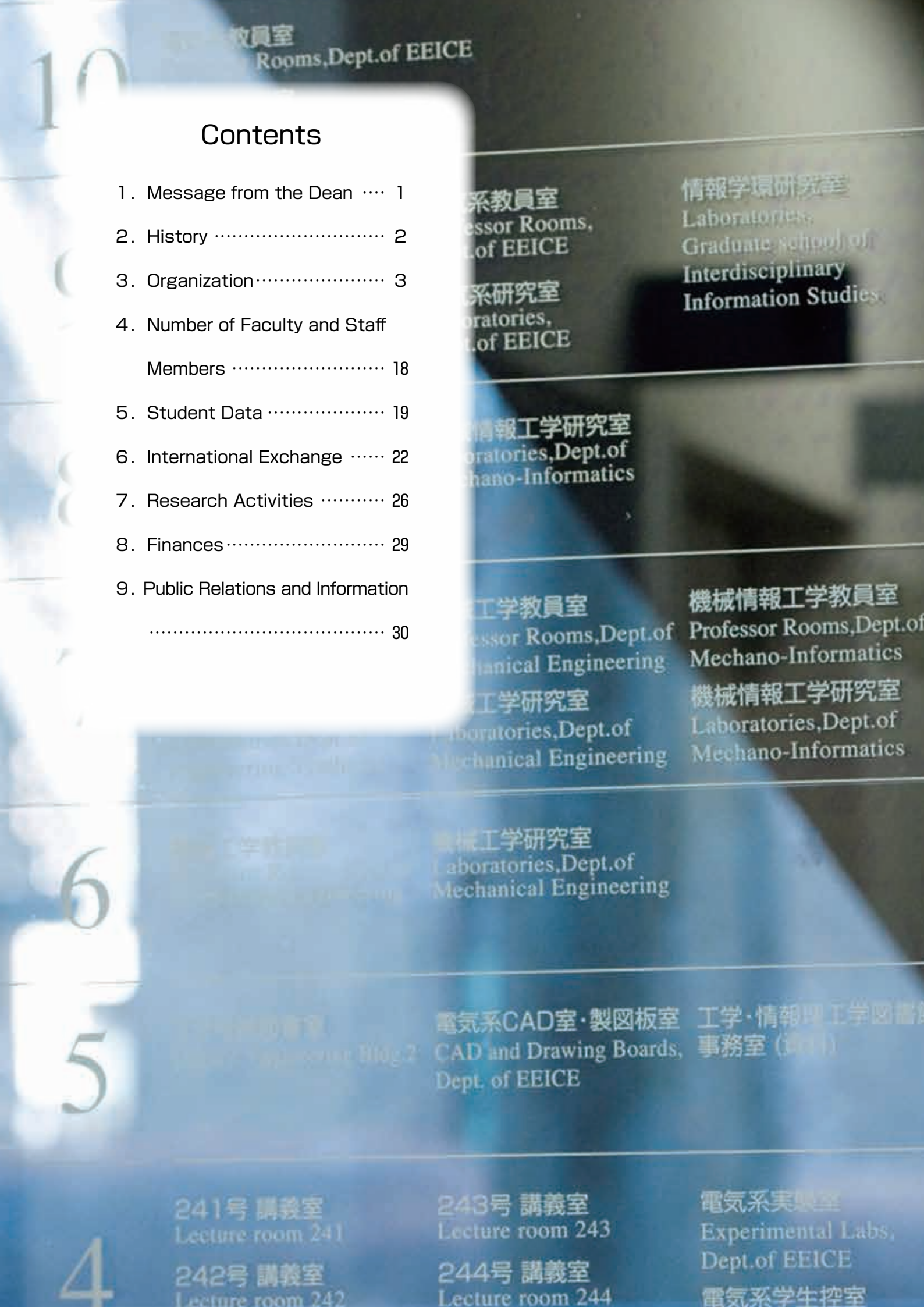
School of Engineering
The University of Tokyo

東京大学
工学系研究科・工学部概要

2024

Contents



1. Message from the Dean

Engineering Opens the Future

We currently live in the face of many very difficult global issues. These include global warming and other climate changes, energy issues, discrimination and poverty, super-aging, regional conflicts, and viral infections. To solve such challenging problems, one must have the ability to create and realize a vision of the future based on variety of expertise, experience, and values. In addition, the passion is needed to solve these problems at any cost. The School of Engineering and the Faculty of Engineering is the place to acquire these skills and to cultivate the passion for saving the world. Engineering covers an extremely wide range of fields, including those that pursue basic science, those that lead the implementation of knowledge obtained through research into society, and those that pioneer newly merged fields, and the scale of research and development is also very diverse. Our ultimate goal and mission are to utilize the knowledge we have gained through our exploration in each of our fields, to dream and create a better future for the earth and human society, as well as to pioneer a new era.

In order to realize an inclusive society where no one is left behind and where everyone can live in peace, engineering must confront this question directly: How do we protect and nurture the global commons? The School of Engineering and the Faculty of Engineering are also committed to gender parity at the University and are working to provide an environment where anyone can master advanced studies and research without being restricted by gender, age, or position.

Currently, both the world and Japan are now facing complex and difficult problems in the midst of drastic changes, and what is being tested in this situation is human wisdom, or the power of knowledge innovation. I hope that you will thoroughly train yourselves in knowledge in whichever engineering field you choose, and grow into professionals of knowledge who can do "the best job". The School of Engineering and the Faculty of Engineering will provide you with the best opportunities to do so, regardless of gender or nationality.

We hope that you will study engineering with us and turn your boundless energy into the driving force that will open up the future of Japan and the world. Let's take on this challenge together!

KATO Yasuhiro
Dean of the School of Engineering, the University of Tokyo

2. History

(1) Timeline

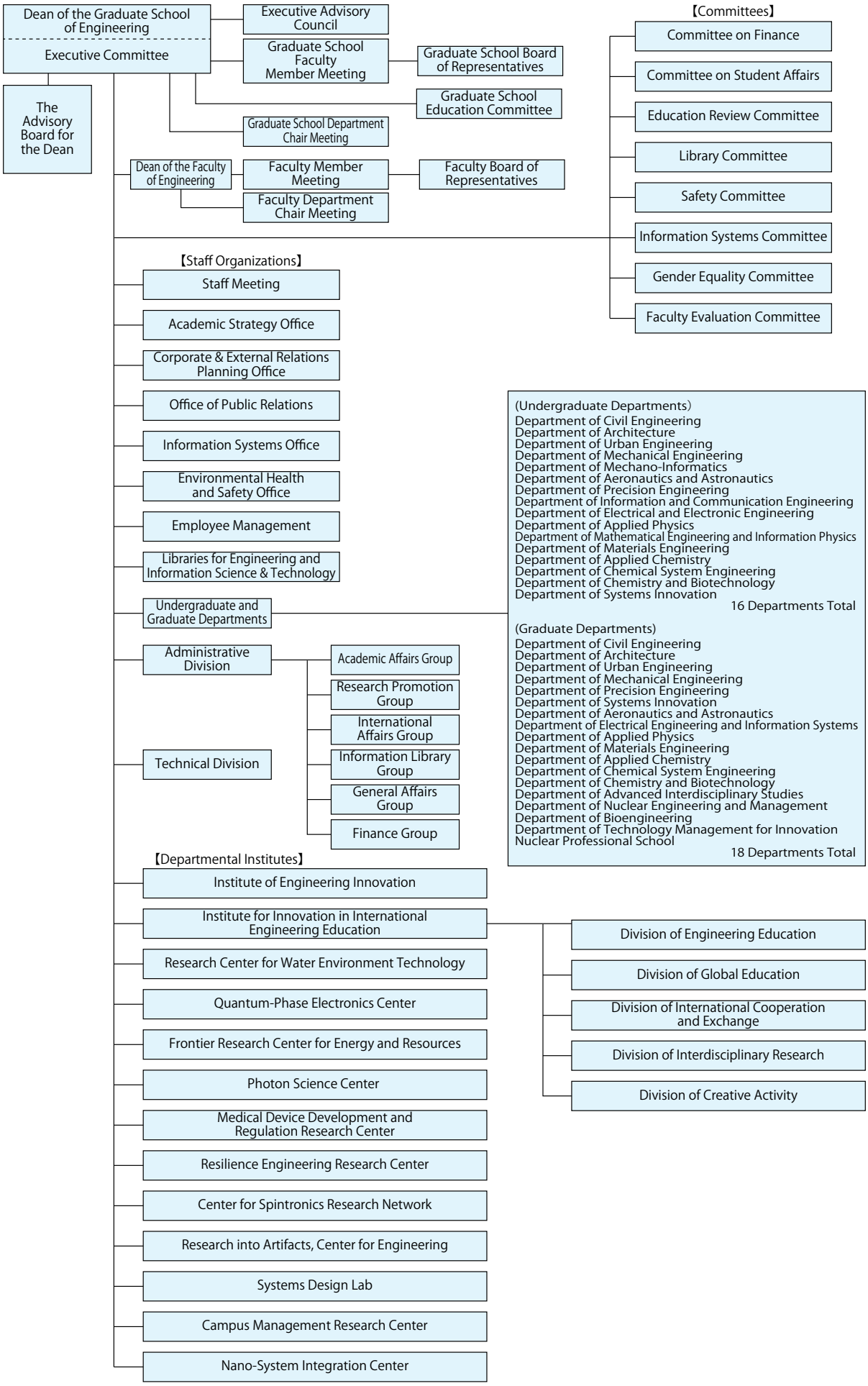
Year	Month	Events
1886	March	Teikoku Daigaku (Imperial University) established. Kobu Daigakko merged with the Faculty of Technology, University of Tokyo, to form the Technical College with 7 engineering departments.
1897	June	Imperial University renamed Tokyo Imperial University.
1919	February	Technical College became Faculty of Engineering.
1939	October	Engineering Research Institute established.
1942	April	Facilities in Hongo renamed First Faculty of Engineering. Second Faculty of Engineering established in the City of Chiba.
1947	October	Tokyo Imperial University renamed The University of Tokyo.
1949	May	The University of Tokyo reorganized under the new educational system (11 departments). Institute of Industrial Science established with resources drawn from the Second Faculty of Engineering.
1951	February	Branch School of the Faculty of Engineering established.
1951	March	Second Faculty of Engineering abolished.
1953	April	Graduate Schools established under the new educational system.
1954	March	Branch School of the Faculty of Engineering abolished.
1965	April	Graduate School of Engineering established.
1967	June	Nuclear Engineering Research Laboratory established.
1975	April	Faculty of Engineering began admitting graduates from technical junior colleges.
1981	April	Institute of Interdisciplinary Research established.
1988	March	Institute of Interdisciplinary Research abolished.
1992	April	With more emphasis being placed on Graduate Schools, reinforcement of the Graduate School of Engineering began.
1995	April	Reinforcement of the Graduate School of Engineering completed. (21 undergraduate departments, 24 departments, (83 divisions))
1999	April	Departments of Metallurgical Engineering and Materials Science merged into Department of Materials Engineering.
2000	April	Research Center for Water Environment Technology established. Department of Systems Innovation established.
2001	April	Graduate School of Information Science and Engineering established. (17 undergraduate departments, 20 departments) Quantum Phase Electronics Center established.
2002	January	Reorganized Engineering Research Institute and Institute of Engineering Innovation established.
2004	March	Engineering Research Institute abolished.
2004	April	All National Universities transformed into National University Corporations, and The University of Tokyo was incorporated.
2005	March	Nuclear Engineering Research Laboratory abolished.
2005	April	Department of Nuclear Engineering and Management and Nuclear Professional School established. Center for Innovation of Engineering Education established. Department of Superconductivity abolished.
2006	April	Department of Precision Engineering, Department of Bioengineering and Department of Technology management for Innovation established. (18 undergraduate departments, 22 departments)
2008	April	Frontier Research Center for Energy and Resources established. Department of Electrical and Electronic Engineering, Department of Electrical Engineering and Information Systems and Department of Systems Innovation established. (17 undergraduate departments, 19 departments)
2009	April	Department of Mechanical Engineering established. (16 undergraduate departments, 18 departments)
2010	April	Photon Science Center established.
2011	April	Center for Innovation of Engineering Education abolished. Institute for Innovation in International Engineering Education established.
2012	April	Medical Device Development and Regulation Research Center established.
2013	April	Resilience Engineering Research Center established.
2016	April	Center for Spintronics Research Network established.
2019	April	Research into Artifacts, Center for Engineering established.
2019	July	Research Center for Water Environment Technology reorganized.
2019	October	Systems Design Lab established.
2021	April	Campus Management Research Center established.
2022	April	Nano-System Integration Center established.

(2) List of Deans

Order of Succession	Name	Tenure
1	FURUICHI Koui	1886.5.1 - 1888.11.27
2	WATANABE Hiromoto	1888.11.28 - 1889.10.10
3	FURUICHI Koui	1889.10.11 - 1898.7.18
4	TATSUNO Kingo	1898.7.19 - 1902.12.28
5	WATANABE Wataru	1902.12.29 - 1918.11.25
6	TERANO Seichi	1918.11.26 - 1920.6.30
7	TSUKAMOTO Yasushi	1920.7.1 - 1923.7.5
8	TAWARA Kuniichi	1923.7.6 - 1926.7.9
9	TSUKAMOTO Yasushi	1926.7.10 - 1929.3.31
10	SHIBUSAWA Motoji	1929.4.1 - 1932.3.30
11	TANAKA Yoshio	1932.3.31 - 1935 .3.31
12	HIRAGA Jo	1935.4.1 - 1938.3.31
13	NIWA Shigeteru	1938.4.1 - 1941.3.31
14	UCHIDA Yoshikazu	1941.4.1 - 1943.3.31
15	SETO Shoji	1942.4.18 - 1945.3.31 1948.4.1 - 1951.3.31
16	SANO Hidenosuke	1943.3.12 - 1946.3.11
17	INOKUCHI Tsuneo	1945.4.1 - 1948.3.31
18	KAMEYAMA Naoto	1946.3.12 - 1949.3.11
19	OYMAMA Matsujiro	1949.3.12 - 1952.3.11
20	AOYAMA Hidesaburo	1952.3.12 - 1954.3.30
21	NAKANISHI Fujio	1954.3.31 - 1956.3.31
22	YAMAGATA Masao	1956.4.1 - 1958.3.30
23	KOGA Itusaku	1958.3.31 - 1960.3.30
24	MUTO Kiyoshi	1960.3.31 - 1962.3.30
25	YOSHIKI Masao	1962.3.31 - 1964.3.30
26	SAKAMOTO Toshifusa	1964.3.31 - 1966.3.30
27	NAKA Takeo	1966.3.31 - 1968.3.31
28	MOGAMI Takeo	1968.4.1 - 1968.11.4
29	MUKAIBO Takashi	1968.11.5 - 1969.3.31
30	KIHARA Hiroshi	1969.4.1 - 1971.3.31
31	SUGENO Takeshi	1971.4.1 - 1973.3.31
32	OKAMURA Sogo	1973.4.1 - 1975.3.31
33	KONDO Jiro	1975.4.1 - 1977.3.31
34	UMEMURA Hajime	1977.4.1 - 1978.4.1
35	FUJII Sumiji	1978.4.2 - 1980.4.1
36	HISAMATSU Yoshihiro	1980.4.2 - 1982.4.1
37	NAGUMO Jinichi	1982.4.2 - 1984.4.1
38	HORIKAWA Kiyoshi	1984.4.2 - 1986.4.1
39	INOSE Hiroshi	1986.4.2 - 1987.3.31
40	IRI Masao	1987.4.1 - 1989.3.31
41	YOSHIKAWA Hiroyuki	1989.4.1 - 1991.3.31
42	SUGANO Takuo	1991.4.1 - 1992.3.31
43	OKAMURA Hiroyuki	1992.4.1 - 1994.3.31
44	GOSHI Youichi	1994.4.1 - 1996.3.31
45	OKAMURA Hajime	1996.4.1 - 1998.3.31
46	NAKAJIMA Naomasa	1998.4.1 - 2000.3.31
47	KOMIYAMA Hiroshi	2000.4.1 - 2002.3.31
48	OGAKI Shinichiro	2002.4.1 - 2004.3.31
49	HIRAO Kimihiko	2004.4.1 - 2006.3.31
50	MATSUMOTO Yoichiro	2006.4.1 - 2008.3.31
51	HOTATE Kazuo	2008.4.1 - 2010.3.31
52	KITAMORI Takehiko	2010.4.1 - 2012.3.31
53	HARATA Noboru	2012.4.1 - 2014.3.31
54	MITSUISHI Mamoru	2014.4.1 - 2017.3.31
55	OKUBO Tatsuya	2017.4.1 - 2020.3.31
56	SOMEYA Takao	2020.4.1 - 2023.3.31
57	KATO Yasuhiro	2023.4.1 -

