

Tokyo Tech

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DATA BOOK 2016-2017

Tokyo Institute of Technology
Center for Public Affairs and Communications

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TOKYO INSTITUTE OF TECHNOLOGY

Tokyo Tech

Tokyo Institute of Technology

2016-2017

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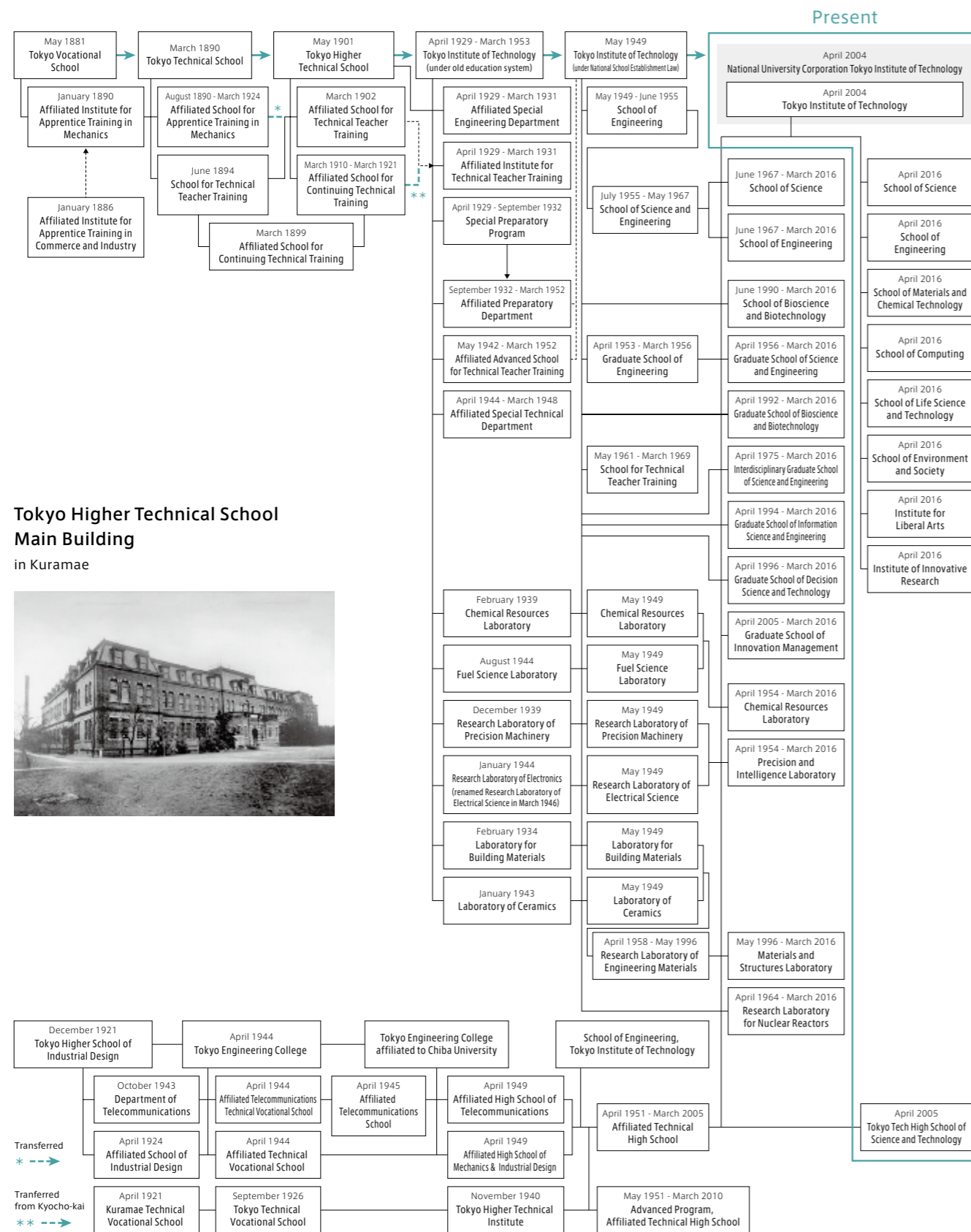
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History

From Past to Present



Tokyo Higher Technical School Main Building

in Kuramae



Events in 2015

Date	Events
April	Conclusion of operations at Center for Research and Development of Educational Technology. Center for Innovative Teaching and Learning established. Compliance Office reorganized into Office for the Appropriate Management of Education and Research Funds.
April	Collaborative Research Center for Happiness Co-Creation Society through Intelligent Communications established.
April	Office of Institutional Research and Decision Support established.
July	Crisis Management Office reorganized into Compliance and Crisis Management Office.
December	Tokyo Tech Advisory Board established.

