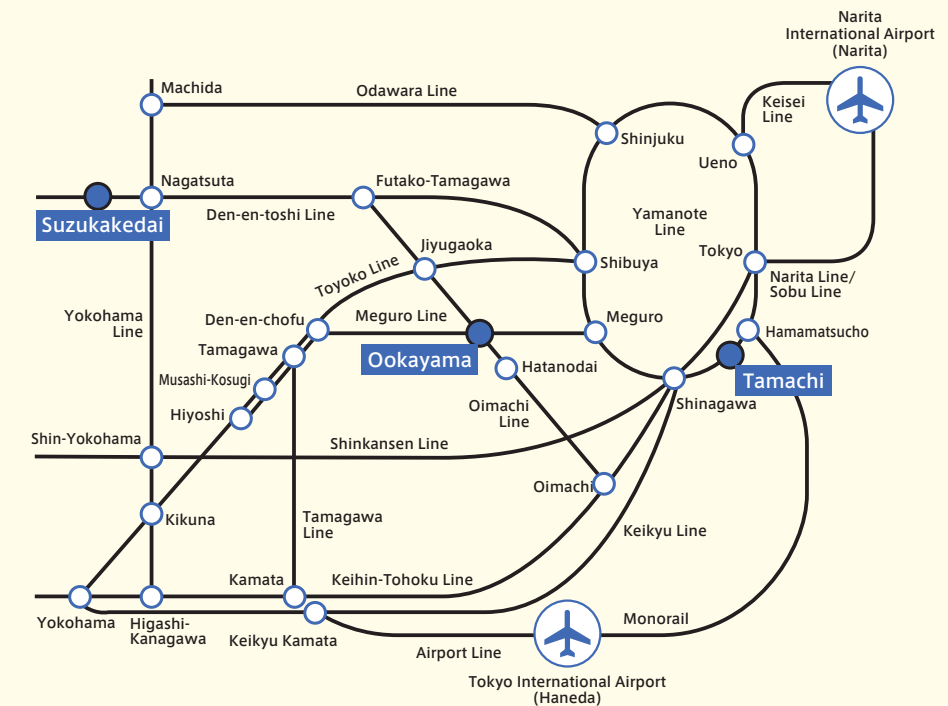
- 1-minute walk from Ookayama Station on the Tokyu Oimachi & Tokyu Meguro Lines
- 85 minutes from Narita Airport
- 55 minutes from Haneda Airport
- 30 minutes from Tokyo Station

Suzukakedai Campus

- 5-minute walk from Suzukakedai Station on the Tokyu Den-en-toshi Line
- 130 minutes from Narita Airport
- 70 minutes from Haneda Airport
- 70 minutes from Tokyo Station

Tamachi Campus

- 2-minute walk from Tamachi Station on the JR Yamanote & Keihin-Tohoku Lines
- 65 minutes from Narita Airport
- 35 minutes from Haneda Airport
- 10 minutes from Tokyo Station



Tokyo Tech Facilities

Location/Area	Facilities	Address	Transportation	Details
Ookayama	Ookayama Campus School of Science, School of Engineering, School of Materials and Chemical Technology, School of Computing, School of Life Science and Technology, School of Environment and Society, Institute for Liberal Arts, Institute of Innovative Research (Laboratory for Advanced Nuclear Energy), Administration Bureau	2-12-1 Ookayama, Meguro-ku, Tokyo 152-8550	Tokyu Oimachi & Tokyu Meguro Lines Approx. 1-minute walk from Ookayama Station	
	Tokyo Institute of Technology International House	1-1-18 Ishikawa-cho, Ota-ku, Tokyo 145-0061	Tokyu Oimachi & Tokyu Meguro Lines Approx. 13-minute walk from Ookayama Station Tokyu Ikegami Line Approx. 6-minute walk from Ishikawadai Station	
Suzukakedai	Suzukakedai Campus Institute of Innovative Research (Laboratory for Future Interdisciplinary Research of Science and Technology, Laboratory for Materials and Structures, Laboratory for Chemistry and Life Science)	4259 Nagatsuta-cho, Midori-ku, Yokohama, Kanagawa Prefecture 226-8503	Tokyu Den-en-toshi Line Approx. 5-minute walk from Suzukakedai Station	
Tamachi	Tamachi Campus Tokyo Tech High School of Science and Technology	3-3-6 Shibaura, Minato-ku, Tokyo 108-0023	JR Yamanote Line & Keihin-Tohoku Line Approx. 2-minute walk from Tamachi Station	
Matsukazedai	Shofu Gakusha Dormitory	21-13 Matsukazedai, Aoba-ku, Yokohama, Kanagawa Prefecture 227-0067	Tokyu Den-en-toshi Line Approx. 10-minute walk from Aobadai Station	
Umegaoka	Umegaoka Dormitory	17-2 Umegaoka, Aoba-ku, Yokohama, Kanagawa Prefecture 227-0052	Tokyu Den-en-toshi Line Approx. 15-minute walk from Fujigaoka Station	
Toda	Toda Boat House	1-55 Toda-Koen, Toda-shi, Saitama Prefecture 335-0024	From Toda Koen Station on the JR Saikyo Line Approx. 15-minute walk	Capacity 30 persons
Enzan	Yanagisawa-Toge Mountain Hut	2319-1 Aza-Namezawa, Oaza-Oyashiki, Enzan, Koshu-shi, Yamanashi Prefecture 402-0211	From Enzan Station on JR Chuo Line Approx. 20 km	Capacity 40 persons
Kusatsu	Kusatsu-Shirane Volcano Observatory	641-36 Kusatsu, Kusatsu-cho, Agatsuma-gun, Gunma Prefecture 377-1711	From Naganohara Kusatsuguchi Station on the JR Agatsuma Line Approx. 30-minute walk from Kusatsu Onsen Station on JR Bus	