3. Organization

(1) Organizational Chart



(2)Dean and Officers (for Academic Year 2024)

Dean of the School of Engineering	
	KATO Yasuhiro
Vice Deans	
	ISHIDA Tetsuya
	TSUMOTO Kouhei
	KUMADA Akiko
General Manager	WATANABE Shinji
Special Advisors to the Dean	
	SHIOMI Junichiro
	SAITOH Eiji
	FUJII Yasumasa
	MIYAMOTO Hideaki
Graduate Department Chairs	
Department of Civil Engineering	HORITA Masahide
Department of Architecture	YAMADA Satoshi
Department of Urban Engineering	KOIZUMI Hideki
Department of Mechanical Engineering	SUZUKI Yuji
Department of Precision Engineering	TAKAHASHI Satoru
Department of Systems Innovation	KAWABATA Tomoya
Department of Aeronautics and Astronautics	TSUCHIYA Takeshi
Department of Electrical Engineering and Information Systems	YAMASHITA Shinji
Department of Applied Physics	SAGAWA Takahiro
Department of Materials Engineering	YOSHIDA Hidehiro
Department of Applied Chemistry	YANAGIDA Takeshi
Department of Chemical System Engineering	NAKAYAMA Akira
Department of Chemistry and Biotechnology	OKAMOTO Akimitsu
Department of Advanced Interdisciplinary Studies	MOTOHASHI Kazuyuki
Department of Nuclear Engineering and Management	TAKATA Takashi
Department of Bioengineering	ICHIKI Takanori
Department of Technology Management for Innovation	MATSUO Yutaka
Nuclear Professional School	SAITO Takumi
Undergraduate Department Chairs	
Department of Civil Engineering	HORITA Masahide
Department of Architecture	YAMADA Satoshi
Department of Urban Engineering	KOIZUMI Hideki
Department of Mechanical Engineering	SUGITA Naohiko
Department of Mechano-Informatics	KUZUOKA Hideaki
Department of Aeronautics and Astronautics	TSUCHIYA Takeshi
Department of Precision Engineering	TAKAHASHI Satoru
Department of Information and Communication Engineering	KAWAHARA Yoshihiro
Department of Electrical and Electronic Engineering	YAMASHITA Shinji
Department of Applied Physics	SAGAWA Takahiro
Department of Mathematical Engineering and Information Physics	YAMANISHI Kenji
Department of Materials Engineering	YOSHIDA Hidehiro
Department of Applied Chemistry	YANAGIDA Takeshi
Department of Chemical System Engineering	NAKAYAMA Akira
Department of Chemistry and Biotechnology	OKAMOTO Akimitsu
Department of Systems Innovation	NAKAO Akihiro

Directors of Departmental Institutes	
Institute of Engineering Innovation	SHIBATA Naoya
Institute for Innovation in International Engineering Education	TSUMOTO Kouhei
Research Center for Water Environment Technology	TAKIZAWA Satoshi
Quantum-Phase Electronics Center	ISHIZAKA Kyoko
Frontier Research Center for Energy and Resources	NAKAMURA Kentaro
Photon Science Center	KOASHI Masato
Medical Device Development and Regulation Research Center	TSUMOTO Kouhei
Resilience Engineering Research Center	IZUMI Kiyoshi
Center for Spintronics Research Network	TANAKA Masaaki
Research into Artifacts, Center for Engineering	TAKAHASHI Hiroyuki
Systems Design Lab	IKEDA Makoto
Campus Management Research Center	CHIBA Manabu
Nano-System Integration Center	TAKAHASHI Hiroyuki
Administrative Devision	
General Manager	WATANABE Shinji
Manager, Academic Affairs Group	FUJITA Tsukasa
Manager, Research Promotion Group	OGAWA Tomoko
Manager, International Affairs Group	OSHIMA Junji
Manager, Information Library Group	MAEDA Akira
Manager, General Affairs Group	NITO Akio
Manager, Finance Group	SATO Osamu
Manager for Coordination, the Graduate School of Information Science and Technology	TSURUOKA Takuji

(3) Graduate Departments

Department of Civil Engineering

The Department of Civil Engineering cultivates talented individuals who can take a leadership role in development and management of civil infrastructure, equipped with a deep understanding of the nature, history, and culture unique to each country and region, as well as an international perspective. The department covers various fields such as geotechnics, structures, materials, hydrology, river, coast, environment, energy, disaster prevention, land planning, landscape, urban systems, transportation, management, and international projects. While responding to severe natural disasters and rapid changes in social structure, we aim to explore the way of social infrastructure, advance high-level research that contributes to the systematization and innovation of its knowledge and technology, and further contribute significantly to the sustainable development of our country and the world by returning it to society and education.

Website in Japanese

Website in English

Experiment on concrete

Department of Architecture

The Department of Architecture is committed to building new approaches to learning and aims to create spaces and environments suitable for maturing societies in a new age. This is achieved by integrating wide-ranging knowledge: from scientific, engineering, and technological fields to the humanities, social, and artistic domains. The Department aims to develop specialists who can shoulder the responsibilities of architecture-related research, development, planning, design, production, management, and policy recommendations. Moreover, contributions to sustainability and societal growth are of the utmost importance; as such, the Department addresses the challenges of research geared toward creation of new value and global technological innovations.

Website in Japanese

Website in English

Sketch critique amid architectural models

Department of Urban Engineering

The Department of Urban Engineering develops experts with demonstrable, real-world applicable knowledge in urban planning, urban design, urban transportation planning, urban analysis, urban environmental engineering, urban water systems, international urban environments, environmental design, urban management, and more. Moreover, the Department aims to contribute to sound, sustainable development of national land and local communities from a global viewpoint while maintaining consideration for the diversity of local climates and social cultures.

Website in Japanese

Website in English

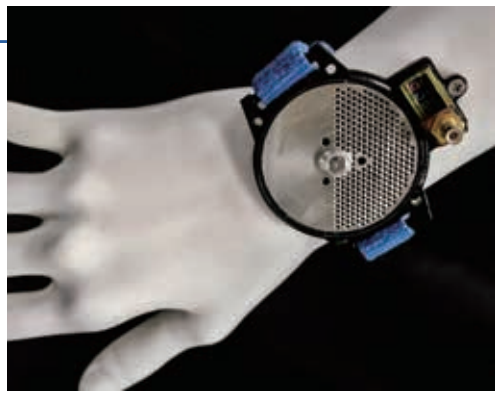
Creation of a sustainable city through diverse approaches

Department of Mechanical Engineering

The Department of Mechanical Engineering is responsible for the research and education of a comprehensive discipline of mechanical engineering. This includes foundational areas such as mechanics/mechatronics, material mechanics, fluid dynamics, and thermal engineering, as well as design, manufacturing technology, energy science, robotics, information technology, and biomedical engineering. We are pursuing the creation of superior engineered systems by taking a comprehensive perspective that includes technology, humanity, society, and the environment, and by collaborating with industry and international partners. Our goal is to cultivate leading researchers and engineers who can contribute to the creation of outstanding artifacts that meet the demands of the times and foster new industries.

Website in Japanese

Website in English



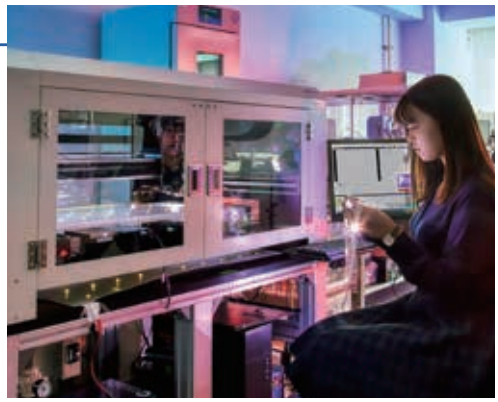
Electret device generating electricity from arm movement

Department of Precision Engineering

Robot technology (RT) and production technology (PT) are driving forces to change the future. Deeply intertwined with each other, the cutting edge of these two technologies has been developed in the field of precision engineering. At the Department of Precision Engineering, students are provided with specialized education ranging from fundamental knowledge to real-world application.
In response to social changes and needs, we carry out education and research on a wide range of topics, including the development of production technology, next-generation biomedical equipment using advanced devices, and system designs and robot development using artificial intelligence (AI) and machine learning.

Website in Japanese

Website in English



Electronic device integration technology for e-textile

Department of Systems Innovation

We propose the following solutions to the important global-scale issues that surround us. First, to develop new human knowledge on energy and resource creation and their storage and transportation to overcome the problems of climate change; and second, to explore socioeconomic systems and AI research to find out how human beings will exist in the future as well as advanced research and optimization of information communication, business, and basic infrastructure to respond to social changes. The Department of Systems Innovation also emphasizes the interdisciplinary linkage of research elements, aiming to produce human resources capable of creating systems with new value from a holistic perspective.

Website in Japanese

Website in English

Conceptual illustration of systems innovation in a complex, advanced society

Department of Aeronautics and Astronautics

The Department of Aeronautics and Astronautics pursues both the conspicuous and the unrealized significance and possibilities in the worlds of aeronautics and astronautics, conducting research and providing education such that discoveries can be proactively applied for the well-being of humanity. Moreover, the Department aims to create a new field of engineering and to develop leading-edge technologies and knowledge that can be applied to other disciplines. To this end, the Department will foster system integration for missions in aerospace and promote practical research and education. Through such activities, the Department aims to develop leaders in the fields of aeronautics and astronautics and contribute to societal progress.

Website in Japanese

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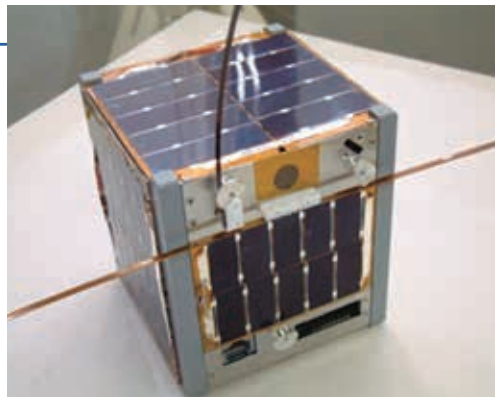


World's first successfully launched 1-kilogram satellite

Department of Electrical Engineering and Information Systems

The Department of Electrical Engineering and Information Systems aims to create and develop new disciplines that fuse aspects of physics (focusing on electromagnetism and quantum physics) with aspects of information science. To achieve this goal, the Department offers research and education related to energy, the environment & aerospace, nanophysics & devices, and information & communications. Technologies such as brain-like LSI and highly advanced sensing devices are core technologies for space exploration, electric vehicle development, increasing capacities for electricity transport, AI & IoT, and self-driving cars. Students research the design and control of this invisible world of electronics and information. The Department aims to develop the next generation of unique leaders, i.e., individuals of international genius who are creative and highly specialized and have a broad perspective.

Website in Japanese

Website in English

An electric vehicle utilizing dynamic wireless power transfer from coils buried in the road to the vehicle's in-wheel motor.

Department of Applied Physics

People who understand the fundamentals of science and are driven to take on the challenges of solving new problems are in demand in every discipline. The Department of Applied Physics is committed to developing world leaders who can apply their expertise in physics, think independently, and venture into unexplored fields. Moreover, the Department aims to research advanced topics in the field of physics and make use of the results for society and industry.

Website in Japanese

Website in English

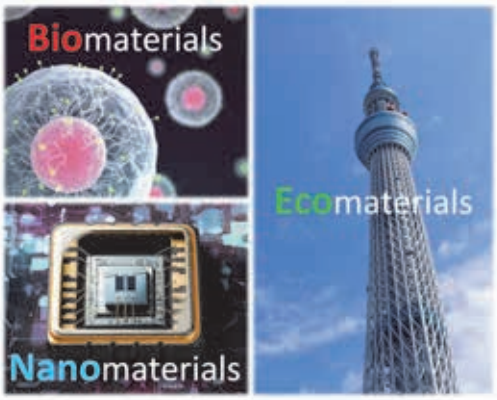
Do you have any ideas that can change the world?

Department of Materials Engineering

The Department of Materials Engineering aims to lead research in unexplored fields of materials engineering, which fundamentally supports the various activities of people around the world . Our goal is to make breakthroughs in the materials field to help solve the issues and difficult problems faced by modern society regarding the environment, energy, information & communication, and medical care, thereby contributing to the sustainable development and well-being of humanity. The Department is developing international-caliber, next generation leaders who have unique ideas by providing students with opportunities to gain highly advanced knowledge in the fields, all while fostering world-leading research and development together with a fundamental knowledge of materials.

Website in Japanese

Website in English



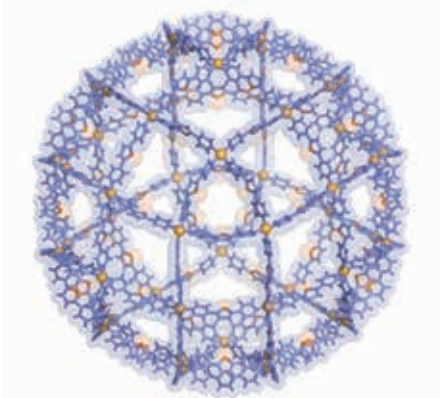
Societies can be supported by newly created materials in a variety of ways

Department of Applied Chemistry

The Department of Applied Chemistry's ultimate goal is to contribute to the sustainable development of humanity and the global environment through the creation of new chemistry-based fields and technologies. While promoting world-leading research, the Department aims to develop specialists who have wide-ranging knowledge of fundamentals, advanced expertise in applied chemistry, and can lead R&D in a variety of fields.

Website in Japanese

Website in English



Nanoscale huge, hollow molecule synthesized via self-assembly

Department of Chemical System Engineering

Department of Chemical System Engineering fosters chemical engineers and researchers who have acquired the methodology of chemical system engineering, focusing on (1) the analysis and control of chemical phenomena at every scale from molecular to planetary, and (2) the design and systemization of these components. The department uses these methodologies to promote research projects aimed at solving social issues in fields such as the environment, energy, medical care, materials and devices, industrial applications, and safety and security of society, and to lead the development of a sustainable society.

Website in Japanese

Website in English

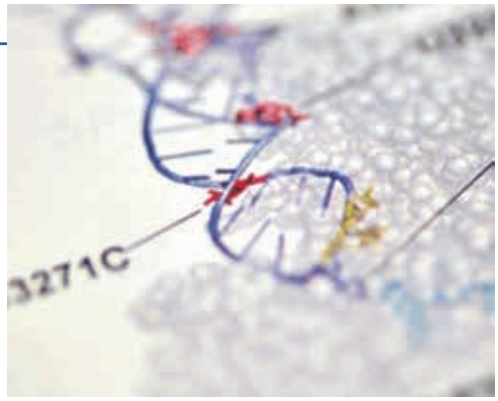
Bridging Chemical Knowledge to Society

Department of Chemistry and Biotechnology

The Department of Chemistry and Biotechnology develops professionals who, by specializing in a wide range of fields such as organic chemistry, polymer chemistry, bioscience, and molecular biology, can create new fields by integrating chemistry and life sciences. Moreover, the Department aims to develop technologies that can make major contributions to society through the use of chemistry and biology by producing beneficial chemical reactions, elucidating life phenomena, and improving biological systems.