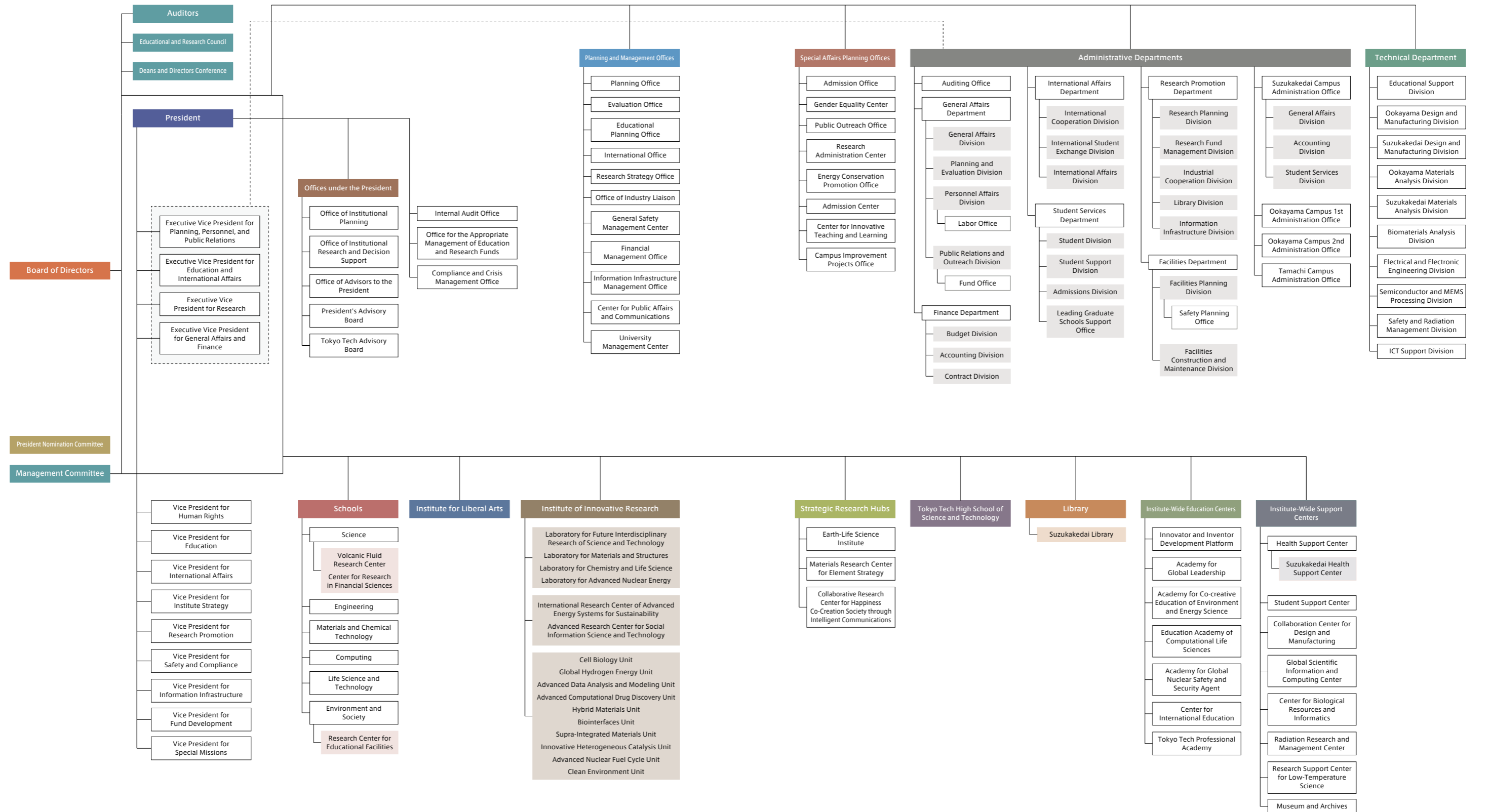
Former Principals and Presidents

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

Organization

Organization Chart

May 1, 2016



Members of the Board, Committees, and Council

As of May 1, 2016

Name	Affiliation
Board of Directors	
Yoshinao MISHIMA	President
Kiyoshi OKADA	Executive Vice President for Planning, Personnel, and Public Relations
Toshio MARUYAMA	Executive Vice President for Education and International Affairs
Makoto ANDO	Executive Vice President for Research
Masayuki SHIBATA	Executive Vice President for General Affairs and Finance Secretary-General
Kazumasa ENAMI	Auditor
Mariko MITSUYA	Auditor
Vice Presidents	
Shione KINOSHITA	Vice President for Human Rights
Tetsuya MIZUMOTO	Vice President for Education
Hidetoshi SEKIGUCHI	Vice President for International Affairs
Isao SATOH	Vice President for Institute Strategy
Naoto OHTAKE	Vice President for Research Promotion
Shinji ANDO	Vice President for Safety and Compliance
Tomohiko UYEMATSU	Vice President for Information Infrastructure
Shigeru HIOKI	Vice President for Fund Development
Tsuyoshi MARUYAMA	Vice President for Special Missions
Assistants to the Executive Vice Presidents	
Kazuo SHINOZAKI	Special Assistant to the Executive Vice President for Education and International Affairs
Tetsuji OKAMURA	Special Assistant to the Executive Vice President for Education and International Affairs
Jun-ichi IMJURA	Special Assistant to the Executive Vice President for Education and International Affairs
Michikazu HARA	Assistant to the Executive Vice President for Research
Office of Advisors to the President	
Tsuyoshi MARUYAMA	Director, Office of Advisors to the President
Tetsuya SUEKANE	Advisor to the President
Manabu IHARA	Advisor to the President
Koichi SHINODA	Advisor to the President
Management Committee	
Yoshinao MISHIMA	President
Kiyoshi OKADA	Executive Vice President for Planning, Personnel, and Public Relations
Toshio MARUYAMA	Executive Vice President for Education and International Affairs
Makoto ANDO	Executive Vice President for Research
Masayuki SHIBATA	Executive Vice President for General Affairs and Finance Secretary-General
Yoshio ISHIDA	Corporate Auditor, East Japan Railway Company President, Tokyo Tech Alumni Association (Kuramae Kougyoukai)
Norio IZUMI	President, Global Technology Network Corporation
Kyoko K. UENO	General Manager, Information Services and Marketing Division
Hidefumi KOBATAKE	Executive Board Member of the KAETSU EDUCATIONAL FOUNDATION Principal of KAETSU ARIAKE Junior and Senior High School
Kiyoshi SHIMIZU	Attorney at Law, Minor Sogo Law Offices Professor, Organization for the Strategic Coordination of Research and Intellectual Property, Meiji University
Nobuo SEKI	Former President & CEO, Chiyoda Corporation
Yasuko MURAMATSU	President, Japan Association for Women's Education
Toru YAMASHITA	Chief Corporate Adviser, NTT DATA Corporation
Makoto OKA	Professor, School of Science
Educational and Research Council	
Yoshinao MISHIMA	President
Kiyoshi OKADA	Executive Vice President for Planning, Personnel, and Public Relations
Toshio MARUYAMA	Executive Vice President for Education and International Affairs
Makoto ANDO	Executive Vice President for Research
Masayuki SHIBATA	Executive Vice President for General Affairs and Finance Secretary-General
Tetsuo OKADA	Dean, School of Science
Nobuyuki IWATSUKI	Dean, School of Engineering
Yuji WADA	Dean, School of Materials and Chemical Technology
Osamu WATANABE	Dean, School of Computing
Hisakazu MIHARA	Dean, School of Life Science and Technology
Kikuo KISHIMOTO	Dean, School of Environment and Society
Noriyuki UEDA	Dean, Institute for Liberal Arts
Kazuya MASU	Director-General, Institute of Innovative Research
Tetsuo OKADA	Dean, Graduate School of Science (prior system)
Kikuo KISHIMOTO	Dean, Graduate School of Engineering (prior system)
Hisakazu MIHARA	Dean, Graduate School of Bioscience and Biotechnology (prior system)
Tetsuo YAI	Dean, Interdisciplinary Graduate School of Science and Engineering (prior system)
Osamu WATANABE	Dean, Graduate School of Information Science and Engineering (prior system)
Norihiro NAKAI	Dean, Graduate School of Decision Science and Technology (prior system)
Shuzo FUJIMURA	Dean, Graduate School of Innovation Management (prior system)
Tetsuo OKADA	Dean, School of Science (prior system)
Kikuo KISHIMOTO	Dean, School of Engineering (prior system)
Hisakazu MIHARA	Dean, School of Bioscience and Biotechnology (prior system)
Eiichi TAKAHASHI	Director, Library
Tetsuya MIZUMOTO	Vice President for Education
Hidetoshi SEKIGUCHI	Vice President for International Affairs

Name	Affiliation
Educational and Research Council	
Isao SATOH	Vice President for Institute Strategy
Naoto OHTAKE	Vice President for Research Promotion
Shinji ANDO	Vice President for Safety and Compliance
Tomohiko UYEMATSU	Vice President for Information Infrastructure
Kotaro YAMADA	Professor, School of Science
Kotaro KAJIKAWA	Professor, School of Engineering
Takeshi KIKUTANI	Professor, School of Materials and Chemical Technology
Haruo YOKOTA	Professor, School of Computing
Hiroyuki OHTA	Professor, School of Life Science and Technology
Norihiro NAKAI	Professor, School of Environment and Society
Tarou YAMAZAKI	Professor, Institute for Liberal Arts
Hidenori SHINNO	Professor, Institute of Innovative Research
Kohtarō OSAKADA	Professor, Institute of Innovative Research
Hiroyuki KAMEI	Professor, Museum and Archives
President Nomination Committee	
Yoshio ISHIDA	Corporate Auditor, East Japan Railway Company President, Tokyo Tech Alumni Association (Kuramae Kougyoukai)
Norio IZUMI	President, Global Technology Network Corporation
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Noriyuki UEDA	Dean, Institute for Liberal Arts
Kazuya MASU	Director-General, Institute of Innovative Research
Hisakazu MIHARA	Dean, School of Life Science and Technology Dean, Graduate School of Bioscience and Biotechnology (prior system)
Kotaro YAMADA	Professor, School of Science
Kiyoshi OKADA	Executive Vice President for Planning, Personnel, and Public Relations
President's Advisory Board	
Kiyoshi OTANI	Former Executive Vice President
Keiji TANAKA	Director General, Tokyo Metropolitan Institute of Medical Science
Norio MURAKAMI	President, Norio Murakami Office Co., Ltd.
Masakatsu MORI	Vice Chairman, International University of Japan Former Chairman, Accenture Japan Ltd.
Jun WATANABE	Attorney at Law, WATANABE LAW OFFICE
Masayuki SHIBATA	Executive Vice President for General Affairs and Finance Secretary-General
Isao SATOH	Vice President for Institute Strategy Professor, School of Engineering
Junichi IJIMA	Director, Tokyo Tech Professional Academy Professor, School of Engineering
Senior Advisor to the President	
Yasutaka SHIMIZU	Senior Advisor to the President
Deans & Directors	
Tetsuo OKADA	Dean, School of Science
Nobuyuki IWATSUKI	Dean, School of Engineering
Yuji WADA	Dean, School of Materials and Chemical Technology
Osamu WATANABE	Dean, School of Computing
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Tetsuo OKADA	Dean, School of Science (prior system)
Kikuo KISHIMOTO	Dean, School of Engineering (prior system)
Hisakazu MIHARA	Dean, School of Bioscience and Biotechnology (prior system)
Eiichi TAKAHASHI	Director, Library
Fumihito MIYAMOTO	Principal, Tokyo Tech High School of Science and Technology
Hidenori KOSAKA	Director, Technical Department
Administration Bureau	
Masayuki SHIBATA	Secretary-General
Hirokazu KUROSAWA	Director, General Affairs Department
Hiroshi MARUYAMA	Director, Finance Department
Toshiaki MIZUNO	Director, International Affairs Department
Yuji TERASHIMA	Director, Student Services Department
Kazuhiisa OKAMOTO	Director, Research Promotion Department
Hiroki MAEDA	Director, Facilities Department
Iwao SHINOHARA	Director, Suzukakedai Campus Administration Office

Schools and Departments

As of May 1, 2016

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 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 of Life Science and Technology

Department	
	Life Science and Technology

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
	Innovation Science
Professional master's degree program	Technology and Innovation Management

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

creativity to take action, tackle problems, and achieve goals in order to build a better future society.

Institute Facilities

Institute of Innovative Research (IIR)

IIR, which consists of four Research Laboratories, two Research Centers, and ten Research Units, creates new research areas and technologies 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.

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 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 molecular-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 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.

- **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. Innovative nuclear energy systems research, actinide management research, global nuclear security research, advanced radiation medical research are promoted as mission-driven research.

Research Centers

- **International Research Center of Advanced Energy Systems for Sustainability (AES)**

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.

- **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.

Research Units

- **Cell Biology Unit**

The unit visualizes, analyzes, and manipulates cells to clarify vital cellular phenomena, thereby contributing to human health and disease treatment through next-generation cell engineering.

- **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 between academia, industry, and government, aiming to realize a "best mix" of global and diverse energy resources.

- **Advanced Data Analysis and Modeling Unit**

The unit utilizes big data to simulate future conditions of economic and social systems in order to create risk-prevention measures and provide solutions to multifaceted global problems.

- **Advanced Computational Drug Discovery Unit**

The unit seeks to create an open platform for studies of innovative drug discovery through the integration of computational technology and experimental biochemistry.

- **Hybrid Materials Unit**

The unit aims to create sub-nanoscale alloy particles using precision metal assembly methods to pave the way for a new field of next-generation functional materials.

- **Biointerfaces Unit**

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

Research Units

- **Supra-Integrated Materials Unit**

The unit works to create supra-integrated materials based on concepts such as molecular grid wiring whose properties go beyond those of conventional hybrid materials.

- **Innovative Heterogeneous Catalysis Unit**

The unit aims to create new environmentally friendly solid catalysts that contribute to the production of glucose from organic resources and provide alternatives to petroleum.

- **Advanced Nuclear Fuel Cycle Unit**

The unit aims to develop safe, low-emission, eco-friendly nuclear fuel cycles and waste-disposal technologies, which will contribute to future energy security and the suppression of global warming.

- **Clean Environment Unit**

The unit develops pollution detection and analysis methods including real-time monitoring of airborne chemicals to evaluate environmental risk and realize a cleaner, safer society.

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.

- **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 operates the Tokodai Institute for Element Strategy (TIES) funded by the MEXT Element Strategy Initiative to Form Core Research Centers for Electron Materials, and the ACCEL Hosono Electride Project funded by the Japan Science and Technology Agency (JST).

- **Collaborative Research Center for Happiness Co-Creation Society through Intelligent Communications (HAPIC)**

HAPIC is a research site of MEXT's Center of Innovation Science and Technology-based Radical Innovation and Entrepreneurship Program (COI STREAM). It works closely with academia-industry-government teams to tackle innovative research and development with high potential for commercial applications. This project ultimately aims to contribute to the vitality of all members of society, going beyond generational and cultural differences.

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) and Super Global High School (SGH). 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. An example of this is a special program that allows TTHS students to enroll through alternative entrance procedures.

Department	Admission	1st year		2nd year		3rd year		Total		
		M	F	M	F	M	F	M	F	Total
Department of Science and Technology	200	151	44					151	44	195
Applied Chemistry Course				29	11	27	13	56	24	80
Information Systems Course				39	1	33	7	72	8	80
Mechanical Systems Engineering Course				40	0	37	2	77	2	79
Electrical and Electronics Course				37	3	38	2	75	5	80
Architectural Design Course				22	10	18	8	40	18	58
Total	200	151	44	167	25	153	32	471	101	572

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. In July 2011, a new library opened at Ookayama Campus.

Number of books

As of April 1, 2016

Classifications	Main Building (Ookayama Campus)	Branch (Suzukakedai Campus)	Total
Japanese publications	275,229	51,500	326,729
Non-Japanese publications	390,002	101,094	491,096
Total	665,231	152,594	817,825

Number of periodical titles

As of April 1, 2016

Classifications	Main Building (Ookayama Campus)	Branch (Suzukakedai Campus)	Total
Japanese publications	2,664	670	3,334
Non-Japanese publications	11,447	2,008	13,455
Total	14,111	2,678	16,789

Electronic data

As of April 1, 2016

Classifications	Electronic Journals	Electronic books	Databases
Domestic data	586	222	2
Overseas data	12,395	17,175	6

Use in FY 2015

Classifications	Main Building (Ookayama Campus)	Branch (Suzukakedai Campus)	Total
Number of visitors	318,714	48,915	367,629
Number of publications lent out	85,787	28,959	114,746

Institute-Wide Education Centers

● Innovator and Inventor Development Platform (IIDP)

IIDP was founded through the integration of career support programs at Tokyo Tech to provide intensified career education to students. The IIDP has three programs corresponding to different career plans to give students opportunities to cultivate career awareness, participate in on-site training, and to explore different career paths.