Campus Map

Ookayama Campus



Ishikawadai Area

- 1

Ishikawadai Bldg. 1
- 2

Ishikawadai Bldg. 2
- 3

Ishikawadai Bldg. 3
- 4

Ishikawadai Bldg. 4
- 5

Ishikawadai Bldg. 5
- 6

Ishikawadai Bldg. 6
- 7

Ishikawadai Bldg. 7 (ELSI-1)
- 8

Ishikawadai Bldg. 8 (ELSI-2)
- 9

Ishikawadai Bldg. 9
- 10

Ishikawadai Lab Bldg. 1
- 11

International House

Ookayama South Area

- 1

South Bldg. 1
- 2

South Bldg. 2
- 3

South Bldg. 3
- 4

South Bldg. 4
- 5

South Bldg. 5
- 6

South Bldg. 6
- 7

South Bldg. 7
- 8

South Bldg. 8
- 9

South Bldg. 9
- 10

South Lecture Bldg.
- 11

South Lab Bldg. 1
- 12

South Lab Bldg. 2
- 13

South Lab Bldg. 3
- 14

South Lab Bldg. 4
- 15

South Lab Bldg. 5
- 16

New Extracurricular Bldg. 1 (under construction)

Ookayama West Area

- 1

West Bldg. 1
- 2

West Bldg. 2
- 3

West Bldg. 3
- 4

West Bldg. 4
- 5

West Lecture Bldg. 1 (Lecture Theatre)
- 6

West Lecture Bldg. 2
- 7

West Bldg. 7
- 8

West Bldg. 8W
- 9

West Bldg. 8E
- 10

West Bldg. 9
- 11

Environmental Safety Management Bldg.
- 12

70th Anniversary Auditorium
- 13

Sports Center
- 14

Student Hall & Cafeteria
- 15

Extracurricular Bldg. 1
- 16

Extracurricular Bldg. 2
- 17

Extracurricular Bldg. 3
- 18

New Extracurricular Bldg. 3 (under construction)
- 19

Extracurricular Bldg. 4

Ookayama East Area

- 1

Main Bldg.
- 2

Main Bldg. Lecture Halls
- 3

Administration Bureau Bldgs. 1&2
- 4

Administration Bureau Bldg. 3
- 5

Administration Bureau Bldg. 4
- 6

Administration Bureau Bldg. 5
- 7

Global Scientific Information and Computing Center
- 8

Hisao & Hiroko Taki Plaza
- 9

Institute Library
- 10

Centennial Hall
- 11

East Bldg. 1
- 12

East Bldg. 2

Ookayama North Area

- 1

North Bldg. 1
- 2

North Bldg. 2
- 3

North Bldg. 3
- 4

North Lab Bldg. 1
- 5

North Lab Bldg. 2A
- 6

North Lab Bldg. 2B
- 7

North Lab Bldg. 3A
- 8

North Lab Bldg. 3B
- 9

North Lab Bldg. 4
- 10

North Lab Bldg. 5
- 11

North Lab Bldg. 6
- 12

North Lab Bldg. 7
- 13

North Lab Bldg. 8
- 14

Health Support Center
- 15

80th Anniversary Hall