Website in Japanese

Website in English



Chemistry and Molecular biology

Department of Advanced Interdisciplinary Studies

The Department of Advanced Interdisciplinary Studies provides education and research guidance on fundamental and applied research (both emerging and world-leading) in a range of fields relating to advanced scientific technology, including social science and barrier-free social systems. The Department also provides graduate courses for mature students who are in full-time employment. Through its courses for graduate education and research, the Department aims to develop not only unique and creative researchers in the advanced scientific fields but also specialists in international research, business management, and advanced interdisciplinary policymaking.

Website in Japanese

Website in English


Providing an interdisciplinary environment for a range of researchers

Department of Nuclear Engineering and Management

The Department of Nuclear Engineering and Management develops specialists who are versed in a range of science and technology fields, have a strong understanding of people and societies, and have systematized knowledge and a systematic way of thinking regarding nuclear safety, energy, and radiation science and their applications. These individuals have an international perspective and can take responsibility for both academic and practical R&D, planning, design, production, management, and policy recommendations for science and its applications. Moreover, the Department aims to develop experts who can proactively take on the challenge of conducting cutting-edge research in unexplored fields and pursue research that can lead to new technological innovations, thus contributing to the sustainability and development of society.

Website in Japanese

Website in English


Abundant opportunities for international exchange

Department of Bioengineering

Bioengineering serves as a bridge between the world of science and the fields of health, medical care & welfare, drug creation, the environment, energy, food, nano & biotechnology, safety & security, and information. The Department of Bioengineering is committed to building methodologies for bioengineering for the sustainable development of humanity and promotion of human health and welfare in aging societies with falling birthrates; efforts are based on the existing disciplines of machinery, electricity, physics, chemistry, materials, and more to understand the interaction of materials and living systems. Through its education and research activities, the department aims to develop specialists who can serve as key players in the biomedical industry.

Website in Japanese

Website in English


BIO×ENG: developing specialists who can serve as key players in the biomedical industry

Department of Technology Management for Innovation

The Department of Technology Management for Innovation, in response to the growing demand to address social challenges through the integration of multiple disciplines in recent years, aims to develop leaders who are knowledgeable about international social issues and possess expert knowledge in science, technology, business, and economics, as well as the capability to practically solve these challenges. To achieve this, we provide overseas training and various project-based educational opportunities. In particular, we focus our research and education on interdisciplinary themes across engineering fields, such as artificial intelligence, circular economy, and startups.

Website in Japanese

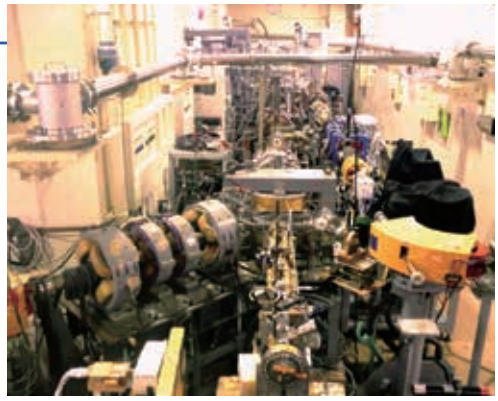
Website in English

Lecture on Global Startups

Nuclear Professional School

The Nuclear Professional School fosters research in the field of advanced nuclear reactor engineering, decommissioning engineering, laser beam science, medical physics, nuclear fuels/materials, fusion reactor materials, etc.
The school is the only professional graduate school specializing in nuclear engineering in Japan. It educates students to acquire deep knowledge on safe operations, maintenance, and supervision of nuclear-related facilities. Graduates actively work as engineers with advanced skills and leadership in electric power companies, regulatory bodies, nuclear industries, R&D institutions, etc. This department operates collaboration research programs opened domestically and internationally, using the facilities and equipment owned by this department.

Website in Japanese



LINAC facility where ultra short pulse electron beams are generated

(4) Undergraduate Departments

Department of Civil Engineering

The Department of Civil Engineering cultivates talented individuals who can take a leadership role in development and management of civil infrastructure with a broad, international perspective integrating nature, history, and culture. The department covers various fields such as geotechnics, structures, materials, hydrology, river, coast, environment, energy, disaster prevention, land planning, landscape, urban systems, transportation, management, and international projects. Undergraduate students of our department systematically learn various basics in the fields of civil engineering and cultivate practical skills and knowledge applicable to the sustainable development of our dynamically changing society and lives.

Website in Japanese

Website in English

Field exercise in one of the University of Tokyo Forests

Department of Architecture

In addition to providing the academic, technical, and artistic knowledge required for planning, structures, and the environment (which includes studies of plans, design, fabrication, and maintenance), the Department of Architecture aims to develop specialists who can utilize their knowledge comprehensively for architectural designs and proposals; individuals who are able to take a broad view and have the creativity to contribute to the sustainable development of society.

Website in Japanese

Website in English

Sketch critique amid architectural models

Department of Urban Engineering

The Department of Urban Engineering aims to develop leaders who have systematized knowledge about urban engineering and can contribute to the sound, sustainable development of national land and local communities in the fields of urban planning, urban design, urban transportation planning, urban analysis, urban environmental engineering, urban water systems, international urban environments, environmental design, and urban management.

Website in Japanese

Website in English

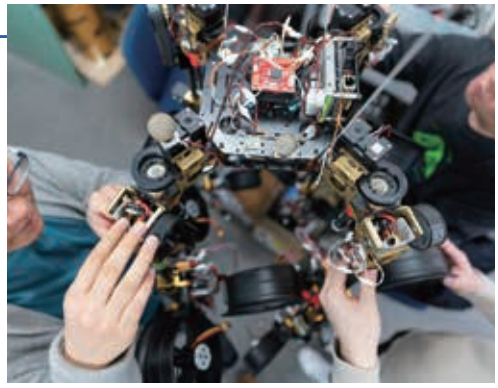
Creation of a sustainable society through diverse approaches

Department of Mechanical Engineering

The Department of Mechanical Engineering is responsible for education and research in mechanical engineering as a comprehensive academic system. This includes foundational areas such as solid mechanics, materials mechanics, fluid dynamics, and thermal engineering in conjunction with design and manufacturing engineering to facilitate the creation of superior engineered systems, alongside the application of information technology and software engineering to enhance the analysis and control of phenomena and systems, integrating human knowledge.
The department also aims to cultivate leading researchers and engineers who can pioneer advanced science and technology in the fields of environment, energy, robotics, biotechnology, and medicine.

Website in Japanese

Website in English



Education and research in mechatronics systems

Department of Mechano-Informatics

The Department of Mechano-Informatics is committed to developing the next generation of leaders and researchers; individuals with precise thinking who can take a global view in order to develop theories and systems to connect people, machines, and information. To this end, the Department provides students with opportunities to better understand people and create tangible objects through studies of informatics and mechanical engineering. Through these efforts, the Department works to develop specialists who have practical knowledge and hands-on experience with mechano-informatics.

Website in Japanese

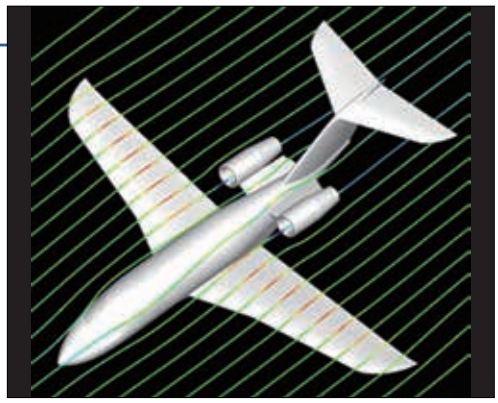
Intelligent robots that work in the real environment

Department of Aeronautics and Astronautics

The Department of Aeronautics and Astronautics fosters education and research in the field of system integration and system engineering. Specifically, the Department educates students on the four primary topics (hydrodynamics, mechanical & structural dynamics, control engineering, and thermodynamics) that represent the fundamental technologies used for aircraft and their engines, rockets, and artificial satellites. Students will also learn how to combine these fundamental technologies to create and operate reliable systems. The advanced technologies applied for systems operations in extreme conditions can also be applied to other fields.

Website in Japanese

Website in English



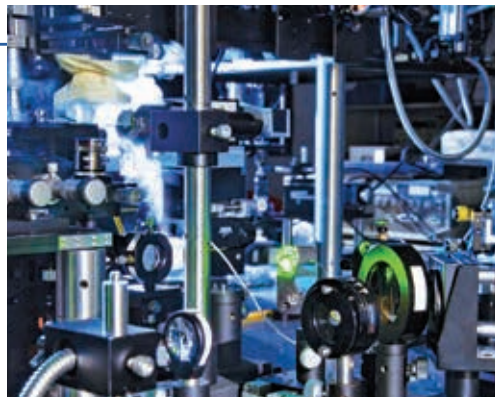
Computer-based flow simulation

Department of Precision Engineering

The Department of Precision Engineering provides students with a wide range of fundamental and applied knowledge in the fields of robot technology (RT) and production technology (PT). Based on these two technologies, the Department fosters education and research on precision processing and measurement, system design using artificial intelligence (AI), systematization of information and knowledge for manufacturing, biomedical devices, and service robots.

Website in Japanese

Website in English



Advanced nano-machining and measurement system

Department of Information and Communication Engineering

The Department of Information and Communication Engineering develops specialists who advance existing technologies and create new technologies in various fields of electronics such as computer and information processing (hardware and software), information networking, communication systems, media and signal processing, and intelligent information processing. The Department also has a program that enables undergraduate students to go abroad and give presentations on their research and achievements.

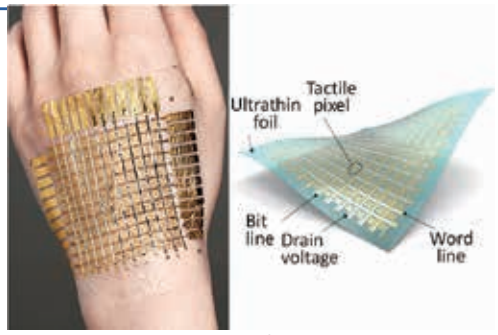
Website in Japanese

"EmiTable", a table-type display that reveals hidden light signals as visible pixel units.

Department of Electrical and Electronic Engineering

The Department of Electrical and Electronic Engineering is engaged in the field of physics focusing on electromagnetism and quantum physics but is also promoting its research activities in a wide range of fields related to information science. The research fields of the Department include 1) nanophysics, photons, and biotechnology, 2) energy, the environment and space; and 3) system electronics. The Department is developing next-generation leaders who can create new technologies in the aforementioned fields and demonstrate their capabilities on a global scale.

Website in Japanese



Touch sensors made with the world's lightest, thinnest and softest electronic circuits.

Department of Applied Physics

Physics is a field of study which examines methods of approaching the unknown. The Department of Applied Physics aims to develop specialists who can use the fundamental and advanced knowledge gained through their studies to create new academic and industrial fields.

Website in Japanese

Website in English


Do you have any ideas that can change the world?

Department of Mathematical Engineering and Information Physics

The Department of Mathematical Engineering and Information Physics pursues engineering that promotes the welfare of humanity based on knowledge of mathematics, physics, and information science. In particular, the Department aims to create basic ways of thinking, universal principles, and systematic methodologies to help solve a variety of issues in a range of fields (beyond specific industries) and to develop specialists who can explore the array of new possibilities provided by engineering.

Website in Japanese

Website in English

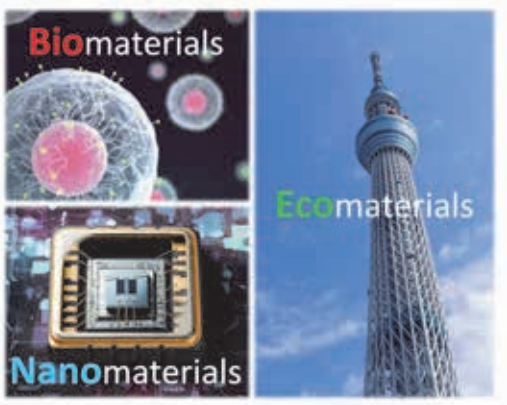
Education on systems and mathematical engineering at the Department

Department of Materials Engineering

Materials engineering supports various human activities relating to areas such as the environment, energy, information and communication, and medicine.
Our department aims to develop specialists who can contribute to the sustainable advancement of human society by providing systematic learning on materials science and engineering from basics to application and by cultivating the R&D ability to create new materials. To this end, we have established three courses: (1) Biomaterials, (2) Ecomaterials, and (3) Nanomaterials, aiming to develop the next generation of leaders with a broad perspective through comprehensive and international education and practical training in all material fields.

Website in Japanese

Website in English



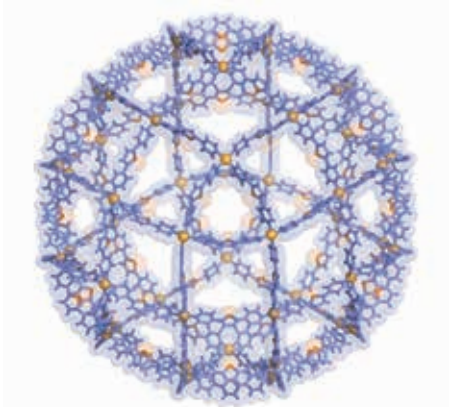
Societies can be supported by newly created materials in a variety of ways

Department of Applied Chemistry

The Department of Applied Chemistry's ultimate goal is to contribute to the sustainable development of humanity and the global environment through the creation of new chemistry-based fields and technologies. To this end, the Department provides students with opportunities to learn basic chemistry in a systematic manner, including physical chemistry, quantum chemistry, inorganic chemistry, organic chemistry, and analysis chemistry (as well as how to conduct advanced, comprehensive research in graduate school). The Department thereby develops specialists who can contribute to the development of advanced knowledge and next-generation technologies.

Website in Japanese

Website in English



Nanoscale huge, hollow molecule synthesized via self-assembly

Department of Chemical System Engineering

The Department of Chemical System Engineering develops chemical system engineers and researchers capable of building and analyzing macro-scale systems through chemistry-based development of materials (on atomic and molecular levels) and through control of chemical reactions. At the same time, the Department aims to develop specialists who can apply their knowledge to work toward creation a sustainable society through solving social issues related to the environment, energy, medical care, materials and devices, industrial applications, and safety & security.

Website in Japanese

Website in English

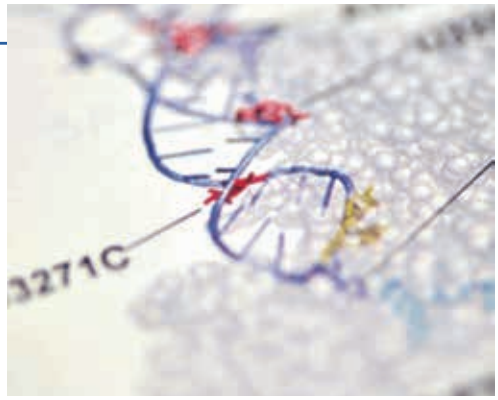
Bridging Chemical Knowledge to Society

Department of Chemistry and Biotechnology

The Department of Chemistry and Biotechnology aims to develop technologies that make significant contributions to society in the fields of both chemistry and biotechnology. To this end, the Department provides students with opportunities to systematically gain knowledge across a range of academic fields, including organic chemistry, polymer chemistry, life science, and molecular biology. Students also learn how to conduct comprehensive, advanced research in graduate school. The Department aims to develop specialists who can contribute to the development of next-generation technologies.

Website in Japanese

Website in English



Chemistry and Molecular biology

Department of Systems Innovation

The Department of Systems Innovation pursues comprehensive science to "innovate future social systems" that will make "critical infrastructures" robust and resilient by advancing DX while taking GX into consideration, and to pursue the further well-being and growth of humanity.
We follow the fundamental philosophy of pursuing comprehensive knowledge that integrates the humanities and sciences and of taking interdisciplinary approaches in consideration of the global environment, including research areas such as AI, data collaboration, quantum, information communication, carbon neutrality, frontier resources, space utilization technology, next-generation materials, ocean development, supply chain optimization, new energy development, social science, technology management, etc.
In line with this basic philosophy, we will cultivate global human resources that are internationally active in exploring of academic principles for the "innovation of future social systems" that will enable people to live safely and securely.