● Academy for Co-creative Education of Environment and Energy Science (ACEEES)

ACEEES aims to nurture global leaders with expertise in both the environment and energy fields who have a quick, accurate, self-reliant ability to extract and resolve issues, utilize multifaceted viewpoints to evaluate problems that transform spatio-temporally, and can lead innovation in the 2S x 3E era.

● Academy for Global Nuclear Safety and Security Agent (U-ATOM)

U-ATOM has the important role of educating experts to lead as international specialists in industry, academia, and international societies in the fields of nuclear safety and security. Topics include the proliferation of nuclear materials, nuclear terrorism, and large-scale nuclear disasters.

● Tokyo Tech Professional Academy

To help working adults deepen their understanding in the fields of science and technology in response to significant technical innovations and changes in industrial structures, and to meet new social needs, the Career Advancement Professional School provides continuing education programs in advanced technology.

● Academy for Global Leadership (AGL)

AGL cultivates leaders capable of realizing a global society through an integrated multidisciplinary educational system in cooperation with Hitotsubashi University. AGL students deepen their understanding in different fields, gain broader international perspectives, and develop the ability to take action even when faced with complex problems.

● Education Academy of Computational Life Sciences (ACLS)

ACLS aims to train potential leaders in life and computer sciences through combined master's and doctoral programs. ACLS cultivates "Gamma-type specialists" who have deep practical knowledge in their major specialties coupled with relevant knowledge and experience in their secondary areas.

● Center for International Education

The mission of the center is to facilitate the promotion of internationalization at Tokyo Tech. Accordingly, the center plans and operates international education programs implemented on a university-wide basis. In addition, it provides support to inbound students from abroad and to outbound students heading overseas from the Institute.

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.

● Student Support Center

This center promotes students' individual growth and helps them lead a fulfilling school life by providing assistance during admission and other times of uncertainty, offering counseling services at the Student Guidance Room and through telephone consultation and peer support, encouraging student-centered activities such as Institute-wide surveys and volunteer programs, and ensuring services for students with disabilities.

● Collaboration Center for Design and Manufacturing (CODAMA)

The CODAMA is an open workshop for students and faculty. We have three branches of the Center at Ookayama, Suzukakedai, and Tamachi campuses, and they promote creativity and innovation for our members.

● 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.

● Center for Biological Resources and Informatics (CBRI)

CBRI has Research and Infrastructure Divisions to promote and support cutting-edge research in the life sciences. The Infrastructure Division raises and cares for laboratory animals, and supports research and education related to gene recombination. The Research Division is engaged in research associated with bioinformatics for genomes, RNAs and proteins.

● Radiation Research and Management Center (RRMC)

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

● 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.

● Museum and Archives

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

Staff / Students

Staff / Student Numbers

Number of staff

The Board	President	Executive Vice Presidents	Auditors	Total
President / Executive Vice Presidents / Auditors	1	4	2	7

Research and teaching staff	Professors		Associate Professors		Lecturers		Assistant Professors		Research Associates		Teachers and School Nurses		High School Assistants		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
School of Science	53		37	1	3		56	1		2					153	
School of Engineering	72	3	68	5	1		57	5	1	1					213	
School of Materials and Chemical Technology	50	2	46	5	5		47	3		1					159	
School of Computing	26		24		1		19	1							71	
School of Life Science and Technology	21	2	22	5	3		31	1		2					87	
School of Environment and Society	43	5	40	4	1		25	5							123	
Institute for Liberal Arts	23	2	12	8		1	6	2							54	
Institute of Innovative Research	60		49	6	1		58	3							177	
Earth-Life Science Institute	2		1												3	
Materials Research Center for Element Strategy			3				1								4	
Health Support Center	2		1												3	
Global Scientific Information and Computing Center	5	1	4				2								12	
Center for Biological Resources and Informatics	1		4		1					1					7	
Radiation Research and Management Center			1				1								2	
Museum and Archives	1														1	
General Safety Management Center														2	2	
University Management Center	3			1											4	
Gender Equality Center								1							1	
Center for Innovative Teaching and Learning	1		2												3	
Tokyo Tech High School of Science and Technology												35	9	2	2	48
Total	363	15	314	35	16	1	303	24	1	7	35	9	2	2	1,127	

	Administrative staff		Technical staff		Medical staff		Other		Total
	M	F	M	F	M	F	M	F	
Office and technical staff	251	235	101	23		3			613

Number of fixed-term staff

Research and teaching staff	Institute Professors		Specially Appointed Associate Professors		Specially Appointed Lecturers		Specially Appointed Assistant Professors		Visiting Professors		Visiting Associate Professors		Visiting Assistant Professors		Other		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
	14		129	13	65	8	16	4	68	9	60	1	21	2	1		1	412

Office and technical staff	Vice Presidents		Administrative staff		Technical staff		Medical staff		Student affairs staff		Other		Total
	M	F	M	F	M	F	M	F	M	F	M	F	
Working 30h or more per week			43	423	158	96		3	1	13			737
Working 29h or less per week	1	1	14	341	132	113			4	8			614
Total	1	1	57	764	290	209	0	3	5	21	0	0	1,351

Research staff

As of May 1, 2016

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	4		1	4		8	17
School of Engineering	10	5	12	5		4	36
School of Materials and Chemical Technology	6	6	15	4		5	36
School of Computing	2		2	2		3	9
School of Life Science and Technology	1	2	3	3		2	11
School of Environment and Society	9	7	1	5		1	23
Institute for Liberal Arts	1						1
Institute of Innovative Research	8		31	8			47
Strategic Research Hubs	1		2	3			6
Institute-Wide Education Centers and Institute-Wide Support Centers	4	1	1				6
Graduate School of Science					13	13	26
Graduate School of Engineering					21	19	40
Graduate School of Bioscience and Biotechnology					3	6	9
Interdisciplinary Graduate School of Science and Engineering					15	10	25
Graduate School of Information Science and Technology					4	2	6
Graduate School of Decision Science and Technology					5	1	6
Graduate School of Innovation Management					1		1
Total	46	21	68	34	62	74	305

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

Researcher visits by country or region

Researcher visits in FY 2015

Country or region	Number of visits	Country or region	Number of visits	Country or region	Number of visits
Asia		Middle East		Europe	
Cambodia	2	Israel	1	France	11
China	35	Turkey	3	Germany	14
India	9	Africa		Iceland	1
Indonesia	5	Benin	1	Ireland	1
Japan	3	Oceania		Italy	6
Korea	7	Australia	2	Lithuania	1
Malaysia	2	New Zealand	1	Luxembourg	2
Mongolia	2	North America		Netherlands	1
Myanmar	3	Canada	1	Poland	1
Philippines	13	U.S.A.	9	Russia	2
Singapore	1	Central and South America		Spain	4
Taiwan	9	Brazil	4	Sweden	2
Thailand	17	Europe		Switzerland	1
Vietnam	9	Austria	2	Ukraine	1
Middle East		Belgium	2	U.K.	6
Egypt	9	Czech Republic	4	Total	217
Iran	6	Finland	1		

Staff / Student Numbers

As of May 1, 2016

International students

Country or region	Bachelor's program	Master's program	Doctoral program	Professional master's program	Non-degree program	Total
Asia						
Bangladesh	1	4	2	0	1	8
Bhutan	0	0	1	0	0	1
Cambodia	3	2	6	0	0	11
China	100	180	153	0	44	477
India	1	7	3	0	2	13
Indonesia	20	64	49	0	16	149
Korea	35	28	37	0	3	103
Malaysia	17	9	14	0	1	41
Mongolia	8	7	4	0	0	19
Myanmar	0	0	2	0	0	2
Laos	0	0	1	0	0	1
Nepal	2	6	2	0	1	11
Pakistan	0	1	1	0	2	4
Philippines	0	9	4	0	5	18
Singapore	1	1	1	0	3	6
Sri Lanka	2	5	2	0	1	10
Taiwan	1	10	10	0	11	32
Thailand	11	38	62	0	10	121
Vietnam	3	13	15	0	2	33
Middle East						
Iran	0	0	7	0	0	7
Israel	0	0	0	0	5	5
Jordan	0	1	0	0	0	1
Palestine	0	0	2	0	0	2
Syria	0	1	2	0	0	3
Turkey	0	1	6	0	2	9
Africa						
Algeria	0	0	2	0	0	2
Egypt	0	2	3	0	6	11
Ethiopia	0	0	1	0	0	1
Ghana	0	0	1	0	0	1
Kenya	0	0	1	0	0	1
Senegal	0	1	2	0	0	3
South Africa	0	1	2	0	0	3
Sudan	0	1	0	0	0	1
Tanzania	0	0	1	0	0	1
Tunisia	0	1	0	0	1	2
Zimbabwe	0	1	0	0	0	1
Oceania						
Australia	0	0	1	0	0	1
New Zealand	1	0	0	0	1	2

Country or region	Bachelor's program	Master's program	Doctoral program	Professional master's program	Non-degree program	Total
North America						
Canada	0	0	3	0	2	5
U.S.A.	0	3	4	0	2	9
Central and South America						
Argentina	0	1	0	0	0	1
Brazil	2	3	3	0	2	10
Chile	0	0	2	0	0	2
Colombia	0	1	3	0	0	4
Cuba	0	0	1	0	0	1
Honduras	0	1	1	0	0	2
Jamaica	0	0	2	0	0	2
Mexico	0	2	3	0	0	5
Peru	1	0	0	0	0	1
Europe						
Austria	0	1	0	0	1	2
Belgium	0	1	0	0	3	4
Bulgaria	0	0	1	0	0	1
Czech Rep.	0	0	1	0	0	1
Finland	0	0	1	0	4	5
France	0	0	3	0	6	9
Germany	0	0	2	0	8	10
Hungary	0	0	1	0	0	1
Italy	0	1	0	0	3	4
Kazakhstan	0	3	1	0	1	5
Lithuania	0	2	0	0	0	2
Netherlands	0	1	0	0	3	4
Norway	0	0	0	0	2	2
Poland	0	1	1	0	1	3
Romania	0	0	1	0	0	1
Russia	1	2	1	0	0	4
Serbia	0	0	1	0	0	1
Slovakia	0	0	1	0	0	1
Spain	0	0	2	0	2	4
Sweden	0	0	2	0	9	11
Switzerland	0	0	0	0	2	2
Tajikistan	0	1	0	0	0	1
Uzbekistan	0	1	0	0	1	2
Total						
	210	419	441	0	169	1,239