- 16

Extracurricular Bldg. 5
- 17

Extracurricular Bldg. 6
- 18

Tokyo Tech Front

Midorigaoka Area

- 1

Midorigaoka Bldg. 1
- 2

Midorigaoka Bldg. 2
- 3

Midorigaoka Bldg. 3
- 4

Midorigaoka Bldg. 4
- 5

Midorigaoka Bldg. 5
- 6

Midorigaoka Bldg. 6
- 7

Midorigaoka Lecture Bldg.
- 8

Midorigaoka House

Campus Map

Suzukakedai Campus

B-Area

- 1 B1-B2 Bldg.
- 2 B1-B2 Annex A
- 3 B1-B2 Annex B
- 4 B1-B2 Annex C

S-Area

- 1 S1 Bldg.
- 2 S2 Bldg.
- 3 S3 Bldg. (Suzukakedai Library)
- 4 S4 Bldg.
- 5 S5 Bldg.
- 6 S6 Bldg.
- 7 S7 Bldg.
- 8 S8 Bldg.

R-Area

- 1 R1 Bldg.
- 2 R1 Annex A
- 3 R1 Annex B
- 4 R2 Bldg.
- 5 R2 Annex A
- 6 R2 Annex B
- 7 R2 Annex C
- 8 R2 Annex D
- 9 R2 Annex E
- 10 R3 Bldg.
- 11 R3 Annex A
- 12 R3 Annex B
- 13 R3 Annex C
- 14 R3 Annex D

G-Area

- 1 G1 Bldg.
- 2 G2 Bldg.
- 3 G3 Bldg.
- 4 G4 Bldg.
- 5 G4 Annex A
- 6 G5 Bldg.

H-Area

- 1 H1 & H2 Bldgs.

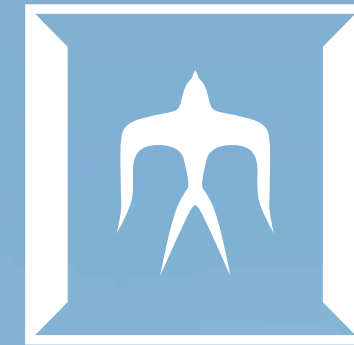
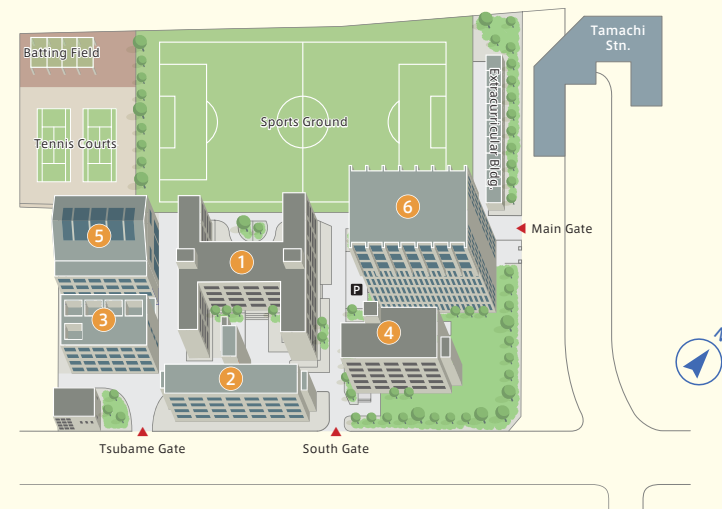
J-Area

- 1 J1 Bldg.
- 2 J2-J3 Bldg.



田町キャンパス

- 1 Bldg. 1
- 2 Bldg. 2
- 3 Bldg. 3
- 4 Bldg. 4
- 5 Sports Hall
- 6 Tokyo Tech Campus Innovation Center



Seal of Tokyo Institute of Technology

The seal of Tokyo Institute of Technology was designed in 1948 by Mr. Shinji Hori, a professor at the Tokyo Fine Arts School at the time. The backdrop forms the Japanese character (工) which is the first character of "engineering" (工業), and also depicts the concept of a window, which is the second character of "school" (学窓). The central figure symbolizes a swallow, and represents the Japanese character (大) which is the first character of "university" (大学). The design was originally adopted for staff badges and has been used throughout the Institute ever since. In 1981, at the Institute's 100th anniversary, the design was formally adopted as the seal of Tokyo Institute of Technology. On that occasion, then Assistant Professor Ario Tejima of Tokyo University of the Arts, grandson of Professor Seichi Tejima, kindly cooperated in refining the design.