Website in Japanese

Contents of Global Systems Innovation

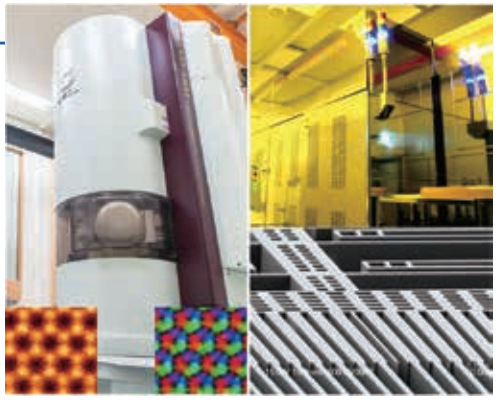
(5) Departmental Institutes

Institute of Engineering Innovation

Under the leadership of the Dean of School of Engineering, the Institute fosters the following: strategic research for the creation of new scientific fields; large projects that contribute to the School of Engineering; collaborative programs between industries and the University; and the associate professor program for conducting new frontier research (designed for the education of outstanding young faculty members). Moreover, the Institute is in charge of the maintenance of basic technologies shared across the School of Engineering. It supports the use of a range of world-leading analysis and fabrication equipment both inside and outside the university (through a nationwide system for shared use).

Website in Japanese

Website in English



The world's highest performance electron microscope and super-clean room

Institute for Innovation in International Engineering Education

The Institute was established as a part of the School of Engineering in April 2011 in order to build a foundation for international education and research in the field of engineering, to gather excellent students and faculty from inside and outside Japan, and to promote international collaboration in education. The Institute aims to enhance the University's international at-tractiveness as a world-leading university and anticipate the future of Japan as a technology-oriented country. It includes the Division of Engineering Education, Division of Global Education, Division of International Cooperation and Exchange, Division of Interdisciplinary Research and Division of Creative Activity.

Website in Japanese

Website in English

Tea party organized by international students

Research Center for Water Environment Technology

In an effort to respond to various social needs in an environment-oriented society, this Research Center fosters research that develops advanced water environment management systems by fusing and linking fundamental and applied sciences. The center promotes frontier research to become a transdisciplinary and flexible core hub in the field of water engineering. The major fields are water quality control technologies and development of new materials; water system management focusing on micropollutants in water environments, and international water environment issues related to water and sanitation.

Website in Japanese

Website in English

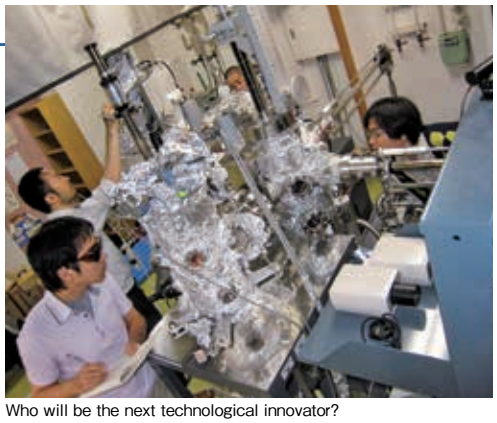
Survey on unregulated micropollutants in river

Quantum-Phase Electronics Center

The Quantum-Phase Electronics Center develops innovative principles for materials science for superefficient energy conversion and super energy-saving electronics, which are essential for the creation of a sustainable society. The Center conducts experiments and research on strongly correlated quantum matter to propose new principles for electronic technologies based on the emergence of quantum matter (such as Mottronics, topological electronics and skyrmionics) and performs tests to establish the principles.

Website in Japanese

Website in English



Who will be the next technological innovator?

The Frontier Research Center for Energy and Resources

The Frontier Research Center for Energy and Resources aims to create innovative and environment-friendly technologies to ensure a stable supply of energy and mineral resources. The Center also aims to develop novel technologies and systems for discovering and exploring frontier resources in deep sea and in space. In particular, the Center focuses on advanced research activities such as: 1) oil and natural gas development and CCS (Carbon dioxide Capture and Storage) for environmental harmonization, 2) development of seafloor methane hydrate around Japan, 3) exploration and development of seafloor mineral resources in the Japanese exclusive economic zone, and 4) creation of resources through artificial processes.

Website in Japanese

Website in English

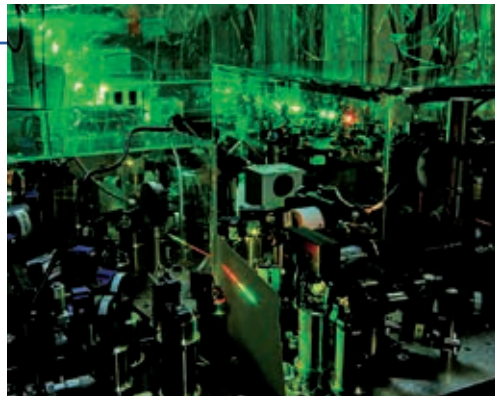
Survey on rare-earth elements and yttrium (REY)-rich mud conducted near Minamitorishima Island using a piston corer

Photon Science Center

The Photon Science Center was established with the aim of becoming an international center for optical science research and education. The Center is committed to building principles and technologies for modern optical science. It fosters doctoral education and supports young researchers. In particular, the Center aims to create innovative technologies to generate, manipulate, and utilize light waves and photons.

Website in Japanese

Website in English



Laser light source used to measure and control the world of photons at extremes

Medical Device Development and Regulation Research Center

Because technologies used in medical care and welfare devices affect human health, their risks and benefits need to be scientifically analyzed at the R&D stage to maximize benefits while minimizing risks. The Center conducts research on technologies for new medical care and welfare devices as well as on the methods for the scientific evaluation of the devices' performance and safety. The Center works toward early clinical use of the research results obtained at the School of Engineering for advanced medical care and welfare.

Website in Japanese

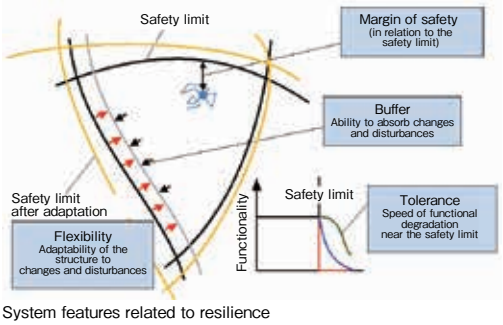
Research on a minimally invasive surgery support system in a medical technology evaluation laboratory

Resilience Engineering Research Center

New ideas for risk management are needed in a variety of fields, and the concept of resilience (which refers to a system's ability to maintain regular conditions by minimizing the influence of external disturbances or internal changes to its overall functionality) is drawing attention. The Center fosters education and research on principles and methodologies with the aim of creating resilient systems.

Website in Japanese

Website in English



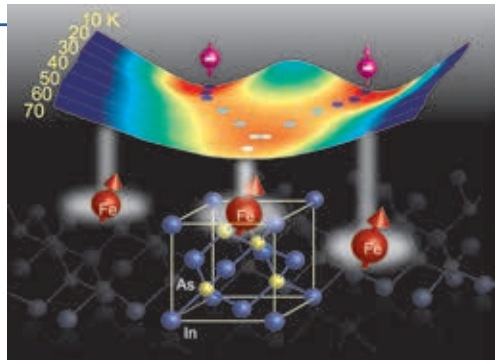
System features related to resilience

Center for Spintronics Research Network

Spintronics is an interdisciplinary research field in which materials, devices, and systems are developed by introducing spin degrees of freedom to electronics and information processing. The field has been rapidly developing in terms of both scientific and applied technologies, and the dramatic development of new energy-saving ICT is expected. The Center was established to build a nationwide network of researchers and bring their abilities together to foster innovation and make contributions to society.

Website in Japanese

Website in English



Creating innovative new substances, nanostructures, and/or devices with spin features and functions

Research into Artifacts, Center for Engineering

This research center conducts research and education on a new discipline for the development of methodologies and their systemization for next-generation manufacturing (including services) and value creation, in order to solve the various modern societal issues and realize a sustainable society. In concrete we promote the dissemination of artifactology to society by industry-academia-government co-creation, new fundamental research for next-generation manufacturing, and human resources development through these activities, by three research divisions on Value Creation, Cognitive Mechanism, and Applied Intelligence.

Website in Japanese

Website in English

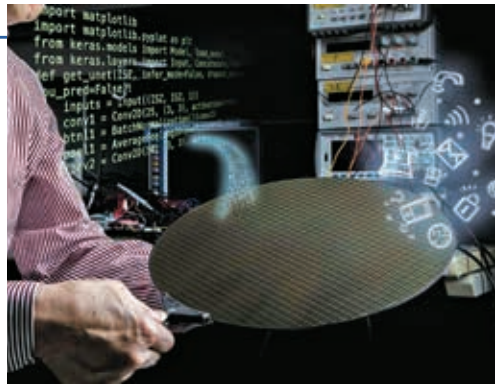

Simulation of part assembly by a robot, which is one of the efforts to solve problems in manufacturing

Systems Design Lab

The knowledge-intensive society is arriving. When the core of value shifts from products to services, what will happen to the manufacturing industry? Seeking the answer to this question is the mission of the (d.lab) laboratory. From the perspective of creating solutions, d.lab aims to rebuild the design methodology and manufacturing ecosystem so that anyone with a system idea can immediately obtain a dedicated chip. We create data-driven system design platforms and develop human resources who can play an active role in a data-driven society.

Website in Japanese

Website in English


Chips are created with a silicon compiler, according to how the software is written.

Campus Management Research Center

In the future society of the 21st century, management studies that differ from conventional architectural studies will be required. This center will promote the conservation and renewal of facilities, the utilization of historical spatial resources, and the use of information and communication technologies for the buildings on the University of Tokyo campus. While mutually developing the three perspectives of Facility Management (FM), Property Management (PM), and Information Management (IM), we will promote research, education, and practice with the goal of creating an ideal university space suitable for the future society.

Website in Japanese


The renovated Dream Lecture Hall 'KAJIMA HALL : Lecture Room No.15'

Nano-system Integration Center

This center is a platform to access the advanced instruments and machines used for nano-device fabrication. We encourage rapid prototyping for open innovation. Also, we accelerate digital transformation through incubation of start-up companies and university-industry collaboration. Our prototyping platform can cover electronic or optical devices, micro electro mechanical systems, micro fluid devices, etc. We also promote the further development of research and education on device design, fabrication, evaluation, and related material processes.

Website
in Japanese

Takeda building and Clean Room in the basement

4. Number of Faculty and Staff Members

(As of May 1, 2024)

Number of faculty members																		Total
Professor		Associate Professor		Lecturer		Assistant Professor		Research Assistant		Project Professor		Project Associate Professor		Project Lecturer		Project Assistant Professor		
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
161	10	111	6	44	4	116	17	2	2	14		23	4	13	4	55	8	594

Number of staff				Total
Administrative Division		Technical Division		
M	F	M	F	
58	76	70	18	222

Department	Number of faculty members									Total
	Professor	Associate Professor	Lecturer	Assistant Professor	Research Assistant	Project Professor	Project Associate Professor	Project Lecturer	Project Assistant Professor	
Department of Civil Engineering	12	5	3	10			1	1	1	33
Department of Architecture	11	9		7		1	3	1	5	37
Department of Urban Engineering	7	9	1	6			1	3	5	32
Department of Mechanical Engineering	8	7	8	8		1			1	33
Department of Precision Engineering	6	4	1	2					1	14
Department of Systems Innovation	14	13	4	6			1		4	42
Department of Aeronautics and Astronautics	11	6	1	8			3		4	33
Department of Electrical Engineering and Information Systems	17	8	2	5		2	2		7	43
Department of Applied Physics	8	6	6	19						39
Department of Materials Engineering	12	4	6	6		1			2	31
Department of Applied Chemistry	6	5	4	11		1		2	1	30
Department of Chemical System Engineering	8	3	2	7		1		1	4	26
Department of Chemistry and Biotechnology	6	5	2	9		1	1	1	4	29
Department of Advanced Interdisciplinary Studies	2		1	2						5
Department of Nuclear Engineering and Management	5	2		1					2	10
Department of Bioengineering	6	3	2	2			4	1	3	21
Department of Technology Management for Innovation	6	2					1	1	3	13
Nuclear Professional School	4	5		4	1		1		1	16
Research Center for Water Environment Technology	1	1				1			1	4
Quantum-Phase Electronics Center	4	1		4			1		2	12
Institute of Engineering Innovation	4	4	1	10	1	1	3	2	7	33
Frontier Research Center for Energy and Resources	2	2	1							5
Photon Science Center	1	1		2						4
Institute for Innovation in International Engineering Education	2	3	1		2	1	3	1	2	15
Medical Device Development and Regulation Research Center	1	1						1		3
Resilience Engineering Research Center	2	1								3
Center for Spintronics Research Network		2					1		1	4
Research into Artifacts, Center for Engineering	4	2	1	2		1			2	12
Systems Design Lab.	1	2	1	2		1	1	1		9
Campus Management Research Center								1		1
Environmental Health and Safety Office		1								1
Academic Strategy Office						1				1
Total	171	117	48	133	4	14	27	17	63	594

Administrative/ Technical Devision	Total
General Manager	1
Student Affairs Group	46
Research Promotion Group	19
International Affairs Group	8
Information Library Group	11
General Affairs Group	28
Finance Group(with 4 technical staff member)	20
Manager for Coordination, the Graduate School of Information Science and Technology	1
Subtotal	134
Technical Division	88
Total	222

5. Student Data

(1) Number of Undergraduate Students and Research Students in the School of Engineering (As of May 1, 2024)

Department	Admission Capacity	No. of students			No. of research students			No. of new students
		M	F	Total	M	F	Total	
Department of Civil Engineering	80	93	19	112				51
Department of Architecture	120	87	40	127	1		1	(2) <1> 59
Department of Urban Engineering	100	81	39	120	1		1	(2) 55
Mechanical engineering departments		264	22	286				(3) 133
Department of Mechanical Engineering	170							
Department of Mechano-Informatics	80							
Department of Aeronautics and Astronautics	104	112	5	117				(2) 57
Department of Precision Engineering	90	84	15	99				(2) 46
Electronic engineering/information departments		273	13	286				(4) <1> 〔1〕 137
Department of Information and Communication Engineering	80							
Department of Electrical and Electronic Engineering	150							
Department of Applied Physics	100	112	6	118				(2) 55
Department of Mathematical Engineering and Information Physics	110	127	8	135				(2) 61
Department of Materials Engineering	150	157	16	173				74
Department of Applied Chemistry	110	100	11	111	2		2	51
Department of Chemical System Engineering	100	81	18	99				47
Department of Chemistry and Biotechnology	100	73	25	98				43
Department of Systems Innovation	232	257	33	290				(1) 129
Total	1,876	1,901	270	2,171	4	0	4	(20) <2> 〔1〕 998

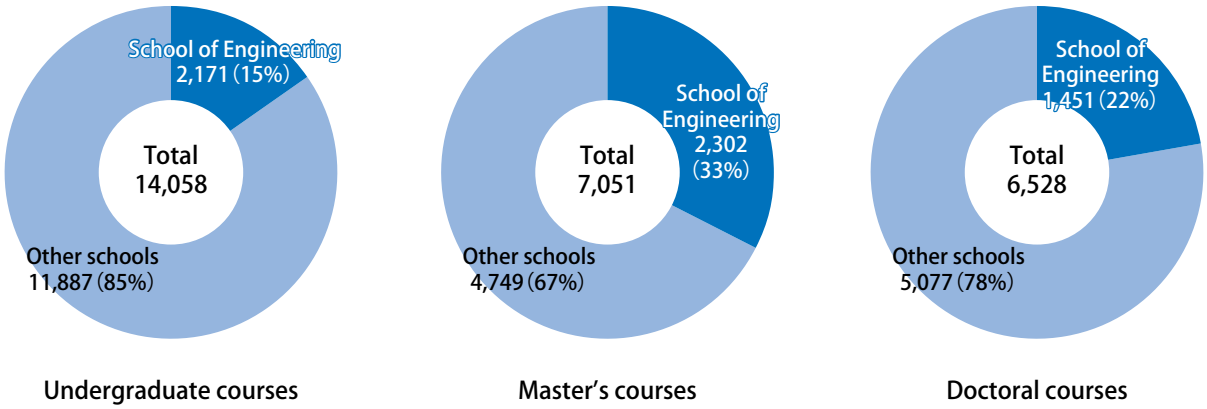
* Admission capacity: From the values in the table addended to "Department Regulations Chapter 1, Article 2," the number of undergraduates for the latter half of the curriculum (annual)
* The total in the admission capacity column includes third-year students transferred from other departments (10 people x 2 years = 20 people).
* Regarding the number of new students: students transferred from other colleges or universities are shown in parentheses, students transferred from other departments are shown in brackets, and students entering the department after graduating from other departments, colleges or universities are shown in angled brackets.