Enrollment

As of May 1, 2016

Enrollment

	Bachelor's program							Total
	1st Academic Group	2nd Academic Group	3rd Academic Group	4th Academic Group	5th Academic Group	6th Academic Group	7th Academic Group	
Applicants	735	323	469	1,136	1,079	648	827	5,217
Admitted	185	83	106	203	197	104	150	1,028
Enrolled	191	93	112	224	217	140	158	1,135

	Master's program incl. professional 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	263	721	489	235	208	397	2,313
Admitted	154	477	347	135	168	303	1,584
Enrolled	147	479	349	132	162	276	1,545

	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	50	66	52	33	24	52	277
Admitted	52	169	129	50	52	115	567
Enrolled	45	61	51	26	23	46	252

Location of high schools from which students graduated

Region	Prefecture	Enrolled	Region	Prefecture	Enrolled	Region	Prefecture	Enrolled
Hokkaido	Hokkaido	16	Chubu	Fukui	0	Chugoku	Yamaguchi	7
Tohoku	Aomori	5		Yamanashi	6	Shikoku	Tokushima	0
	Iwate	3		Nagano	9		Kagawa	4
	Miyagi	8		Gifu	3		Ehime	5
	Akita	2		Shizuoka	17		Kochi	1
	Yamagata	1		Aichi	20		Fukuoka	12
	Fukushima	5		Mie	4	Saga	4	
	Kanto	Ibaraki	19	Shiga	2	Kyushu / Okinawa	Nagasaki	3
Tochigi		14	Kyoto	4	Kumamoto		6	
Gunma		4	Osaka	8	Oita		2	
Saitama		75	Hyogo	15	Miyazaki		3	
Chiba		93	Nara	7	Kagoshima		7	
Tokyo		403	Wakayama	0	Okinawa		3	
Kanagawa		224	Chugoku	Tottori	0		Other	67
Chubu	Niigata	9		Shimane	1		Total	1,135
	Toyama	6		Okayama	7			
	Ishikawa	8		Hiroshima	13			

Tokyo Tech Students after Graduation

FY 2015

Undergraduate students after graduation

	Number of graduates	Manufacturers	Non-manufacturers	Education	Government or public agencies	Other / Unknown *	Further study
School of Science	186	2	18	2	0	6	158
School of Engineering	770	21	48	0	3	22	676
School of Bioscience and Biotechnology	138	1	5	0	1	3	128
Total	1,094	24	71	2	4	31	962

Note: * includes fixed-term positions.

Master's students after graduation

	Number of graduates	Manufacturers	Non-manufacturers	Education	Government or public agencies	Other / Unknown *	Further study
Graduate School of Science and Engineering	709	340	199	3	13	26	128
Graduate School of Bioscience and Biotechnology	159	64	66	0	0	0	29
Interdisciplinary Graduate School of Science and Engineering	538	270	167	0	11	21	69
Graduate School of Information Science and Engineering	133	38	73	1	0	7	14
Graduate School of Decision Science and Technology	117	20	79	1	5	8	4
Graduate School of Innovation Management	34	9	18	0	0	4	3
Total	1,690	741	602	5	29	66	247

Note: * includes fixed-term positions.

Doctoral students after graduation

	Number of graduates	Manufacturers	Non-manufacturers	Education	Government or public agencies	Other / Unknown *
Graduate School of Science and Engineering	179	47	33	29	2	68
Graduate School of Bioscience and Biotechnology	34	8	8	2	1	15
Interdisciplinary Graduate School of Science and Engineering	154	40	33	17	3	61
Graduate School of Information Science and Engineering	32	2	9	7	0	14
Graduate School of Decision Science and Technology	26	3	6	6	1	10
Graduate School of Innovation Management	7	0	3	1	1	2
Total	432	100	92	62	8	170

Note: * includes post-doctoral students and fixed-term positions.

Number of doctoral degrees granted

	Course-based					Dissertation-based				
	Doctor of Science	Doctor of Engineering	Doctor of Philosophy	Doctor of MOT	Total	Doctor of Science	Doctor of Engineering	Doctor of Philosophy	Doctor of MOT	Total
Graduate School of Science and Engineering	42	106	10	0	158	0	7	0	0	7
Graduate School of Bioscience and Biotechnology	19	6	0	0	25	0	2	0	0	2
Interdisciplinary Graduate School of Science and Engineering	21	95	6	0	122	0	1	0	0	1
Graduate School of Information Science and Engineering	5	10	9	0	24	0	1	0	0	1
Graduate School of Decision Science and Technology	0	4	9	0	13	0	0	0	0	0
Graduate School of Innovation Management	0	1	0	0	1	0	0	0	0	0
Total	87	222	34	0	343	0	11	0	0	11

Education Programs

Bachelor's degree program

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

Tokyo Medical and Dental University, Hitotsubashi University, Tokyo University of Foreign Studies, 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.

As of May 1, 2016

Program	Students enrolled
Multidisciplinary Program of the Confederation of the Four Universities	360
Global Scientists and Engineers Course	634

- **Global Scientists and Engineers Course**

Students enrolled in this course will 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, their ability to work on a team, ability to find and solve problems, and enhance their experience studying abroad. Students satisfying all requirements are awarded a certificate of completion.

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.

FY 2015

Program	Students who completed program
Graduate minors	—
Dual Degree Program	1
Progressive graduate minors	—
Tokyo Tech-Tsinghua University Joint Graduate Program	14

- **Tokyo Tech-Tsinghua University Joint Graduate Program**

Tokyo Tech and Tsinghua University in China offer joint graduate programs to cultivate highly competent scientists and engineers who are familiar with the culture and customs of both Japan and China. Proficient in Chinese and Japanese, these individuals contribute to the development of science, technology, industry, and economy in both countries.

- **Progressive graduate minors**

Progressive graduate minors are transversal, flexible programs that address the latest technological and social challenges. Utilizing the most up-to-date educational methods, they aim to equip students with practical skills through collaboration between various graduate majors. A certificate is awarded upon completion of a progressive graduate minor.

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, 2016

School	Master's program	Doctoral program	Total
Science	0	3	3
Engineering	8	8	16
Materials and Chemical Technology	3	5	8
Computing	3	2	5
Life Science and Technology	2	2	4
Environment and Society	7	6	13
Subtotal	23	26	49

Note: Schools and Graduate Schools were joined under a new education system in April 2016.

Graduate School	Master's program	Doctoral program	Total
Science and Engineering	125	115	240
Bioscience and Biotechnology	24	26	50
Interdisciplinary Graduate School of Science and Engineering	81	88	169
Information Science and Engineering	15	12	27
Decision Science and Technology	14	7	21
Innovation Management	0	1	1
Subtotal	259	249	508
Total	282	275	557

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 Electron 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, 2023
Program Director	Hideo HOSONO

● Happiness Co-Creation Society through Intelligent Communications supported by the Center of Innovation (COI) program

Under the Center of Innovation Science and Technology-based Radical Innovation and Entrepreneurship Program (COI STREAM) launched by MEXT, this project aims to contribute to the vitality of all members of society, going beyond generational and cultural differences, through the implementation of intelligent communication vehicles.

Term	Apr. 1, 2015 - Mar. 31, 2022 (tentative)
Project Leader	Shigeyuki AKIBA
Research Leader	Shunri ODA

Endowed chairs

Title	Term	Affiliation
The 130th Anniversary of Tokyo Institute of Technology Commemorative Course - Creative Food Science, Technology and Culture in the Future funded by Hisao Taki and Gourmet Navigator Incorporated	Oct. 1, 2010 - Sept. 30, 2014, Oct. 1, 2014 - Sept. 30, 2016	School of Environment and Society

Innovative research initiatives

Objective	Name	Program director	Title and affiliation
Promoting green innovation	Value-Added Remote Sensing	Masahiro YAMAGUCHI	Professor, School of Engineering
	State-of-the-Art Inorganic Materials	Michikazu HARA	Professor, Institute of Innovative Research
Promoting life innovation	Research Group for Future Sports and Health Science	Nobuhiro HAYASHI	Associate Professor, School of Life Science and Technology
Realization of a safe, affluent and high-quality life	Research Project for Urban Infrastructure Systems	Yasuo ASAKURA	Professor, School of Environment and Society
	Transport Studies Unit	Tetsuo YAI	Professor, School of Environment and Society
	Research Unit for Cybersecurity	Osamu WATANABE	Professor, School of Computing
Enhancement of industrial competitiveness of Japan	Combinatorial Science Research Initiatives	Hiroshi TANAKA	Associate Professor, School of Materials and Chemical Technology
	Research Group for Signal Processing and Network Technologies for Advanced Radio Systems	Jun-ichi TAKADA	Professor, School of Environment and Society
Contribution to the resolution of global problems	Global Socio-Economic Studies of Energy and Environment: Tackling with global challenges	Koji TOKIMATSU	Associate Professor, School of Environment and Society
	Promotion of Spintronics Research	Hiro MUNEKATA	Professor, Institute of Innovative Research
Enrichment and enhancement of common bases for S&T	Research group on AI foundations for smart society	Katsumi NITTA	Professor, School of Computing
		Takao TERANO	Professor, School of Computing
Promotion of other basic research and exploratory research	Versatile Innovative Plasma Science : VIPs	Tomohiro NOZAKI	Professor, School of Engineering