(2) Number of Graduate Students and Research Students in the School of Engineering (As of May 1, 2024)

Department	Master's course				Doctoral course				Professional school				No. of foreign research students			No. of research students			No. of new students		
	Admission capacity	M	F	Total	Admission capacity	M	F	Total	Admission capacity	M	F	Total	M	F	Total	M	F	Total	Master's	Doctoral	Professional school
Department of Civil Engineering	104	142	34	176	72	88	24	112									1	1	60	16	
Department of Architecture	74	129	74	203	48	72	37	109					5	8	13				71	12	
Department of Urban Engineering	74	111	60	171	33	40	29	69					2		2				37	6	
Department of Mechanical Engineering	104	198	15	213	75	131	24	155					2		2		2	2	85	18	
Department of Precision Engineering	54	92	10	102	36	48	6	54					4		4				40	9	
Department of Systems Innovation	90	179	31	210	57	69	11	80					4	4	8				95	10	
Department of Aeronautics and Astronautics	74	114	14	128	54	58	3	61					4	1	5				61	16	
Department of Electrical Engineering and Information Systems	140	272	41	313	96	145	12	157					6	1	7				143	31	
Department of Applied Physics	84	108	5	113	57	85	2	87					1		1		1	1	60	24	
Department of Materials Engineering	90	98	10	108	60	36	12	48					6	3	9				40	10	
Department of Applied Chemistry	66	105	18	123	39	51	8	59											55	22	
Department of Chemical System Engineering	56	92	18	110	39	39	15	54					1		1				48	13	
Department of Chemistry and Biotechnology	64	79	33	112	39	78	24	102											51	21	
Department of Advanced Interdisciplinary Studies					138	94	42	136						1	1				0	27	
Department of Nuclear Engineering and Management	44	57	3	60	33	36	5	41					1	1	2				27	8	
Department of Bioengineering	58	49	20	69	36	53	20	73						3	3				27	13	
Department of Technology Management for Innovation	35	66	25	91	24	48	6	54						1	1				33	4	
Nuclear Professional School									15	12	1	13									13
Total	1,211	1,891	411	2,302	936	1,171	280	1,451	15	12	1	13	36	23	59	0	4	4	933	260	13

(3) Percentage of Students Enrolled at the School of Engineering at the University of Tokyo

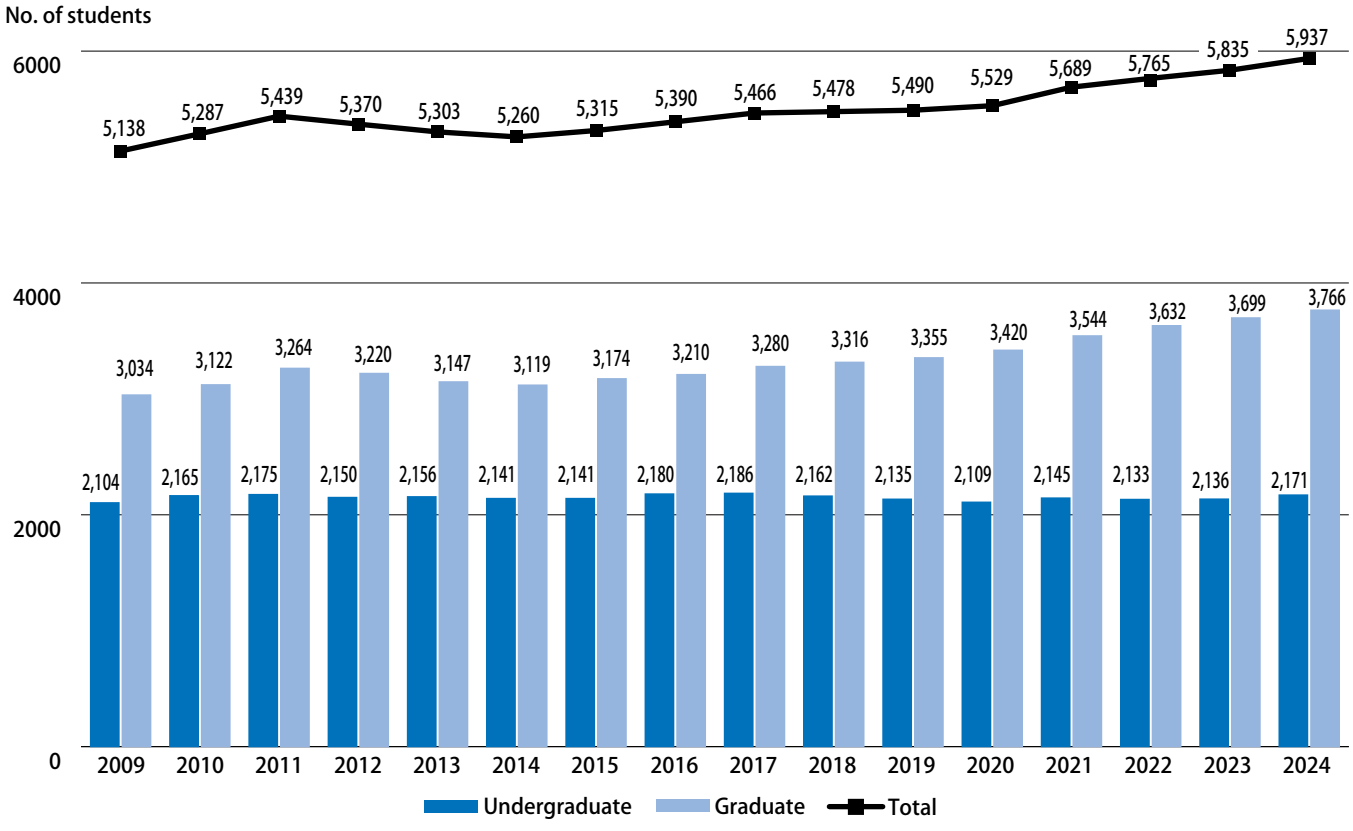
(As of May 1, 2024)



Undergraduate courses　　Master's courses　　Doctoral courses

(4) Number of Students by Year (As of May 1 each year) *Including students attending professional school

Academic year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Undergraduate	2,104	2,165	2,175	2,150	2,156	2,141	2,141	2,180	2,186	2,162	2,135	2,109	2,145	2,133	2,136	2,171
Graduate	3,034	3,122	3,264	3,220	3,147	3,119	3,174	3,210	3,280	3,316	3,355	3,420	3,544	3,632	3,699	3,766
Total	5,138	5,287	5,439	5,370	5,303	5,260	5,315	5,390	5,466	5,478	5,490	5,529	5,689	5,765	5,835	5,937



(5) Number of Doctoral Graduates

Category	Former system	New system (Doctorate by course of study)		New system (Doctorate by dissertation)		Total	
	Cumulative total	Academic year 2023	Cumulative total	Academic year 2023	Cumulative total	Academic year 2023	Cumulative total
Doctor of Engineering	1,916		2,940		3,202		8,058
Doctor (Engineering)		312	8,135	17	2,948	329	11,083
Doctor (Other)		3	141	0	17	3	158

(6) Number of Doctoral Graduates by Year

Academic year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Doctorate by course of study (Engineering)	265	269	266	232	241	261	273	252	251	266	254	312
Doctorate by dissertation	5	7	3	7	4	8	2	6	3	3	3	3
Doctorate by course of study (Other)	49	37	35	24	35	35	34	30	21	24	26	17
Doctorate by dissertation (Other)	0	0	1	0	0	3	1	1	0	0	0	0
Total	319	313	305	263	280	307	310	289	275	293	283	332

(7) Paths after Graduation (As of March 31, 2023)

Path		Undergraduate	Master's	Doctoral	Professional School
Individuals who graduated		981	1,043	305 (*46)	15
Next stage of education	Graduate schools	834	222	16	
	Other undergraduate courses	2	1		
	Specialized training colleges/foreign schools	5	7	6	
	Subtotal	841	230	22	
Employment	Agriculture and forestry		1		
	Fisheries				
	Mining and quarrying of stone and gravel				
	Construction	1	52	7	
	Manufacturing	9	226	58	
	Electricity, gas, heat supply, and water		17	3	11
	Information and communications	22	91	12	1
	Transport and postal activities	2	18	1	
	Wholesale and retail trade	2	10		
	Finance and insurance	4	42	4	
	Real estate, renting, and leasing	3	18		
	Scientific research and professional/technical services	4	41	75	
	Accommodations, eating and drinking services				
	Living-related and personal services and amusement services	4	6	1	
	Education and learning support	1	4	9	
	Medical, health care and welfare		6	1	
	Compound services	3	11		
	Services (not elsewhere classified)	6	12	1	
	Government, except elsewhere classified	2	25	5	
	Other(Industries unable to classify)	6	46	10	
	Subtotal	69	626	187	12
Other		71	187	96	3

* The numerical figure in parentheses shows the number of students who completed coursework without a degree and is included in the total number.

6. International Exchange

(1) Partner Universities/Institutes with Academic Exchange Agreements (As of May 1, 2024)

Region	Country/Region		University (Institution)
Asia	India	＊	Indian Institute of Technology Kharagpur (MOU only)
		＊	Indian Institute of Technology Kanpur (MOU only)
		＊	Indian Institute of Technology Delhi (MOU only)
		＊	Indian Institute of Technology Hyderabad (MOU only)
		＊	Indian Institute of Technology Madras (MOU only)
		◆＊	Indian Institute of Technology Bombay
		＊	Indian Institute of Technology Roorkee
		＊	Indian Institute of Management Bangalore
	Indonesia	＊	Bandung Institute of Technology (MOU only)
	Kazakhstan		Faculty of Mechanics and Mathematics, Faculty of Biology, Faculty of Chemistry, Faculty of Physics, Al-Farabi Kazakh National University
			School of Engineering and Digital Sciences, Nazarbayev University
	Singapore		College of Engineering, Nanyang Technological University
	Singapore and China	＊	School of Design and Environment, National University of Singapore / College of Architecture and Urban Planning, Tongji University / School of Architecture, Tsinghua University
	Sri Lanka		Faculty of Engineering, University of Moratuwa
	Thailand	＊	Faculty of Engineering, Chulalongkorn University
		＊	Sirindhorn International Institute of Technology (SIIT), Thammasat University
		◆＊	Asian Institute of Technology
			Coordinating Committee for Geoscience Programmes in East and Southeast Asia
	Vietnam	＊	Hanoi University of Science, Vietnam National University, Hanoi (MOU only)
			Hue University of Sciences
			Vietnam Academy of Science and Technology, Vietnam National Satellite Center
			Hanoi University of Science and Technology
	South Korea		The College of Engineering, the College of Life Science and Bioengineering, Korea Advanced Institute of Science and Technology (KAIST)
		◆	Sungkyunkwan University
	South Korea and China	＊	College of Engineering, Seoul National University / Tsinghua University
	China	◆	University of Science and Technology of China
		◆	Tsinghua University
		◆	Zhejiang University
			Central South University
			Chongqing University
		＊	Xi' an Jiaotong University
		＊	Dalian University of Technology
			Tianjin University
		＊	Graduate School of Tongji University
			Beijing University of Chemical Technology
		＊	Beijing Jiaotong University
			North China Electric Power University
		＊	Faculty of Construction and Environment, the Hong Kong Polytechnic University
			School of Mechanical & Automotive Engineering, South China University of Technology
			Shenzhen University
	Taiwan		College of Design, College of Engineering, National Taipei University of Technology
			College of Electrical Engineering and Computer Science, National Cheng Kung University
			Industrial Technology Research Institute
			College of Technology Management, National Tsing Hua University
		＊	College of Engineering, National Taiwan University (MOU only)
			Asia University (Taiwan)
			College of Engineering, Chung Yuan Christian University
			National Applied Research Laboratories of Taiwan, R.O.C
		＊	College of Science・College of Engineering, National Sun Yat-sen University
	Myanmar		Yangon Technological University
Oceania	Australia	＊	Royal Melbourne Institute of Technology (RMIT)
		◆	University of South Australia
		＊	Science and Engineering Faculty, Queensland University of Technology
	New Zealand	＊	The College of Engineering, The University of Canterbury
Middle East	UAE		College of Engineering, Khalifa University of Science, Technology and Research
			Faculty of Engineering Technology, Higher Colleges of Technology
			United Arab Emirates University
	Saudi Arabia		King Abdullah University of Science and Technology (KAUST)
	Turkey	＊	Faculty of Engineering, Middle East Technical University
		◆＊	Istanbul Technical University
Central and South America	Brazil	◆	The University of São Paulo
		◆	Federal University of Pernambuco
North America	United States of America	＊	Massachusetts Institute of Technology
			The University of Washington College of Engineering (Seattle)
			Clemson University
		◆	Rice University
		＊	University of California (MOU only)
			Eli and Edythe Broad CIRM Center for Regenerative Medicine and Stem Cell Research, the University of Southern California
			Harvard School of Dental Medicine
			Massachusetts General Hospital
	Canada	◆	University of Toronto
		＊	McMaster University

Region	Country/Region	University (Institution)	
Europe	United Kingdom	◆	University of Essex
			Business School and Department of Geography, Durham University
			School of Engineering, Cardiff University
			Department of Engineering, University of Cambridge
			National Oceanography Centre
	Italy	◆＊	Politecnico di Torino
		＊	Politecnico di Milano
		＊	L'Istituto di BioRobotica, Scuola Superiore di Studi Universitari edi Perfezionamento Sant'Anna
		＊	University of Trento (MOU only)
	Austria	＊	Vienna University of Technology
		＊	Graz University of Technology
	The Netherlands	＊	Faculty of Mechanical, Maritime and Materials Engineering, Delft University of Technology
		＊	University of Twente
	Switzerland	◆＊	Swiss Federal Institute of Technology Lausanne (EPFL)
	Sweden	＊	Chalmers University of Technology
		◆	Lund University
		＊	Luleå University of Technology
		＊	The Institute of Technology, Linköping University
			The Swedish Governmental Agency for Innovation Systems (VINNOVA)
		＊	KTH Royal Institute of Technology
	Spain	＊	School of Architecture, Technical University of Madrid
		＊	Universitat Politècnica de València
	Denmark	＊	Technical University of Denmark
	Germany	＊	Technical University of Munich
		◆＊	University of Stuttgart
		＊	Karlsruhe Institute of Technology
		＊	Darmstadt University of Technology
		＊	Faculty of Engineering, Friedrich-Alexander University Erlangen-Nuremberg
		＊	Faculty of Mathematics, Computer Science and Natural Sciences, Faculty of Architecture, Faculty of Civil Engineering, Faculty of Mechanical Engineering, Faculty of Georesources and Materials Engineering, and Faculty of Electrical Engineering and Information Technology, RWTH Aachen University
		＊	Faculty of Civil Engineering, the Bauhaus-Universität Weimar
		＊	Brandenburg University of Technology Cottbus-Senftenberg
		＊	Technische Universität Braunschweig, Institute of Machine Tools and Production Technology
		＊	Technische Universität Braunschweig, Institute for Automotive Industry and Industrial Production
		◆	Ruhr University Bochum
		＊	Faculty of Mechanical Engineering of Ruhr University Bochum
		＊	Faculty of Mathematics and Computer Science, Julius-Maximilians-Universität Würzburg
	Norway	◆＊	Norwegian University of Science and Technology (NTNU)
	Finland	＊	School of Chemical Engineering, School of Electrical Engineering ,School of Engineering, School of Science, Aalto University (former Helsinki University of Technology)
		◆	University of Oulu
	France	◆	École Polytechnique
		＊	Centrale Supèlec Université Paris-Saclay
		＊	IMT Atlantique (former École des Mines de Nantes)
		＊	National Institute of Applied Sciences of Lyon (INSA Lyon)
		＊	Sorbonne University (former University Pierre et Marie Curie)
		＊	École des Ponts ParisTech (ENPC)
		＊	École des Mines de Paris
		＊	Institut Supérieur de l' Aéronautique et de l' Espace (ISAE)
		＊	École Centrale de Lyon
		＊	French Civil Aviation University (ENAC)
			École Nationale Supérieure d' Architecture de Paris la Villette
		＊	University of Technology of Troyes
		＊	Universite Savoie Mont Blanc
		＊	École Normale Supérieure Paris-Saclay (former Ecole normale supérieure de Cachan)
		＊	University of Technology of Compiegne
		＊	Polytech Paris-Saclay - Université Paris-Saclay (former Paris-Sud University)
		＊	University of Bordeaux
			Université Gustave Eiffel
	Poland		National Centre for Nuclear Research (NCBJ)
	Romania		Transilvania University of Braşov
			Faculty of Economics and Law, Faculty of Mechanics and Technology, Faculty of Electronics, Communications and Computers, The University of Pitești
	Russia	＊	Saint Petersburg State University
	EU (France・Belgium・Portugal・Germany・Bulgaria)	＊	Architecture and Urbanism Student Mobility International Programme (AUSMIP) École Nationale Supérieur d'Architecture de Paris La Villette / Faculty of Architecture, The University of Leuven; / Faculty of Architecture, University of Lisbon / Department of Architecture, Technical University of Munich / The University of Architecture, Civil Engineering and Geodesy, Sofia

A total of 135 partner universities/institutions in 37 countries and regions

Universities/institutions shown with *: Credit transfers and tuition waivers included in the agreements

Universities/institutions shown with ◆: University-wide (UW) agreements

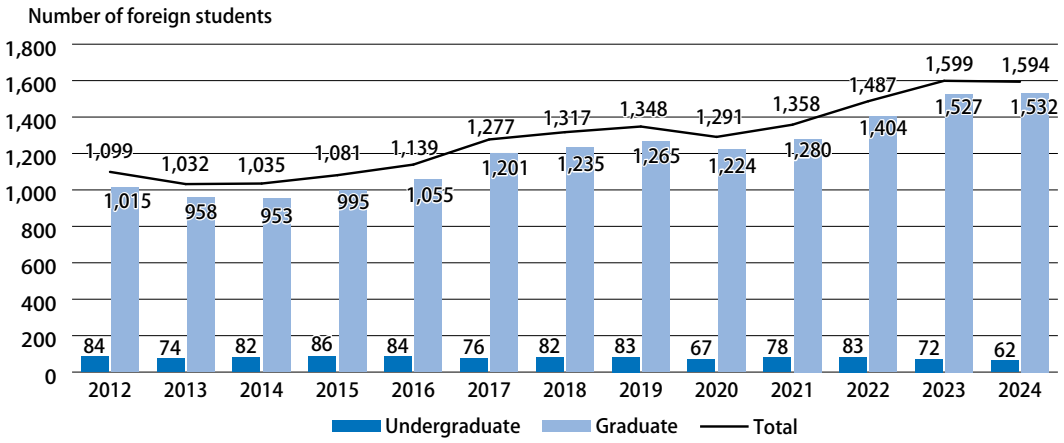
The table above shows the UW and department-level agreements of which the School of Engineering is in charge. For other agreements in The University of Tokyo, refer to the following International Affairs Department page:

http://dir.u-tokyo.ac.jp/SysKyotei/01/?module=User&clear=1

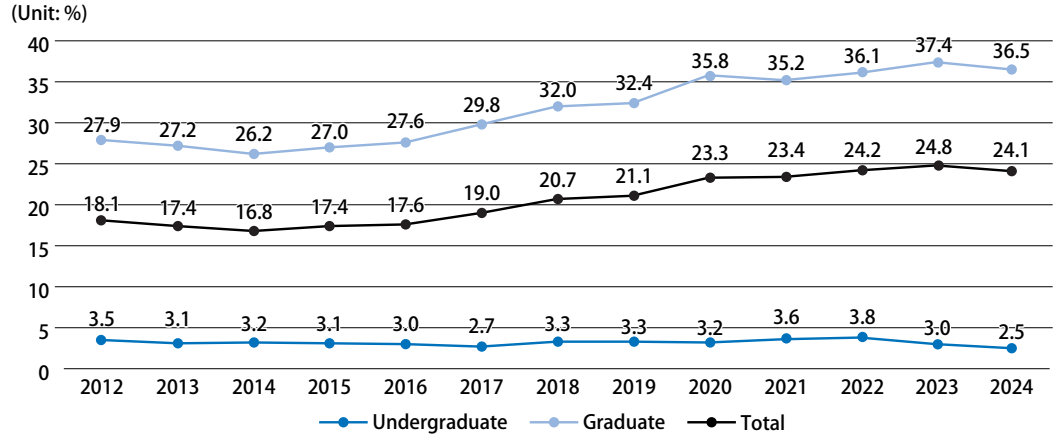
(2) Number of Foreign Students (As of May 1, 2024)

Department	Undergraduate			Undergraduate research student			Undergraduate auditor			Undergraduate special auditor			Subtotal	Master's course			Doctoral course			Graduate school foreign research student			Graduate special research student			Graduate special auditor			Graduate school research student			Subtotal	Total
	M	F	Total	M	F	Total	M	F	Total	M	F	Total		M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total		
Department of Civil Engineering	1		1										1	45	15	60	65	18	83				2		2	2	1	3				148	149
Department of Architecture	1	1	2										2	18	35	53	41	20	61	5	8	13	5	1	6	4	4	8				141	143
Department of Urban Engineering		1	1										1	10	17	27	9	20	29	2		2	1	1	2	1		1				61	62
Department of Mechanical Engineering	1		1							4	1	5	6	52	7	59	86	20	106	2		2	3	2	5	5	1	6		1	1	179	185
Department of Mechano-Informatics	1		1										1																			1
Department of Precision Engineering	1		1										1	36	7	43	23	5	28	4		4		2	2	1	3	4				81	82
Department of Systems Innovation	6		6										6	42	16	58	43	9	52	4	4	8	1		1	3		3				122	128
Department of Aeronautics and Astronautics	1		1										1	5	2	7	15	2	17	4	1	5		1	1	5	1	6				36	37
Department of Electrical Engineering and Information Systems														100	29	129	98	10	108	6	1	7	3	1	4	8	1	9				257	257
Department of Information and Communication Engineering	11	1	12							1		1	13																				13
Department of Electrical and Electronic Engineering	7		7										7																				7
Electronic engineering&information departments																																	
Department of Applied Physics	4		4										4	10		10	16	1	17	1		1	2	1	3	1	1	2				33	37
Department of Mathematical Engineering and Information Physics	6	4	10										10																				10
Department of Materials Engineering	1		1							1		1	2	13	3	16	17	10	27	6	3	9	2		2		2	2				56	58
Department of Applied Chemistry	2	1	3										3	19	5	24	15	3	18					1	1							43	46
Department of Chemical System Engineering	1		1										1	17	5	22	23	12	35	1		1	2	3	5	1	1	2				65	66
Department of Chemistry and Biotechnology	1	2	3										3	11	9	20	31	17	48							1		1				69	72
Department of Advanced Interdisciplinary Studies																	35	21	56		1	1	1		1							58	58
Department of Nuclear Engineering and Management														16	2	18	24	5	29	1	1	2	2		2	1	1	2				53	53
Department of Bioengineering														10	7	17	27	13	40		3	3		1	1		3	3				64	64
Department of Technology Management for Innovation														13	19	32	23	4	27		1	1	3		3	2		2				65	65
Nuclear Professional School																																	
Other																											1	1				1	1
Total	45	10	55							6	1	7	62	417	178	595	591	190	781	36	23	59	27	14	41	35	20	55		1	1	1,532	1,594

(3) Number of Foreign Students by Year (As of May 1 each year)



(4) Percentage of Foreign Students by Year (As of May 1 each year)



*Only for students taking regular courses (Research students and auditors are excluded)

(5)Number of Foreign Students by Nationality (As of May 1, 2024)

Region (No. of countries)	Nationality	Undergraduate students, research students, special auditors, and auditors					Master's course					Doctoral course					Graduate school foreign research student				Graduate research student	Graduate special research student		Graduate special auditor	Total	Total (%)
		Japanese government-sponsored	Self-sponsored	Foreign government sponsored	Permanent residents	Subtotal	Japanese government-sponsored	Self-sponsored	Foreign government sponsored	Permanent residents	Subtotal	Japanese government-sponsored	Self-sponsored	Foreign government sponsored	Permanent residents	Subtotal	Japanese government-sponsored	Self-sponsored	Permanent residents	Total	Self-sponsored	Self-sponsored	Other	Self-sponsored		
Asia (21)	Pakistan						4	5			9	3	2			5									14	1,414 (88.71%)
	India						7	2			9	9	16		1	26		1		1				1	37	
	Nepal						1	6			7	1				1									8	
	Bangladesh						1			1	2		2			2	1			1					5	
	Sri Lanka						1	3			4	1	3			4									8	
	Myanmar		1			1	2	2			4		1			1	2			2					8	
	Thailand						1	1			2	9	6			15	2			2		1			20	
	Malaysia						3	2			5														5	
	Indonesia	1				1	2	15			17	2	20			22	1			1					41	
	The Philippines						2	10			12	3	3			6									18	
	China (Inner Mongolia)												1			1									1	
	China (Hong Kong)						1	2		2	5	1	4			5									10	
	South Korea	5	4		3	12	5	46		7	58	5	46		4	55		4		4					129	
	Mongolia	1				1	1	3			4	1				1	1			1					7	
	Vietnam							2			2	1	1		1	3	1			1					6	
	China		18		22	40	2	373		26	401	28	505		11	544	1	27		28		25		3	1,041	
	Cambodia							1			1	1				1									2	
	Singapore						1			1	2		1			1									3	
	Laos							1			1														1	
	Taiwan		4			4		7			7		29		2	31		2		2	1	3		1	49	
	Uzbekistan							1			1														1	
Middle East (5)	Iran											2	1			3									3	15 (0.94%)
	Turkey						2				2	1	1			2	1			1		1			6	
	Jordan																1			1					1	
	Saudi Arabia												4			4									4	
	Syria						1				1														1	
Africa (10)	Egypt						1	1			2	4	2			6	1			1					9	20 (1.25%)
	Sudan						1				1		1			1									2	
	South Africa						1				1														1	
	Malawi											1				1									1	
	Togo												1			1									1	
	Benin																					1			1	
	Uganda						1				1														1	
	Morocco																					1			1	
	Tunisia																							1	1	
	Rwanda							1			1	1				1									2	
Oceania (2)	Australia						1				1														1	4 (0.25%)
	New Zealand											2	1			3									3	
North America (2)	Canada						1	1		1	3	1	2			3	1			1					7	22 (1.38%)
	United States		2			2	1	4			5		5			5	3			3					15	
Central and South America (10)	Mexico						1				1		1			1						1			3	21 (1.32%)
	Brazil							1		1	2	3	1		1	5									7	
	Bolivia												1			1									1	
	Peru						1				1	1				1									2	
	Costa Rica														1	1									1	
	Panama						1				1														1	
	Nicaragua																	1		1					1	
	Chile						2	1			3														3	
	Ecuador						1				1														1	
	Argentina											1				1									1	
Europe (21)	Estonia																							1	1	98 (6.15%)
	Sweden																	1		1		2		5	8	
	United Kingdom												1		1	2									2	
	The Netherlands				1	1																			1	
	Germany							1			1	1	2			3	1	1		2				11	17	
	France						2	7			9		1			1		1		1		3		18	32	
	Spain							1			1	1	1			2						1			4	
	Portugal												1			1									1	
	Italy												2			2						1		3	6	
	Austria																					1		5	6	
	Switzerland												2			2								3	5	
	Poland											1				1	1			1					2	
	Bulgaria																1			1					1	
	Norway																							2	2	
	Denmark												1			1								1	2	
	Albania						1				1	1				1									2	
	Cyprus												1			1									1	
	Bosnia and Herzegovina						1				1														1	
	Kosovo						1				1														1	
	Ukraine																	2		2					2	
	Russia							1			1														1	
Total	71 countries	7	29		26	62	55	501		39	595	86	673		22	781	20	39		59	1	41		55	1,594	

7. Research Activities

(1)External Financial Sources

Type	Academic year 2020		Academic year 2021		Academic year 2022		Academic year 2023	
	No. of cases	Amount (1,000 yen)	No. of cases	Amount (1,000 yen)	No. of cases	Amount (1,000 yen)	No. of cases	Amount (1,000 yen)
Grants-in-Aid for Scientific Research	660	3,880,451	656	3,387,673	683	3,655,031	657	3,367,743
Commissioned research, etc.	482	7,512,944	451	10,434,712	441	14,339,855	436	13,136,599
Cooperative Research	580	4,708,465	473	4,857,204	590	5,447,379	621	6,737,063
Donations	355	1,338,846	385	1,570,429	352	2,077,520	394	1,648,947
Other subsidies	64	1,083,058	56	562,511	74	792,245	54	738,228
Total	2,141	18,523,764	2,021	20,812,529	2,140	26,312,030	2,162	25,628,580

(2)Sponsored Chairs (As of April 1, 2024) (Unit: 1,000 yen)