Collaborative research chairs

Name	Collaborator	Term	Affiliation	Research theme
Collaborative Research Division for Information Distribution Platform System	NTT Communications Corporation	Apr. 1, 2010 - Mar. 31, 2017	Institute of Innovative Research	Research on Information Distribution Platform System
Tokyo Gas Collaboration Research Unit	Tokyo Gas Co., Ltd.	Apr. 1, 2010 - Mar. 31, 2018	AES, Institute of Innovative Research	Smart Energy Network toward a Low Carbon Society
ENEOS Collaboration Research Unit	JX Nippon Oil & Energy Corporation	Apr. 1, 2010 - Mar. 31, 2017	AES, Institute of Innovative Research	Low Carbon Emission Energy Systems
Mitsubishi Corp. Collaboration Research Unit	Mitsubishi Corporation	Apr. 1, 2010 - Mar. 31, 2017	AES, Institute of Innovative Research	Renewable Energy Utilization
NTT Facilities Collaboration Research Unit	NTT Facilities, Inc.	Apr. 1, 2010 - Mar. 31, 2018	AES, Institute of Innovative Research	Smart Energy Network in Next-generation Communities
SEC-TITECH Future Technology Joint Research Program	Samsung Electronics Co., LTD	Apr. 1, 2012 - Nov. 30, 2016	School of Computing	Research on the Architecture of Information Portals for Future Internet Societies
Toshiba Collaborative Research Division for Smart City Infrastructure	Toshiba Corporation	Jul. 1, 2013 - Jun. 30, 2018	AES, Institute of Innovative Research	Research on Integrated Solutions for Smart City Infrastructure
Collaborative Research Division for 3D Ultrahigh-Integrated Exascale Systems	PEZY Computing K.K.	Apr. 1, 2014 - Mar. 31, 2019	Institute of Innovative Research	Collaborative Research on 3D Ultrahigh-Integrated Exascale Systems
Oricon Energy Microwave Technology Collaborative Research Seminar	Oricon Energy Co., Ltd.	Jul. 14, 2014 - Aug. 31, 2016	School of Materials and Chemical Technology	Research on High Temperature Microwave Reaction Systems
Center for TDB Advanced Data Analysis and Modeling (TDB-ADAMS)	Teikoku Databank, Ltd.	Oct. 31, 2014 - Dec. 31, 2016	Institute of Innovative Research	Big Data Analysis and Mathematical Modeling of Business
Komatsu - Tokyo Tech Joint Research Program for Innovative Technologies of Construction Machinery	Komatsu Ltd.	Apr. 1, 2015 - Mar. 31, 2018	School of Engineering	Research on Tribological Technologies in Construction and Mining Machinery
Hitachi - Energy Integration Control System	Hitachi, Ltd.	Oct. 31, 2015 - Sep. 30, 2017	AES, Institute of Innovative Research	Research on Energy Integration Control System including Renewable Energy

Industry Relations

As of May 1, 2016

Organizational alliances

Industry	Company Name	Date of agreement	Theme
Manufacturing companies	Fujitsu Laboratories Ltd.	Jan. 21, 2004	Information Technology
	Mitsubishi Chemical Corporation	Jan. 22, 2004	Chemical Process and New Functional Materials
	Mitsubishi Electric Corporation	Feb. 27, 2004	Future Technology
	Canon Inc.	Aug. 2, 2005	Advanced Materials and Imaging Technology
	Hitachi, Ltd.	Jul. 1, 2011	Next-Generation Technologies for Social Innovation
	TDK Corporation	Jan. 21, 2015	Magnetic and Magnet Technology
Non-Manufacturing companies	Komatsu Ltd.	Apr. 1, 2015	Construction Machinery Required in the Future
	Sumitomo Mitsui Banking Corporation	Oct. 1, 2004	Technology Matching
	Nippon Telegraph and Telephone Corporation	Sept. 10, 2008	Research and Development Information and Telecommunications
Non-Profit organization	Nomura Research Institute, Ltd.	Sept. 22, 2008	Research and Development on Service Innovation
	Nomura Securities Co., Ltd.	Sept. 1, 2013	Commercialization of Research Results and Intellectual Property
	Kanagawa Academy of Science and Technology	Apr. 2, 2007	R&D for Industrial Development and Fostering R&D Human Resources
	Japan Labour Health and Welfare Organization, Tokyo Rosai Hospital	Apr. 1, 2014	Cooperation between the Medical Sciences and Engineering to Contribute to Progress in Medicine, Science, and Industry

● Education and Research Co-Creation Program

Under a partnership agreement with Nomura Research Institute (NRI), Tokyo Tech promotes world-leading research and education in cyber security through the NRI & Tokyo Tech Cyber Security Education and Research Co-Creation Program.

Term	Apr. 1, 2016 - Mar. 31, 2018
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● Support for startup companies

Under a partnership agreement with Innovations and Future Creation Inc. (Mirai), Tokyo Tech has built a platform to generate and foster startups by making use of Tokyo Tech's technologies and personnel, and to promote industry-academia collaboration, international activities, and entrepreneurship education. Mirai launched a venture capital fund focused on investing in Tokyo Tech-related startups in September 2016.

Term	May 13, 2016 -
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FY 2015 intellectual property management

No. of inventions reported	No. of domestic patent applications (University + TLO)	No. of licenses assigned with payment (University + TLO)	Amount of licenses assigned with payment (University + TLO) (thousand yen)
286	224	144	58,491

Industry Relations

As of May 1, 2016

Companies designated as Tokyo Tech Ventures

Approved on	Company	Summary of business	Type	Established on
Jan. 9, 2003	Nippon CAD Co., Ltd.	Manufacture, construction and maintenance of mechanical and computer systems for golf driving ranges, such as chain conveyors for ball trolleys and the tee up devices.	3	Apr. 28, 1977
Jan. 9, 2003	OKK, Inc.	Development and sales of original products featuring measurement with an optical technology.	3	Apr. 11, 1981
Jan. 9, 2003	Brain Functions Laboratory, Inc.	Development and sales of Emotion Spectrum Analyser (ESA), a system to display emotion quantitatively through EEG-analysis.	2	Feb. 1, 1994
Jan. 9, 2003	New Technology Management Co., Ltd.	R&D of Electro-Conjugate Fluid (ECF) technology and its industrial applications.	2	Jul. 21, 1995
Jan. 9, 2003	Tytem Corporation	Sales, manufacturing, and R&D of high performance slurries for silicon wafer final polishing and for CMP in IC processing.	2	Apr. 3, 1996
Jan. 9, 2003	DINO Co., Ltd.	Development and sales of computer software.	3	Aug. 14, 1998
Jan. 9, 2003	Fu's Lab Co., Ltd.	Development & planning of 3-D camera systems, image storage systems, and image processing software for improvement and restoration.	2 3	Jul. 30, 1999
Jan. 9, 2003	EcoMEET Solutions Co., Ltd.	Basic planning and optimum design for industrial waste disposal process and facilities based on the system of waste gasification and power generation as the core technologies.	1 2	Jul. 25, 2000
Jan. 9, 2003	Optical Comb, Inc.	Development, manufacturing and sales of Optical Frequency Comb Generators and related services.	1	Apr. 1, 2002
Jan. 9, 2003	GenoMembrane, Inc.	Gene cloning, gene expression and functional analysis of drug transporters.	1 2	Apr. 1, 2002
Jan. 9, 2003	Aphoenix, Inc.	Drug discovery, development and production based on SG bead technology.	1	Apr. 10, 2002
Jan. 9, 2003	ai-Phase Co., Ltd.	Manufacture and sales of thermal property measurement systems and thermal analysis systems. High quality services for supplying thermal property measurement and thermal analysis.	1 2	Apr. 16, 2002
May 12, 2003	Micro Energy, Ltd.	Development, manufacture and sales of gasification power generation systems using industrial waste as fuel.	1	Apr. 9, 2003
Jul. 15, 2003	Connectous Co.	Consulting and training for information systems.	3	Dec. 20, 2001
Jul. 15, 2003	Thin-Film Process Soft, Inc.	Development of thin film manufacturing processes for LC and PDP, and device sales.	2	Jul. 7, 2000
May 18, 2004	HiBot Corporation	Research, development and sales of robots.	2 3	Apr. 15, 2004
Jun. 15, 2004	Tokyo Geotech Co., Ltd	Development, production and sales of subsoil-behavior-analysis and simulation software DACSAR. Construction of civil engineering/architecture structures and the analysis of subsoil in natural disasters.	1 2 3	May 18, 2000
Aug. 9, 2004	TRIONSITE	Support of industry promotion policies taken by local governments with planning and implementation. Surveys, consulting, and the establishment/sales/operation of websites.	2 3	Jul. 2, 2004
Sept. 13, 2004	eCompute Corporation	Provides software consulting and development, specializing in image processing, virtual reality and the Linux system.	1 2	Jan. 15, 2004
Sept. 13, 2004	Tokyo Tech Engineering Solutions, Inc.	Survey, planning, design, safety-check, monitoring, and retrofit of construction products.	2 3	Jul. 22, 2004
Sept. 13, 2004	mimi.inc	Development and sales of application software for cellular phones.	3	May 18, 2004
Nov. 2, 2004	Luvina Software Company	Software development and operation. Consulting on investments in Vietnam.	3	Aug. 6, 2004
Dec. 13, 2004	Techno Management Solutions, Ltd.	Development and sales of next-generation management systems and consulting services for a process plant life cycle.	2	Oct. 1, 2004
Dec. 13, 2004	HUB Networks, Inc.	Development of software and hardware control systems.	2 3	Apr. 10, 2003
Aug. 29, 2005	Chimeraworks	Software development, sales, and management. R&D in information technology and medical devices.	3	Aug. 4, 2005
Oct. 11, 2005	Interlocus, Inc.	R&D, sales and education for CAD, CAM, CAE and CG systems. Provision of engineering services and/or solutions.	1 2	Sept. 9, 2005
Oct. 11, 2005	Kawazoe Frontier Technology, Co., Ltd.	R&D of materials technology and technology consulting services on hydrogen energy systems.	2	Jan. 6, 2003
Dec. 6, 2005	AMSIS, Inc.	R&D, design, production and sales of semiconductor devices and modules for microwave- and millimeterwave-systems.	2	Oct. 11, 2005
Feb. 27, 2006	Oisix Co., Ltd.	Online food retailing. Working with a network of dairies and alcoholic drink retailers.	3	Jun. 1, 2000
Mar. 14, 2006	Technovarth	Software development, sales, lease, and maintenance/management services.	3	Feb. 8, 2006
Apr. 25, 2006	Kozo Zaiyo Building Research Co., Ltd.	R&D and technology consulting services for the building of steel and seismic-resistant structures.	2	Oct. 1, 1986
Feb. 27, 2007	MERSTech, Inc.	Industrialization and commercialization of MERS-technology-based power electronics products and services. (MERS: Magnetic Energy Recovery Switch)	1	Jan. 15, 2007
Apr. 2, 2007	iMott, Inc.	R&D and consultation for segmented-DLC coating technologies, coating services and patent licensing.	1	Feb. 8, 2007
Apr. 2, 2007	PRESYSTEMS, Inc.	Sales and development of testing tools on software systems.	2 3	Feb. 1, 2007
Jul. 23, 2007	PopLiberal, Inc.	Research, development and sales of computer software, primarily web applications.	3	May 25, 2007