Description	Sponsor	Total amount donated	Duration	Department
Laboratory for Urban Sustainnability and Renaissance Studies	Mitsui Fudousan Co.,Ltd.; Mitsubishi Estate Co.,Ltd.; Mori Building Co.,Ltd.; Sumitomo Realty&Development Co.,Ltd.; Sekisui House,Ltd.; Development Bank of Japan; Obayashi Corporation; Kajima Corporation; Shimizu Corporation; Taisei Corporation; Takenaka Corporation; and East Japan Railway Conpany	138,000	Oct. 1, 2022 to Sep. 30, 2027	Urban Engineering
	Mitsui Fudosan Co., Ltd.; Mitsubishi Estate Co., Ltd.; Mori Building Co., Ltd.; Obayashi Corporation; Kajima Corporation; Shimizu Corporation; Taisei Corporation; Takenaka Corporation; Sekisui House, Ltd.; and East Japan Railway Company	115,000	(Oct. 1, 2017 to Sep. 30, 2022)	
	Mitsui Fudosan Co., Ltd.; Mitsubishi Estate Co., Ltd.; Mori Building Co., Ltd.; Obayashi Corporation; Kajima Corporation; Shimizu Corporation; Takenaka Corporation; Sekisui House, Ltd.; Tokyo Gas Co., Ltd.; Hitachi, Ltd.; and Taisei Corporation	113,000	(Oct. 1, 2012 to Sep. 30, 2017)	
	Sumitomo Realty & Development Co., Ltd.; Tokyo Tatemono Co., Ltd.; Mitsubishi Estate Co., Ltd.; Mitsui Fudosan Co., Ltd.; Mori Building Co., Ltd.; Obayashi Corporation; Kajima Corporation; Shimizu Corporation; Taisei Corporation; Takenaka Corporation; East Japan Railway Company; Tokyo Electric Power Co., Inc.; Tokyo Gas Co., Ltd.; and Sekisui House, Ltd.	156,000	(Oct. 1, 2007 to Sep. 30, 2012)	
Power Frontier Laboratory	Sumitomo Electric Industries, Ltd.; Central Japan Railway Company ; TAKAOKA TOKO CO., LTD.; NGK Insulators, Ltd.; and Mitsubishi Electric Corporation	112,500	Jun. 1, 2023 to May. 31, 2028	Electrical Engineering
	Mitsubishi Electric Corporation; Sumitomo Electric Industries, Ltd.; NGK Insulators, Ltd.; TAKAOKA TOKO CO., LTD.; and Central Japan Railway Company	112,500	(Jun. 1, 2018 to May. 31, 2023)	
	Hitachi, Ltd.; Mitsubishi Electric Corporation; and Sumitomo Electric Industries, Ltd.	150,000	(Jun. 1, 2013 to May. 31, 2018)	
	Kansai Electric Power Co., Inc.; Hitachi, Ltd.; Mitsubishi Electric Corporation; and Sumitomo Electric Industries, Ltd.	200,000	(Jun. 1, 2008 to May. 31, 2013)	
Ubiquitous Power Grid Laboratory	Electric Power Development Co., Ltd.; Toshiba Energy Systems & Solutions Corporation; East Japan Railway Company; Hitachi, Ltd; FUJI ELECTRIC CO., LTD.; and Meidensha Corporation	121,500	Jun. 1, 2023 to May. 31, 2028	Electrical Engineering
	East Japan Railway Company; Toshiba Energy Systems & Solutions Corporation; Electric Power Development Co., Ltd.; FUJI ELECTRIC CO., LTD.; Meidensha Corporation; and Hitachi, Ltd	136,500	(Jun. 1, 2018 to May. 31, 2023)	
	East Japan Railway Company; Toshiba Corporation; Electric Power Development Co., Ltd.; Fuji Electric Co., Ltd.; and Meidensha Corporation	112,500	(Jun. 1, 2013 to May. 31, 2018)	
	East Japan Railway Company; and Toshiba Corporation	130,000	(Jun. 1, 2008 to May. 31, 2013)	
Sustainable Basic Materials Management Engineering	NIPPON STEEL CORPORATION; JFE Steel Corporation; and Kobe Steel, Ltd.	195,000	Oct. 1, 2022 to Sep. 30, 2027	Materials Engineering
	NIPPON STEEL CORPORATION; JFE Steel Corporation; and Kobe Steel, Ltd.	195,000	(Oct. 1, 2017 to Sep. 30, 2022)	
Manegement and Organaization of the Building Process Laboratory	Obayashi Coporation; Kajima Corporation; Shimizu Corporation; TaiseiCorporation; and Takenaka Corporation	250,000	Apr. 1, 2022 to Mar. 31, 2027	Architecture
	Obayashi Coporation; Kajima Corporation; Shimizu Corporation; TaiseiCorporation; and Takenaka Corporation	250,000	(Apr. 1, 2017 to Mar. 31, 2022)	
Construction System Management for Innovation	Japan Federation of Construction Contractors; Civil Engineering Consultants Association; Japan Geotechnical Consultants Association; Japan Federation of Survey Planning Associations; and Japan Construction Machinery and Construction Association	306,000	Oct. 1, 2021 to Sep. 30, 2024	Civil Engineering, Precision Engineering
	Japan Federation of Construction Contractors; Civil Engineering Consultants Association; Japan Geotechnical Consultants Association; Japan Federation of Survey Planning Associations; and Japan Construction Machinery and Construction Association	311,850	(Oct. 1, 2018 to Sep. 30, 2021)	
Blockchain Innovation	Good Luck 3 Inc.; TOYOTA MOTOR CORPORATION; Sumitomo Mitsui Financial Group, Inc.; Casley Deep Innovations,Inc.; Sparkle AI,Inc.; and Watanabe Sota	76,500	Feb. 1, 2024 to Jan. 31, 2027	Technology Management for Innovation
	Good Luck 3 Inc.; and Star Mountain Co.,Ltd.	41,000	(Feb. 1, 2022 to Jan. 31, 2024)	
	Sumitomo Mitsui Financial Group,Inc.; Hotto Link Inc.; Money Forward Financial,Inc; Good Luck 3 Inc.; JSS Co.,Ltd.; and Zipper Co.,Ltd.	90,000	(Nov. 1, 2018 to Jan. 31, 2022)	
Photonic quantum information processing	Nichia Corporation	400,000	Apr. 1, 2019 to Mar. 31, 2027	Institute of Engineering Innovation
ADVANTEST D2T Research Department	Advantest Corporation	90,000	Oct. 1, 2022 to Sep. 30, 2025	Systems Design Lab.
	Advantest Corporation	90,000	(Oct. 1, 2019 to Sep. 30, 2022)	
Biosystems Engineering for Health and Longevity	The Frontier Medical Sciences Foundation	150,000	Nov. 1, 2019 to Oct. 31, 2024	Bioengineering
Innovation for Sewerage Systems	Tokyo Metropolitan Sewerage Service Corporation	190,000	Apr. 1, 2020 to Mar. 31, 2025	Urban Engineering
Aerospace Innovative Structural Design	IHI AEROSPACE Co.,Ltd	150,000	Apr. 1, 2023 to Mar. 31, 2026	Aeronautics and Astronautics
	IHI AEROSPACE Co.,Ltd	140,000	(Apr. 1, 2020 to Mar. 31, 2023)	
Design Studies Course for Urban Resilience	FUKKEN CO.,LTD.; Asia Air Survey Co., Ltd.	60,000	Apr. 1, 2024 to Mar. 31, 2027	Civil Engineering
	FUKKEN CO.,LTD.; Asia Air Survey Co., Ltd.	60,000	(Apr. 1, 2021 to Mar. 31, 2024)	
Chair for AI Business Transformation	PwC Japan LLC	300,000	Jun. 1, 2021 to May. 31, 2024	Technology Management for Innovation

Description	Sponsor	Total amount donated	Duration	Department
Entrepreneurship Education System Design	Industrial Growth Platform, Inc.; The University of Tokyo Edge Capital Partners Co., Ltd.; Matsuo Institute, Inc.; and KDDI CORPORATION	120,000	Jul. 1, 2021 to Jun. 30, 2024	Technology Management for Innovation
Chair for World Models and Simulators	SQUARE ENIX AI & ARTS Alchemy Co., Ltd.; Sony Group Corporation; and NEC Corporation	550,000	Jul. 1, 2021 to Jun. 30, 2026	Research into Artifacts, Center for Engineering
Advanced Nano System Integration Technology	FET Japan, Inc.	150,000	Jul. 1, 2022 to Jun. 30, 2027	Systems Design Lab.
Global Consumer Intelligence	Recruit Holdings Co., Ltd.; Culture Convenience Club Co., Ltd.; Tokai Tokyo Securities Co., Ltd.; and Tokai Tokyo Financial Holdings, Inc.	240,000	Dec. 1, 2022 to Nov. 30, 2025	Technology Management for Inovation
The Science of the Extension of Infrastructure Lifetime	Ueda Memorial Foundation	120,000	Apl. 1, 2023 to Mar. 31, 2028	Civil Engineering

(3) Social Cooperation Programs (As of April 1, 2024) (Unit: 1,000 yen)

Description	Company/entity name	Total cost	Duration	Department
Innovation for Engineering Synthesis	Komatsu Ltd.	364,000	Apr. 2024 to Mar. 2029	Mechanical Engineering
		373,049	(Apr. 2019 to Mar. 2024)	
		582,170	(Apr. 2007 to Mar. 2019)	
Advanced Aero Propulsion Technology Creation	IHI Corporation	99,000	Apr. 2022 to Mar. 2025	Aeronautics and Astronautics
		98,400	(Apr. 2019 to Mar. 2022)	
		197,200	(Dec. 2012 to Mar. 2019)	
Technology Incubation for Glass of the Future	AGC Inc.	105,000	Apr. 2024 to Mar. 2027	Research into Artifacts, Center for Engineering
		105,000	(Apr. 2021 to Mar. 2024)	
		105,000	(Apr. 2018 to Mar. 2021)	
		106,301	(Apr. 2015 to Mar. 2018)	
Laboratory for Material and Life Sciences for Fusion of Fluorine and Organic Chemistry	AGC Inc.	105,000	Apr. 2023 to Mar. 2026	Chemistry and Biotechnology
		105,000	(Apr. 2020 to Mar. 2023)	
		105,000	(Apr. 2017 to Mar. 2020)	
Evaluating Future Technology Elements for Mobility	TOYOTA MOTOR CORPORATION	250,000	Jul. 2020 to Mar. 2025	Mechanical Engineering
		150,000	(Jul. 2017 to Jun. 2020)	
Mathematical Engineering of Morality Emotions	SoftBank Robotics Corp.; tenrai Inc. and Institute for International Strategy and Information Analysis,Inc.	131,250	Sep. 2022 to Aug. 2025	Bioengineering
		200,000	(Sep. 2017 to Aug. 2022)	
Innovation of Next Generation Signal and Power Transmission Technology	Furukawa Electric Co., Ltd.	120,000	Apr. 2024 to Mar. 2027	Research into Artifacts, Center for Engineering
		125,000	(Feb. 2021 to Mar. 2024)	
		120,000	(Feb. 2018 to Jan. 2021)	
Integrated Risk Engineering	Central Research Institute of Electric Power Industry	81,000	Apr. 2023 to Mar. 2026	Nuclear Professional School
		150,000	(Apr. 2018 to Mar. 2023)	
Next-generation Performance Evaluation Technology for Infrastructure Materials and Structures	Shimizu Corporation; Kajima Corporation; MAEDA CORPORATION; Sumitomo Mitsui Construction Co, Ltd.; Coms Engineering Corporation; East Japan Railway Company; Shutoko Technology Center; TEKKEN CORPORATION; HRC Research Institute and Tokyo Electric Power Services CO., Ltd.	260,400	Apr. 2022 to Mar. 2025	Civil Engineering
		189,000	(Apr. 2019 to Mar. 2022)	
Creative Design and Startup Workshop	Sony People Solutions Inc.	60,000	Apr. 2022 to Mar. 2025	Mechanical Engineering
		60,000	(Apr. 2019 to Mar. 2022)	
Integrated Decommissioning of Nuclear Reactors	Hitachi-GE Nuclear Energy, Ltd.; Toshiba Energy Systems & Solutions Corporation; Mitsubishi Heavy Industries, Ltd. and Tokyo Electric Power Company Holdings, Inc.	108,000	Apr. 2022 to Mar. 2025	Nuclear Professional School
		108,000	(Apr. 2019 to Mar. 2022)	
Development of Novel Synthetic Process for Ordered Porous Materials	Tosoh Corporation	75,000	Jun. 2022 to May. 2025	Chemical System Engineering
		65,000	(Jun. 2019 to May. 2022)	
Next-generation digital bioanalysis	TOPPAN Holdings Inc.	146,520	Apr. 2024 to Mar. 2027	Applied Chemistry
		250,000	(Jun. 2019 to Mar. 2024)	
Voice Analysis and Measurement of Pathophysiology	MITSUI KNOWLEDGE INDUSTRY	206,500	Sep. 2019 to Aug. 2025	Bioengineering
Next Generation Electron Microscopy	JEOL Ltd.	81,300	Apr. 2023 to Mar. 2026	Institute of Engineering Innovation
		79,100	(Apr. 2020 to Mar. 2023)	
Advancement of Technology informatics	DAIKIN INDUSTRIES, LTD	432,250	Apr. 2024 to Mar. 2029	Technology Management for Innovation
		278,337	(Apr. 2020 to Mar. 2024)	
Next Generation of Energy Infrastructure	Electric Power Development Co., LTD.; SHIMIZU CORPORATION; Toshiba Energy Systems & Solutions Corporation; Nippon Kaiji Kyokai; TOKYO GAS CO.,LTD. and Chubu Electric Power Company,Incorporated	270,000	Apr. 2023 to Mar. 2028	Civil Engineering
		225,000	(Apr. 2020 to Mar. 2023)	
Research on Next-generation Agricultural Machines	KUBOTA Corporation	241,000	Apr. 2023 to Mar. 2027	Mechanical Engineering
		105,000	(Apr. 2020 to Mar. 2023)	
Sustainable Human Centric Next Generation Manufacturing	TOYOTA MOTOR CORPORATION	1,214,450	May. 2020 to Mar. 2026	Research into Artifacts, Center for Engineering
Co-Designing Future Engineering	TOSHIBA CORPORATION and Oki Electric Industry Co., Ltd.	60,000	Jun. 2023 to May. 2026	Mechanical Engineering
		90,000	(Jun. 2020 to May. 2023)	
Next Generation Zirconia Ceramics	Tosoh Corporation; Japan Fine Ceramics Center and WORLD LAB inc.	533,250	Jul. 2020 to Jun. 2025	Institute of Engineering Innovation
Construction of Innovative Coating Technologies	Nippon Paint Corporate Solutions Co., Ltd.	1,100,000	Oct. 2020 to Sep. 2025	Institute of Engineering Innovation
Research for Next Generation HVAC Technology	DAIKIN INDUSTRIES, LTD.	357,500	Nov. 2020 to Oct. 2025	Institute of Engineering Innovation
Integrated Molecular Structure Analysis Laboratory	Kao Corporation.; GL Sciences Inc.; Shimadzu Corporation; Daicel Corporation; Takasago International Corporation; TSUMURA & CO.; Nissan Chemical Corporation; JEOL Ltd.; MITSUI CHEMICAL ANALYSIS & CONSULTING SERVICE, INC.; Rigaku Corporation; Kirin Holdings Company, Limited; Japan Tobacco Inc. and MITSUI MINING & SMELTING CO.,LTD.	180,000	Nov. 2023 to Oct. 2026	Applied Chemistry
		280,000	(Nov. 2020 to Oct. 2023)	
Engineering on Atomic Layer Level Control of Material Surface	DAIKIN INDUSTRIES, LTD.	220,000	Jan. 2024 to Mar. 2027	Institute of Engineering Innovation
		170,000	(Jan. 2021 to Dec. 2023)	
Next-generation Integrated Engineering for High-performance Polymer	DAIKIN INDUSTRIES, LTD.	882,667	Apr. 2024 to Mar. 2027	Institute of Engineering Innovation
		560,125	(Apr. 2021 to Mar. 2024)	
Precision Health	SoftBank Corp.; Mitsubishi UFJ Trust and Banking Corporation; SAWAI GROUP HOLDINGS Co., Ltd. and Hitachi Systems, Ltd.	399,000	Apr. 2021 to Mar. 2025	Bioengineering
Next Generation Manufacturing Arghitecture	DAIKIN INDUSTRIES,LTD.	377,557	Jul. 2021 to Jun. 2026	Research into Artifacts, Center for Engineering
Value Co-Creation through Beyond 5G	NEC Corporation	150,000	Dec. 2021 to Nov. 2024	Systems Innovation