Approved on	Company	Summary of business	Type	Established on
Sept. 10, 2007	PhosMega Co., Ltd.	Development of medical and electronic measurement equipment, robots, and the manufacture and sales of prototype instrumentation and systems.	2	Aug. 10, 2007
Oct. 9, 2007	Visual Technology Laboratory, Inc.	Development and sales of simulation software for lighting design, color application and landscape design, as well as patent consultation.	1 2	Aug. 17, 2007
Nov. 19, 2007	Tech Engine Co., Ltd.	Information security and quality control.	3	May 1, 2007
Mar. 17, 2008	INFERRET JAPAN K.K.	Development of mobile-oriented applications based on technologies such as automatic speech recognition (ASR) and natural language processing (NLP). Special focus on carrier independent voice- and speech-enabled search applications.	2	Aug. 9, 2007
May 26, 2008	Inputex Corporation	Haptic/tactile interfaces. Licensing, development and sales of components, development tools and embedded systems for quick and flexible human-machine user interfaces.	1	Mar. 27, 2008
Oct. 6, 2008	Plasma Concept Tokyo, Inc.	Development, consultation and sales of atmospheric plasma sources.	2	Jul. 2, 2008
Nov. 17, 2008	MCX Corporation	Research, development, consultation and sales of energy supply systems and equipment.	2	Mar. 3, 2008
Mar. 6, 2009	EffecTech Institute of Strategy, Inc.	Strategy structuring for technology management, new business development, and investigative research for science and technology policies.	2 3	May 2, 2008
Mar. 6, 2009	MieruPC, Inc.	Development, manufacture and sales of computers and computer-related products.	2 3	Feb. 19, 2009
Sept. 18, 2009	NuSAC, Inc.	Surveys, research, education, personnel training, recruitment and proposals for solutions related to nuclear energy.	2	Apr. 28, 2009
Jan. 7, 2010	Bi2-Vision Co.	Sales of 'active stereo vision systems' for robotics researchers at universities and at public and private research institutes.	1	Aug. 28, 2009
Mar. 12, 2010	Meko Edu.	Educational guidance to overseas students, cram school operations, and advisory services for studying in Japan.	3	Apr. 2, 2009
Nov. 9, 2010	Techidea Corporation	R&D and sales of analog and RF CMOS circuit technology. Technology consulting and education.	1	Apr. 23, 2010
Dec. 3, 2010	Building Structure Institute	Research planning, experiment verification and product development for aseismic structures, vibration-controlled structures and isolated structures.	1 2	Sept. 17, 2010
Jul. 6, 2011	Resonic GmbH Subsidiary: Resonic Japan Ltd.	Sales and production of the measurement systems for rigid-body property identification and measurement services for rigid-body property identification.	1	Mar. 14, 2011
Nov. 28, 2011	Energy Storage Materials LLC	Research, development, production and sales of materials and devices for energy storage systems.	1	Aug. 10, 2011
Nov. 28, 2011	MedTech Hert, Inc.	Research, development, licensing contracts, sales, and export/import of medical devices and pharmaceuticals.	1	Aug. 22, 2011
Dec. 19, 2011	X Compass Ltd.	Development of technology to commercialize the learning of the artificial intelligence system SOINN; application business development.	1	Oct. 17, 2011
Jun. 11, 2012	Zetta Co., Ltd.	Development and sales of nanofiber-manufacturing machinery and nanocoating machinery for electrospray deposition (ESD) as well as research and development of applications using nanofiber and nanocoating technologies (carbon nanofibers, sea water desalination, drug delivery system (DDS) for plants etc.).	1	Nov. 11, 2011
Nov. 19, 2012	SolarFlame Corporation	Consultations for determining evaluation measures (procedures and methods) and the development of solar power generation, solar fuel production, and solar condensation.	1	Aug. 1, 2012
Dec. 13, 2012	SOINN Holdings LLC Subsidiary: SOINN Inc.	Technology consulting about a robot's intellectual control which utilizes the original imaging technology, "ICGM."	1	Nov. 1, 2012 Jul. 8, 2014
May 10, 2013	j-Scheme Limited Liability Company	Development of fluid analysis systems / Development of cloud graphics / Cloud application services / Scientific visualization / GPU computing / Consulting	1	Feb. 14, 2013
Jul. 23, 2013	forEst Co., Ltd.	Planning, development, distribution and sales of education contents and education support software. Planning, operation and management of events.	2	May 10, 2012
Jul. 23, 2013	Kachi-Labo Co., Ltd.	Counseling, and real-estate assessment and product sales over the Internet. Leasing of real estate and property management.	1 2	Dec. 13, 2012
Jul. 23, 2014	Riverfield Inc.	Design, development, manufacturing and sales of medical equipment or Care and Welfare equipment based on intellectual property concerning surgical assist robot or pneumatically driven robot system.	1	May 20, 2014
Jun. 25, 2015	Metagen, Inc.	Intestinal environment analysis service based on the original technology of Metabologenomics™.	2	Mar. 18, 2015
Mar. 29, 2016	Lensty Inc.	Development, production, and sale of the monitor-equipped device able to interact with 2-dimensional characters.	2	Jul. 29, 2013
Mar. 29, 2016	Walk-Mate Lab Co., Ltd.	Comprehensive service provider of gait analysis and walk rehabilitation support for elderly people and Parkinson's disease patients.	1	Aug. 3, 2015
Apr. 25, 2016	s-muscle Co., Ltd.	R&D, manufacturing, sales, and technical consultation of pneumatically actuated McKibben-type artificial muscles.	1	Apr. 1, 2016

Note 1-1: Former criteria (until Sept. 14, 2010)
 Criteria 1: A company making use of any intellectual property owned by the staff or students of Tokyo Tech
 Criteria 2: A company making use of any result or technology resulting from research activities at Tokyo Tech
 Criteria 3: A company established by a student at Tokyo Tech or in which a student of Tokyo Tech is involved
 Note 1-2: Present Criteria (after Sept. 15, 2010)
 Criteria 1: A company making use of intellectual property owned by the staff or student at Tokyo Tech and/or any result or technology resulting from research activities at Tokyo Tech
 Criteria 2: A company established by a student at Tokyo Tech or in which a student of Tokyo Tech is involved
 Note 2: Companies liquidated after conferral are not listed above.

International Collaboration

Overseas Partner Universities

As of May 1, 2016

Academic cooperation agreements (on university-wide basis, 101 in total)

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
India	Indian Institute of Technology Madras	2015	F · S · I
Indonesia	Bandung Institute of Technology	1988	F · S · I
	Universitas Indonesia	1992	F · S · I
	Universitas Gadjah Mada	2000	F · S · I
Korea	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
Mongolia	Sungkyunkwan University	2008	F · S · I
	Mongolian University of Science and Technology	2003	F · S · I
Philippines	National University of Mongolia	2007	F · S · I
	De La Salle University	1992	F · S · I
Singapore	University of the Philippines	1992	F · S · I
	National University of Singapore	1991	F · S · I
Taiwan	Nanyang Technological University	2009	F · S · I
	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
Thailand	National Central University	2007	F · S · I
	Chulalongkorn University	1985	F · S · I
	King Mongkut's Institute of Technology Ladkrabang	1992	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 University of Technology North Bangkok	2005	F · S · I
	Asian Institute of Technology	2005	F · S · I
	TAIST - Tokyo Tech	2006	F · S · I
	King Mongkut's University of Technology Thonburi	2007	F · S · I
Vietnam	UNESCO Bangkok	2015	F · S · I
	Hanoi University of Science and Technology	1995	F · S · I
	Vietnam National University(VNU) University of Science	1995	F · S · I
	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	1992	S
	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	Universidade de São Paulo	1991	F · S · I
Europe			
Austria	TU Wien	2015	F · S · I
Belgium	Ghent University	1992	F · S · I
	Université libre de Bruxelles(ULB)	1994	F · S · I
Denmark	Technical University of Denmark	1992	F · S · I
	University of Copenhagen	2007	F · S · I
Finland	Aalto University	1995	F · S · I
	Lappeenranta University of Technology	1999	F · S · I
France	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
	University of Rennes 1	2002	F · S · I
	Université de Strasbourg	2004	F · S · I
	École Polytechnique *	2006	S
	ParisTech **	2007	F · S · I
Germany	École Nationale Supérieure des Mines de Paris (Mines ParisTech) *	2007	F · S · I
	Technische Universität München	1982	F · S · I
	Universität Stuttgart	1992	F · S · I
	Leibniz Universität Hannover	2004	F · S · I
	RWTH Aachen University	2007	F · S · I
Italy	Berlin Institute of Technology	2008	F · S · I
	University of Bologna	1997	F · S · I
	The University of Rome "La Sapienza"	1998	F · I
Netherlands	Politecnico di Milano	2002	F · S · I
	Delft University of Technology	2009	F · S · I
Norway	Norwegian University of Science & Technology	1993	F · S · I
Russia	National Research Nuclear University	1993	F · S · I
Sweden	Royal Institute of Technology(KTH)	1991	F · S · I
	Chalmers University of Technology	1992	F · S · I
Switzerland	Linköping University	2008	F · S · I
	Swiss Federal Institute of Technology, Zurich(ETH)	1978	F · S · I
	University of Zurich	2007	F · S · I
U.K.	École Polytechnique Federale de Lausanne(EPFL)	2011	F · S · I
	University of Geneva	2015	F · S · I
	University of Strathclyde	1993	F · S · I
U.K.	University of Strathclyde	1993	F · S · I
	Churchill College, University of Cambridge	2001	F · I
	University of Durham	2010	F · S · I
	Imperial College London	2016	F · S · I
Multi-Regional Consortia			
	ERASMUS MUNDUS EASED	2013	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. (12 institutions)

Academic cooperation agreements (on school-wide basis, 112 in total)

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 · S · I
	Nanjing University of Science and Technology(School of Mechanical Engineering)		○	○								2009	F · S · I
	University of Electronic Science and Technology of China (School of Microelectronics and Solid Electronics)									○		2011	F · S · 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
	Chinese Academy of Sciences(Shanghai Institute of Ceramics)									○		2012	F · S · I
	Tongji University(College of Civil Engineering)		○	○				○				2014	F · S
	South China University of Technology(School of Architecture)							○				2016	F · S · I
India	Indian Institute of Technology Madras (Department of Biotechnology)									GSIC	2011	F · S · I	
Indonesia	Indonesian National Atomic Energy Agency									○	1997	F · I	
	Ahmad Dahlan University (Faculty of Pharmacy)	○									2016	F · S · I	
Korea	Inha University(Department of Chemical Engineering)		○	○				○			2000	F · S · I	
	Korea University(Department of Materials Science and Engineering)		○	○				○			2005	F · S · I	
	Chungnam National University(Department of Architectural Engineering, College of Engineering)		○	○				○			2012	F · S · I	
	Korea Institute of Industrial Technology(Technical Textile Technology Center, Gyeonggi Regional Division)		○	○				○			2012	F · S · I	
	Seoul National University (Department of Nuclear Engineering, Center for Advance Research in Fusion Reactor Engineering)									○	2012	F · S · I	
	Korea Advanced Institute of Science and Technology (KAIST) (Department of Mechanical Engineering)				○						2016	S	
Laos	Government of Luang Prabang, Lao PDR, Department of Heritage Luang Prabang		○	○				○			2006	F · I	
Malaysia	Universiti Tenaga Nasional (Department of Electrical Power Engineering, Department of Electronics and Communication Engineering)		○	○				○			2012	F · S · I	
	The National University of Malaysia(Faculty of Science and Technology)									○	2014	F · S · I	
	Universiti Tenaga Nasional(College of Engineering)									○	2014	F	
Mongolia	National University of Mongolia(Nuclear Research Center)									○	2011	F · S · I	
	Mongolian State University of Education		○	○				○			2014	F · S · I	
Philippines	University of the Philippines (Department of Civil Engineering, TTC, NHRC, SURP)		○	○				○			1993	F · S · I	
	De La Salle University(Department of Chemical Engineering)		○	○				○			2005	F · S · I	
	The Technological University of the Philippines(College of Engineering)		○	○				○			2010	F · S · I	
Taiwan	MSU-Iligan Institute of Technology(College of Engineering)		○	○				○			2013	F · S · I	
	National Taiwan University(College of Engineering, College of Electrical Engineering and Computer Science)		○	○				○			2011	S	
	National Chiao Tung University		○								2015	S	
	National Taiwan University of Science and Technology (College of Engineering, College of Electrical Engineering and Computer Science)		○	○				○			2015	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
 [Type of Exchange] F: Faculty and researcher exchange, S: Student exchange, I: Academic information exchange