Description	Company/entity name	Total cost	Duration			Department
Next-generation Wireless Technology for Accelerating Regional Revitalization	Nippon Telegraph and Telephone East Corporation	100,100	Jan. 2022	to	Mar. 2025	Systems Innovation
Future Intelligence Society	KDDI Research, Inc.	100,000	Jan. 2022	to	Mar. 2025	Systems Innovation
Bio-Chem Lab on Body	Honda Motor Co., Ltd.; TOPPAN Inc.; SANYO CHEMICAL INDUSTRIES,LTD. and NISSIN FOODS HOLDINGS CO., LTD.	121,135.9	Jan. 2022	to	Dec. 2024	Bioengineering
Social Cooperation Program： Innovative Flexible Imager	Japan Display Inc.	150,000	Feb. 2022	to	Jan. 2025	Electrical Engineering
Social Design Program : Skin Electronics	PARAMOUNT BED CO., LTD.	150,000	Apr. 2022	to	Mar. 2027	Electrical Engineering
Sustainable Transformation of Towns	Takenaka Corporation	79,375	Apr. 2022	to	Mar. 2025	Urban Engineering
Data-federation based Innovation Literacy	KOZO KEIKAKU ENGINEERING Inc.; United Super Markets Holdings Inc.; ABeam Consulting Ltd.; Trust Architecture; Murata Manufacturing Co., Ltd. and TOMOKU CO.,LTD.	99,234	Apr. 2022	to	Mar. 2025	Systems Innovation
Research Initiative for Global Hydrologic Cycles	SUNTORY HOLDINGS LIMITED. and Nippon Koei Co., Ltd.	150,000	Apr. 2022	to	Mar. 2025	Civil Engineering
Smart Lab with Sustainable Energy System	HORIBA, Ltd.	124,000	Apr. 2022	to	Mar. 2025	Electrical Engineering
Fukushima Coast Regional Design Studies Unit	East Nippon Expressway Company Limited and Nissan Motor Co., Ltd.	90,000	Apr. 2022	to	Mar. 2025	Civil Engineering
Creation of a Sustainable Multi-habitation	Open House Group Co.,LTD.	78,000	Oct. 2022	to	Sep. 2025	Urban Engineering
Creation of the Next Generation Skill Management	TechnoPro Holdings, Inc.	130,000	Oct. 2022	to	Sep. 2027	Systems Innovation
Next Generation Railway Network Studies Unit	JR East Consultants Company	75,000	Oct. 2022	to	Sep. 2025	Civil Engineering
Development of a Sustainable Regional Symbiotic Service, Communication and Behavior Support System through Strategic Collaboration of Variety Stakeholders	AEON MALL Co., Ltd.	78,000	Oct. 2022	to	Sep. 2025	Urban Engineering
Innovation of New Materials for Next Generation Machines	Hinode Holdings Co., Ltd.	60,000	Nov. 2022	to	Oct. 2025	Research into Artifacts, Center for Engineering
Social Cooperation Program Fulfillment through Work	Ricoh Company Ltd.	344,850	Dec. 2022	to	Nov. 2025	Research into Artifacts, Center for Engineering
DX of Existing Buildings and Creation of Space Value (Campus Management DX)	iSquared Inc.; Seiwa Business Co., Ltd.; DiceNext Co., Ltd.; Fujita Corporation and Meiho Facility Works Ltd.	87,150	Mar. 2023	to	Mar. 2026	Architecture
Next Generation Quantum Science Education Promotion Social Cooperation Program	Fujitsu Ltd.; Hitachi, Ltd.; NEC Corporation; Mitsubishi Electric Corporation and TOSHIBA CORPORATION	60,000	Mar. 2023	to	Feb. 2026	Electrical Engineering
Innovative ICT research Contributing to the IOWN	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	100,000	Mar. 2023	to	Feb. 2026	Systems Innovation
Next-generation Numerical Simulations in Construction	KAJIMA CORPORATION	123,300	Apr. 2023	to	Mar. 2026	Architecture
Invention of Next-generation Lightweight Alloys	UACJ Corporation	60,000	Apr. 2023	to	Mar. 2026	Materials Engineering
Creation of Business Ecosystems for Small Satellites and Micro Satellites	Furukawa Electric Co., Ltd.	151,650	Apr. 2023	to	Mar. 2026	Aeronautics and Astronautics
Research on Advanced Network Slicing for Beyond 5G/6G	KYOCERA Corporation	250,000	Apr. 2023	to	Mar. 2028	Systems Innovation
Realization of Innovation on Energy and Environment	KYOCERA Corporation	602,100	Apr. 2023	to	Mar. 2028	Electrical Engineering
Development of Next-generation Eco-friendly Device Using New Physical Phenomena	SUMITOMO CHEMICAL COMPANY, LIMITED	211,650	Apr. 2023	to	Mar. 2026	Quantum-Phase Electronics Center
Creation of Truly Inclusive Nature-based Education System	Hulic Co., Ltd.	120,000	Apr. 2023	to	Mar. 2026	Systems Innovation
Space-resource development and utilization using a Commercial Space Station	DigitalBlast, Inc.	60,000	Jul. 2023	to	Jun. 2026	Systems Innovation
Development of monitoring system for safety of buildings and infrastructures using millimeter-wave vibration sensors	KYOCERA Corporation	60,000	Jul. 2023	to	Jun. 2026	Architecture
Digital twin fundamental technology course for next generation powder process systems	KOZO KEIKAKU ENGINEERING Inc.; Nisshin Seifun Group Inc.; Murata Manufacturing Co., Ltd.; Shionogi Pharma Co., Ltd.; Showa Sangyo Co., Ltd. and Shin-Etsu Chemical Co., Ltd.	72,900	Aug. 2023	to	Jul. 2026	Nuclear Engineering and Management
Department for designing sustainable circular economy future society	Mitsubishi Electric Corporation	117,000	Oct. 2023	to	Sep. 2026	Electrical Engineering
Materials circular construction course	Shimizu Corporation	192,500	Oct. 2023	to	Mar. 2027	Architecture
Next Generation Medical Radiation Imaging Initiative	DELTA ELECTRONICS (JAPAN), INC.	124,950	Oct. 2023	to	Sep. 2026	Bioengineering
Smart Building System Research Initiative	KANDENKO CO., LTD.; Kyudenko Corporation; SHINRYO CORPORATION; Taikisha Ltd.; DAI-DAN CO., LTD.; Takasago Thermal Engineering Co., Ltd.; Tokyo Electric Power Company Holdings, Inc.; TONETS CORPORATION and Mitsubishi Heavy Industries Thermal Systems, Ltd.	245,025	Nov. 2023	to	Mar. 2028	Architecture
Laboratory of International Wastewater-based Epidemiology	Shionogi & Co., Ltd. and SHIMADZU CORPORATION	216,000	Mar. 2024	to	Mar. 2027	Research Center for Water Environment Technology
Container Management Science	Ocean Network Express Pte. Ltd.	900,000	Apr. 2024	to	Mar. 2027	Systems Innovation
Research on next-generation solid adsorbents that contribute to the realization of a carbon- and nitrogen-recycling society	KUBOTA Corporation	113,850	Apr. 2024	to	Mar. 2028	Chemical System Engineering
CCS Monitoring Hub based on Innovative Digital Technology	JX Nippon Oil & Gas Exploration Corporation	100,000	Apr. 2024	to	Mar. 2029	Systems Innovation
Promotion of carbon neutrality through cementitious materials	HAZAMA ANDO CORPORATION	100,000	Apr. 2024	to	Mar. 2029	Architecture

(4) Cooperative Programs with National Research and Development Agencies (As of April 1, 2024) (Unit: 1,000 yen)

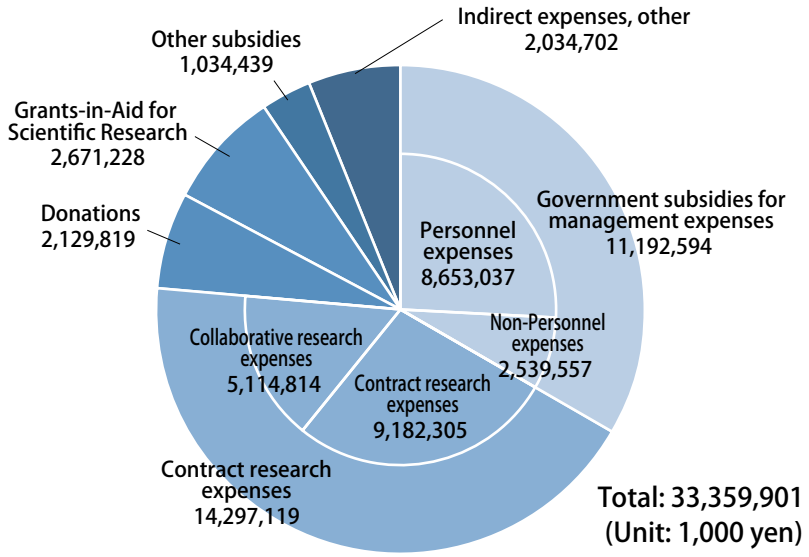
Description	Company/entity name	Total cost	Duration			Department
Emergent-Matter Science	RIKEN	420,000	Apr. 2018	to	Mar. 2025	Quantum-Phase Electronics Center
		470,400	(Apr. 2010	to	Mar. 2018)	
Center for Frontier Astronautics	Japan Aerospace Exploration Agency	238,610	Nov. 2019	to	Mar. 2025	Aeronautics and Astronautics
Nuclear Safety Management Course	Japan Atomic Energy Agency	148,465	Apr. 2023	to	Mar. 2028	Nuclear Engineering and Management
		84,000	(Apr. 2020	to	Mar. 2023)	

8. Finances

(1) Expenditures (Unit: 1,000 yen)

Category	Academic year 2021	Academic year 2022	Academic year 2023
Government subsidies for management expenses	14,437,960	11,625,715	11,192,594
Personnel expenses	8,511,830	8,673,279	8,653,037
Non-Personnel expenses	5,926,130	2,952,436	2,539,557
Contract research expenses	11,859,797	14,768,248	14,297,119
Contract research expenses	8,004,362	10,258,930	9,182,305
Collaborative research expenses	3,855,435	4,509,318	5,114,814
Donations	1,310,791	1,524,693	2,129,819
Grants-in-Aid for Scientific Research	2,245,027	2,538,022	2,671,228
Other subsidies	645,465	1,450,152	1,034,439
Indirect expenses, other	1,749,228	2,374,937	2,034,702
Total	32,248,268	34,281,767	33,359,901

Expenditures (Academic Year 2023)



(2) Land and Building Areas (As of April 2024)

Category		Hongo	Tokai (Nuclear Professional School)	Kakioka (Kakioka Research Center)
Address		7-3-1 Hongo, Bunkyo-ku, Tokyo	2-22 Shirakata-shirane, Tokai-mura, Naka-gun, Ibaraki Prefecture	414 Kakioka, Ishioka-shi, Ibaraki Prefecture
Land area		(Approx) 92,000 ㎡	29,924 ㎡ (rented: 26,621 ㎡)	471,931㎡
Buildings	No. of buildings	33	20	3
	Building area	36,212㎡	7,714㎡	253㎡
	Total floor area	199,611㎡	14,391㎡	340㎡

9. Public Relations and Information

(1) List of Publications

Faculty of Engineering Guidebook

Guidebook is intended for use by students of the College of Arts and Sciences interested in studying at the Faculty of Engineering
Distributed to students of the College of Arts and Sciences (available in Japanese only)

Brochure

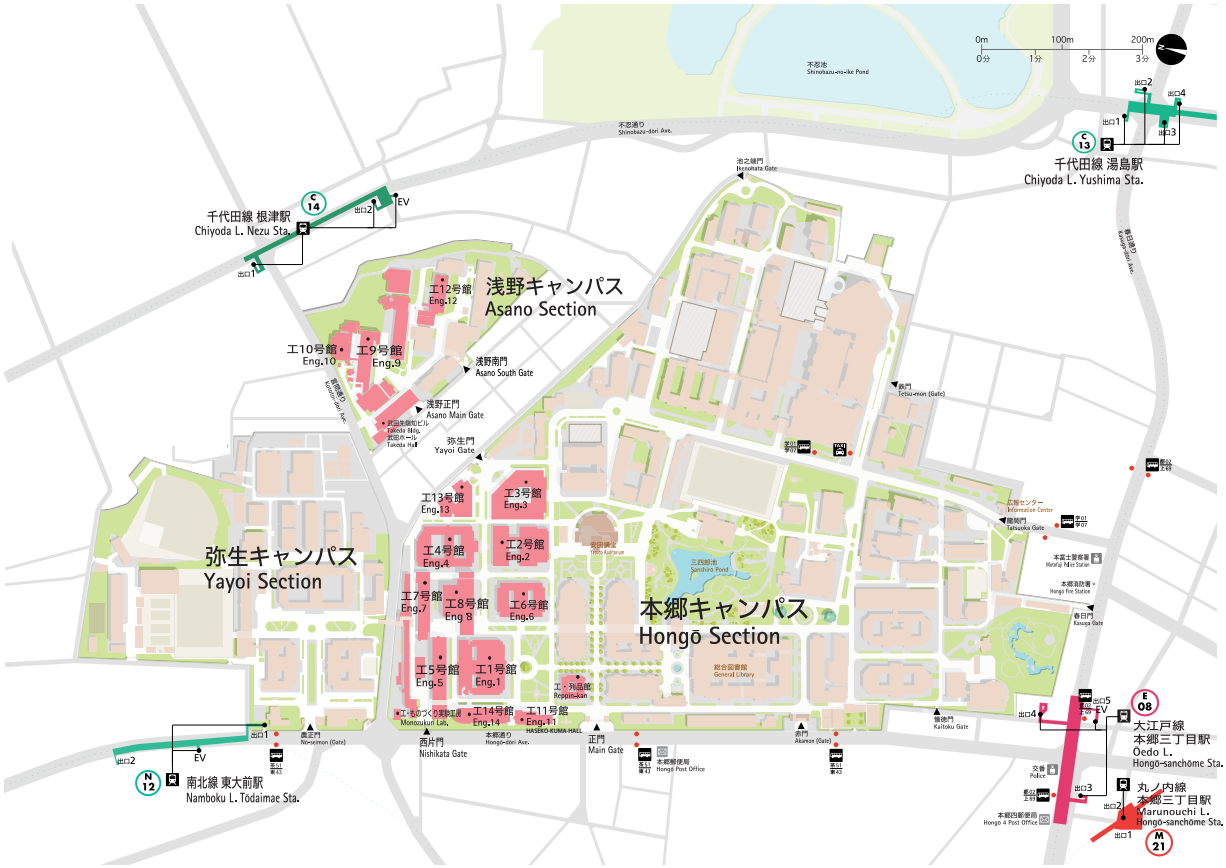
Brochure of School of Engineering, The University of Tokyo Distributed to students of the college of Arts and Sciences, high school students, cramming school students, and the public (available in Japanese only)

Inquiries regarding publications: Public Relations Office（kouhou@pr.t.u-tokyo.ac.jp）

(2) Official websites

Faculty of Engineering	https://www.t.u-tokyo.ac.jp/foe
English website:	https://www.t.u-tokyo.ac.jp/en/foe
Graduate School of Engineering	https://www.t.u-tokyo.ac.jp/soe
English website:	https://www.t.u-tokyo.ac.jp/en/soe
Facebook	https://www.facebook.com/UTokyo.Eng
X（formerly Twitter）	https://x.com/Eng_Univ_Tokyo
YouTube	https://www.youtube.com/channel/UCpdEaqyqZQK25Iy-oNIuUCA/

Hongo Campus Map/Access



If you use the subway;

・10 minutes walk from Hongosanchome Station (Marunouchi Line)
・10 minutes walk from Hongosanchome Station (Oedo Line)
・5 - 10 minutes walk from Nezu Station (Chiyoda Line)
・10 minutes walk from Todaimae Station (Nanboku Line)

If you use the bus;

- Get off at Ochanomizu Station (JR Chuo Line or JR Sobu Line)

・Take To-bus (Tokyo Metropolitan bus),
茶 51, bound for Komagome Station or Oji Station, or
東 43, bound for Arakawadote.
Get off at Todai (bus stops: Akamonmae, Seimonmame, or Nogakubumae.)
・Take Gaku-bus, 学 07, bound for Todai-konai, and get off at Todai
(bus stops: Tatsuokamon, Byoinmae, or other on-campus bus stops.)

- From JR Ueno Station or JR Okachimachi Station

・Take To-bus (Tokyo Metropolitan bus),
都 02, bound for Otsuka, and get off at Yushima Yonchome
(This bus is available only from JR Okachimachi Station).
・Take Gaku-bus, 学 01, bound for Todai-konai, and get off at Todai.
(bus stops: Tatsuokamon, Byoinmae, and other on-campus bus stops.)