Overseas Partner Universities

As of May 1, 2016

Academic cooperation agreements (on school-wide basis, 112 in total)

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													
Thailand	Thammasat University (Chemical Engineering Department, Faculty of Engineering)		○	○							○	2006	F · S · I
	Chulalongkorn University (Faculty of Engineering)										GSIC	2007	F · I
	Thailand Institute of Nuclear Technology									○		2011	F · I
	Chiang Mai University (Faculty of Engineering)		○	○						○		2012	F · S · I
	Ministry of Transport (Department of Rural Roads)		○	○						○		2015	F
Vietnam	Vietnam Atomic Energy Commission									○		1999	F · I
	Vietnam National University, Hanoi, University of Science (Department of Physics)									○		2003	F · S · I
	Electric Power University									○		2011	F · I
Middle East													
Turkey	Yildiz Technical University (Electrical-Electronics Engineering Faculty, Mechanical Engineering Faculty, Civil Engineering Faculty, Chemical and Metallurgical Engineering Faculty, Naval Architecture and Maritime Faculty, Graduate School of Natural and Applied Sciences)		○	○								2011	F · S · I
Africa													
Egypt	Egypt-Japan University of Science and Technology (E-JUST)		○	○								2012	F · S · I
Oceania													
Australia	Royal Melbourne Institute of Technology (School of Architecture and Design, Faculty of Infrastructure and Environment)		○	○								1999	F · S · I
	Curtin University (Department of Civil Engineering)										GSIC	2012	F · S · I
North America													
U.S.A.	University of Washington (Department of Architecture, School of Architecture & Urban Planning)		○	○								1978	F · S · I
	Massachusetts Institute of Technology (Department of Mechanical Engineering)		○	○								1991	F · S · I
	University of Minnesota (College of Science and Engineering)		○	○								2005	S
	Massachusetts Institute of Technology (Center for Advanced Nuclear Energy Systems)									○		2006	F · S · I
	Rice University (Richard E. Smalley Institute for Nanoscale Science & Technology)	○										2008	F · S · I
	University of California, Berkeley (Pacific Earthquake Engineering Research Center)									○		2008	F · S · I
	Pennsylvania State University (Department of Materials Science and Engineering)		○	○								2009	F · S · I
	University of Wisconsin-Madison (College of Engineering)		○	○								2010	S
	University of Hawaii at Manoa (Mechanical Engineering)		○	○								2011	F · S · I
	The University of Nevada, Reno (Center for Civil Engineering Earthquake Research)									○		2011	F · S · I
	Northwestern University (Department of Civil and Environmental Engineering)		○	○								2012	F · S · I
	Massachusetts General Hospital, Department of Pathology										GSIC	2013	F · I
	University of California, Santa Barbara (College of Engineering)		○	○								2014	S
	University of California, Irvine (Henry Samueli School of Engineering)									○		2014	F · S
	University of Tennessee, Knoxville (Innovative Computing Laboratory)										GSIC	2014	F · S · I
	Toyota Technological Institute at Chicago (TTIC)					○						2015	F · S · I
	Princeton University (Princeton Institute for Computational Science & Engineering)										GSIC	2016	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			
Central and South America													
Peru	San Marcos National University (Faculty of Physical Sciences)											2014	F · S · I
Europe													
Austria	Vienna University of Technology (Faculty of Architecture and Planning)		○	○								2009	F · S · I
	Vienna University of Technology (Faculty of Mathematics and Geoinformation)	○										2014	F · S · I
France	École d'Architecture de Paris la Villette		○	○								2000	S
	Centre National de la Recherche Scientifique (CNRS), Conditions Extrêmes et Matériaux: Haute Température et Irradiation (CEMHTI)										○	2008	F · S · I
	Ecole National des Ponts et Chaussées (Ecole des Ponts ParisTech)		○	○								2010	S
	Université Pierre et Marie Curie		○	○								2012	S
France	Université d'Aix-Marseille (Physique des Interactions Ioniques et Moléculaires (PIIM))										○	2012	F · S · I
	Université Paris-Sud 11 (The Light-Matter Federation (LUMAT))										○	2012	F · S · I
	Ecole Centrale Paris (Laboratoire Structures, Propriétés, Modélisation des Solids)										○	2012	F · S · I
	Grenoble Institute of Technology		○	○								2012	F · S · I
	Laboratoire d'Electronique et des Technologies de l'Information (CEA-LETI) (Silicon Components Division, Silicon Technologies Division)		○	○								2014	F · S · I
	Paul-Drude-Institut Berlin		○									○	1994
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
	Hamburg University of Technology (Faculty of Management Science and Technology)		○	○								2012	F · S · I
	RWTH Aachen University										GSIC	2014	F · I
	RWTH Aachen University (Institute of Textile Technology)		○	○								2015	F · S · I
	Karlsruhe Institute of Technology (Institute for Nuclear Waste Disposal)			○								○	2016
Iceland	Reykjavik University (School of Computer Science)										○	2014	F · S · I
Italy	University of Perugia (Faculty of Engineering)		○	○								2012	F · S · I
	University of Messina (Department of Electron Engineering, Chemistry and Industrial Engineering)										○	2013	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	Kaunas University of Technology										○	2013	F · I
Netherlands	Leiden University (Science Faculty)	○										2012	F · S · I
	Eindhoven University of Technology (Department of Mechanical Engineering)		○	○								2013	F · S · I
Norway	Norwegian University of Science & Technology (NTNU) (Faculty of Natural Sciences and Technology), Hydro Aluminium R&D Center, Stiftelsen SINTEF by its Institute of Materials and Chemistry, University of Toyama			○								2016	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
 [Type of Exchange] F: Faculty and researcher exchange, S: Student exchange, I: Academic information exchange

International Collaboration

Overseas Partner Universities

Academic cooperation agreements (on school-wide basis, 112 in total)

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												
Poland	Institute of Electron Technology		○	○							2014	F · S · I
	University of Warsaw (Faculty of Chemistry)								○		2014	F · S · I
Romania	Babes-Bolyai University of Cluj-Napoca (Faculty of Physics)								○		2008	F · S · I
Serbia	University of Belgrade (Vinca Institute of Nuclear Sciences)								○		2011	F · S · I
	University of Belgrade (Faculty of Mechanical Engineering)		○	○							2012	F · S · I
Slovenia	University of Ljubljana (Faculty of Arts)		○	○							2007	F · S · I
Spain	Universidad Politecnica de Madrid		○	○							2010	F · S · I
	University of Granada	○									2012	F · S · I
	Universidad Politecnica de Madrid		○	○							2012	S
Sweden	Luleå University of Technology (Faculty of Engineering)		○	○							2012	F · S · I
U.K.	University of Cambridge (Department of Engineering)		○	○							2005	S
	Imperial College London (Faculty of Engineering)		○	○							2005	S
	University of Oxford (Department of Engineering Science)		○	○							2006	S
	University of Warwick (School of Engineering)		○	○							2007	S
	University of Oxford (Department of Chemistry)		○	○							2008	S
	University of Cambridge (Department of Chemistry)		○	○							2008	S
	University of Oxford (Department of Materials)		○	○							2008	S
	University of Manchester (Photon Science Institute, School of Chemistry)								○		2011	F · S · I
	University of Southampton		○	○							2011	F · S · I
Consortium	National Physical Laboratory (Materials Division)		○	○							2013	F · S · I
	EUJEP2 (European Nuclear Education Network Association, Institute for Nuclear Sciences and Technologies, University Politehnica Bucharest (Faculty of Power Engineering), Academy for Nuclear Science and Technology (Center for Nuclear Research), Kyoto University (Graduate School of Engineering, Graduate School of Energy Science), University of Fukui (Graduate School of Engineering), Japan Atomic Energy Agency (Nuclear Human Resource Development Center))		○	○							2015	S
Multi-Regional Consortia												
Asia-Oceania Top University League on Engineering (AOTULE)			○	○							2007	F · S · I
UT-Battelle, LLC Swiss Federal Institute of Technology, Zurich										GSIC	2016	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 Research, **GSIC:** Global Scientific Information and Computing Center
 [Type of Exchange] F: Faculty and researcher exchange, S: Student exchange, I: Academic information exchange

Overseas Offices

As of May 1, 2016

Name	Location / Area	Establishment
Tokyo Tech Thailand Office	Pathum Thani, Thailand	2002
Tokyo Tech Philippines Office	Manila, Philippines	2005
Tokyo Tech China Office	Beijing, China	2006
Tokyo Tech Egypt E-JUST Office	Alexandria, Egypt	2014

Financial Data

Budget FY2016

Revenue

	Amount (million yen)	%	Category	Amount (million yen)	%
Institute-wide	27,294	58.9	Operating grants	19,090	41.2
			Institute revenue (tuition and fees)	6,285	13.6
			Indirect expenses	1,919	4.1
Schools	1,206	2.6	Indirect expenses	1,206	2.6
Specified contributions	17,860	38.5	Commissioned projects	15,002	32.3
			Facility subsidies	464	1.0
			Operating grants	2,394	5.2
Total	46,360	100.0			

Commissioned projects

- Donations for research 1,126
- Grants for commissioned research & projects 5,754
- Grants for collaborative research 1,457
- Grants for research 6,665

million yen

○ Subsidies for functional enhancement 1,117

○ Subsidies for specific reasons (incl. retirement allowance) 1,277

million yen

Expenditure

	Amount (million yen)	%	Category	Amount (million yen)	%
Institute-wide	27,294	58.9	Personnel	17,094	36.9
			Fundamental education and research for Schools	7,449	16.1
			Discretionary expenses by the president	1,160	2.5
			Utility	1,591	3.4
Schools	1,206	2.6	Indirect expenses	1,206	2.6
Specified contributions	17,860	38.5	Commissioned projects	15,002	32.3
			Facilities maintenance	464	1.0
			Operating grants	2,394	5.2
Total	46,360	100.0			

Commissioned projects

- Research donations 1,126
- Commissioned research & projects 5,754
- Collaborative research expenses 1,457
- Grants for research 6,665

million yen

○ Subsidies for functional enhancement 1,117

○ Subsidies for specific reasons (incl. retirement allowance) 1,277

million yen

Financial Summary FY2015

Balance sheet

As of March 31, 2016

Assets	Amount (million yen)	Liabilities	Amount (million yen)
Fixed assets	217,736	Fixed liabilities	25,076
Tangible fixed assets	212,016	Assets offsetting liabilities	24,133
Land	138,965	Other noncurrent liabilities	943
Accumulated impairment loss	(5)	Current liabilities	16,690
Buildings	92,709	Grants received	43
Accumulated depreciation	(40,257)	Donations received	8,709
Structures	5,980	Commissioned research funds received	2,010
Accumulated depreciation	(3,263)	Commissioned projects funds received	50
Equipment	52,586	Accounts payable	3,955
Accumulated depreciation	(42,903)	Other current liabilities	1,921
Construction in progress	189	Total liabilities	41,766
Other tangible fixed assets	8,015	Net assets	Amount (million yen)
Intangible fixed assets	479	Capital stock	179,444
Investments and other assets	5,240	Government investment	179,444
Investments in securities	3,627	Capital surplus	6,032
Long-term deposits	1,580	Capital surplus	47,952
Investments and other assets	33	Accumulated depreciation not included in profit and loss statement (-)	(41,919)
Current assets	10,326	Earned surplus	781
Cash and cash equivalents	4,157	Surplus carried forward from the previous period for the mid-term target	292
Other current assets	6,168	Reserve	63
		Unappropriated retained earnings	425
		Valuation difference on available-for-sale securities	36
Total assets	228,062	Total net assets	186,296
		Total liabilities and net assets	228,062

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

Income statement

April 1, 2015 - March 31, 2016

Account	Amount (million yen)
Ordinary expenses (A)	45,637
Operating expenses	43,213
Expenses for education	3,986
Expenses for research	7,134
Expenses for education and research support	2,910
Expenses for commissioned research	7,383
Expenses for commissioned projects	307
Executive salaries & remuneration	161
Faculty salaries & remuneration	13,711
Administrative staff salaries & remuneration	7,618
General and administrative expenses	2,336
Financial expenses	28
Miscellaneous losses	59
Ordinary revenues (B)	45,846
Operational grants	21,781
Tuition and fees	4,990
Grants for commissioned research	8,847
Grants for commissioned projects	325
Donations	1,221
Grants	2,731
Subsidy for facilities	22
Other	5,927
Extraordinary profit and loss (C)	148
Reversal of reserve for specific purposes (D)	68
Gross profit (B-A+C+D)	425

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

FY 2015 external funds

Name	Number of projects	Research funds (thousand yen)
Donations for education and research	504	913,475
Sponsored research	379	7,277,894 (1,238,529)
Commissioned projects	62	260,007 (1,030)
Collaborative research	489	1,769,921 (380,993)
Grants-in-Aid for Scientific Research	1,150	5,245,880 (1,173,480)
Other	38	2,873,580 (39,334)
Total	2,622	18,340,757 (2,833,366)

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

Grants-in-Aid for Scientific Research FY 2015

Area of research	Number of projects	Research funds (thousand yen)
Grant-in-Aid for Specially Promoted Research	4	241,020 (55,620)
Grant-in-Aid for Scientific Research on Innovative Areas (Research in a proposed research area)	101	1,315,080 (303,480)
Grant-in-Aid for Scientific Research (S)	9	486,850 (112,350)
Grant-in-Aid for Scientific Research (A)	64	758,290 (174,990)
Grant-in-Aid for Scientific Research (B)	167	903,370 (208,470)
Grant-in-Aid for Scientific Research (C)	187	284,700 (65,700)
Grant-in-Aid for Challenging Exploratory Research	159	278,330 (64,230)
Grant-in-Aid for Young Scientists (A)	46	266,110 (61,410)
Grant-in-Aid for Young Scientists (B)	157	230,880 (53,280)
Grant-in-Aid for Research Activity Start-up	23	31,850 (7,350)
Grant-in-Aid for Encouragement of Scientists	4	2,200 (0)
Grant-in-Aid for JSPS Research Fellow	222	230,360 (16,560)
Fund for the Promotion of Joint International Research (Fostering Joint International Research)	4	50,050 (11,550)
Fund for the Promotion of Joint International Research (International Group)	3	166,790 (38,490)
Total	1,150	5,245,880 (1,173,480)

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

Access

Access

Ookayama Campus

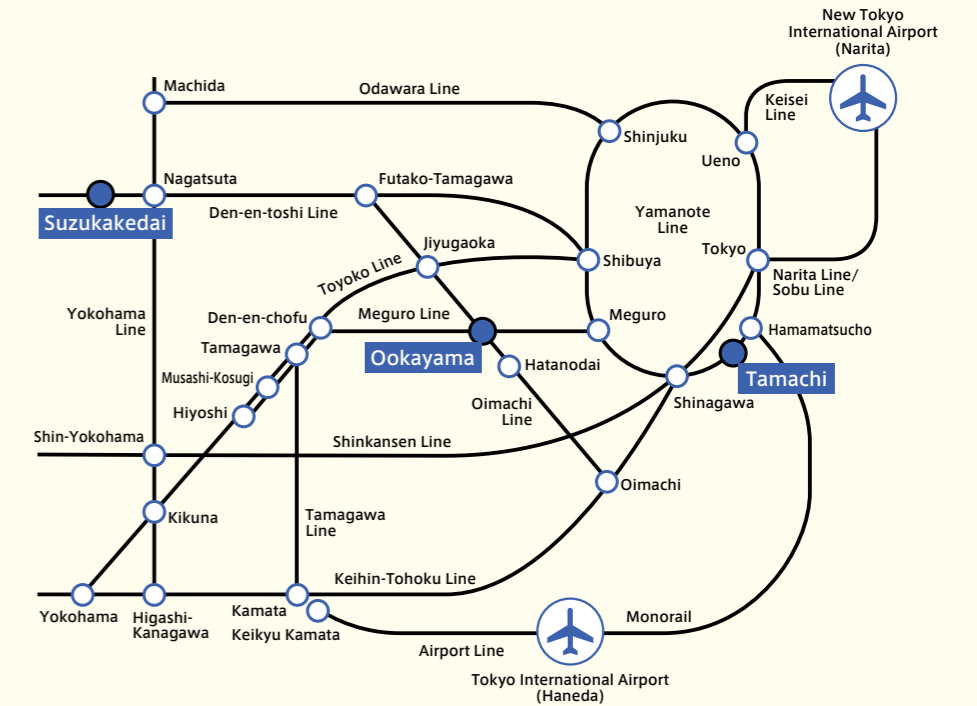
- Approx. 1-minute walk from Ookayama Station on the Tokyu Oimachi & Tokyu Meguro Lines
- Approx. 45 minutes from Haneda Airport
- Approx. 30 minutes from Tokyo Station

Suzukakedai Campus

- Approx. 5-minute walk from Suzukakedai Station on the Tokyu Den-en-toshi Line
- Approx. 70 minutes from Haneda Airport
- Approx. 55 minutes from Tokyo Station

Tamachi Campus

- Approx. 2-minute walk from Tamachi Station on the JR Yamanote & Keihin-Tohoku Lines
- Approx. 25 minutes from Haneda Airport
- Approx. 10 minutes from Tokyo Station



Tokyo Tech Facilities

Location/Area	Facilities	Address	Transportation	Remarks
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. 10-minute walk from Ookayama Station Tokyu Ikegami Line Approx. 7-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. 15-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

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 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 Bldgs. 4 & 5
- 6 Global Scientific Information and Computing Center
- 7 Institute Library

- 8 Centennial Hall (Museum)
- 9 East Bldg. 1
- 10 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&2B
- 6 North Lab Bldg. 3A

- 7 North Lab Bldg. 3B
- 8 North Lab Bldg. 4
- 9 North Lab Bldg. 5
- 10 North Lab Bldg. 6
- 11 North Lab Bldg. 7
- 12 North Lab Bldg. 8

- 13 Health Support Center
- 14 80th Anniversary Hall
- 15 Extracurricular Bldg. 5
- 16 Extracurricular Bldg. 6
- 17 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.

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.

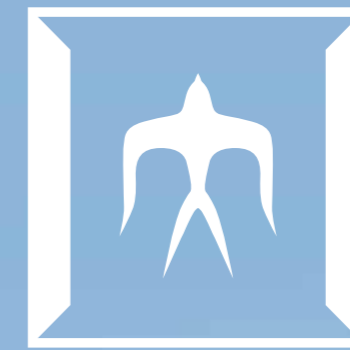
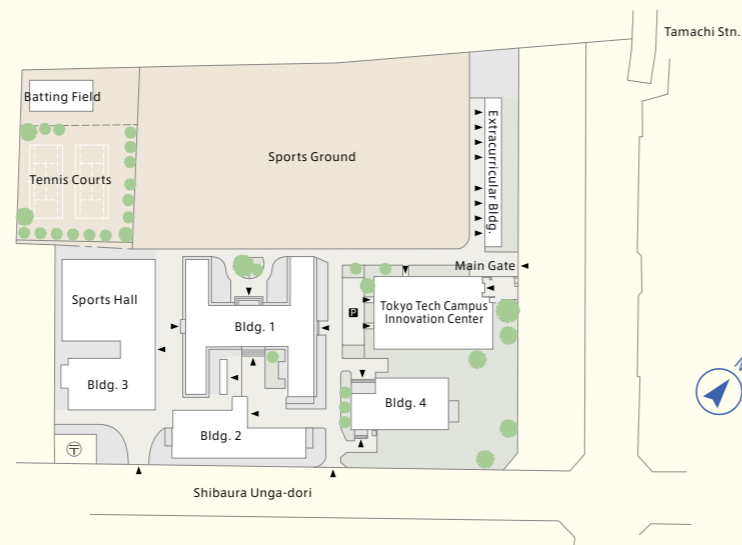
H-Area

- 1 H1 & H2 Bldgs.

J-Area

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

Tamachi Campus



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.