

# TOKYO TECH

DATA BOOK 2014-2015

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TOKYO INSTITUTE OF TECHNOLOGY

Center for Public Affairs and Communications

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TOKYO INSTITUTE OF TECHNOLOGY

# TOKYO TECH

*Tokyo Institute of Technology*

## 2014-2015

# Index

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## History

Flow of History	02
Events in 2013	03
Successive Principals & Presidents	03

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## Organization

Organizational Chart	04
List of Officials	06

---

## Schools / Graduate Schools

List of Schools and Departments	07
List of Graduate Schools and Departments	08

---

## Institutes

List of Affiliated Research Institutions	10
List of Research Facilities	10
Affiliated High School, Libraries & Health Service Centers	11
List of Research and Service Centers / Common Facilities	12
List of Institutes	13

---

## Staff / Students

Staff / Student Numbers	14
Enrollment	19
Graduates and Postgraduate Activities	20

---

## Programs

Education Programs	21
Research Programs	22

---

## University / Industry Relations

---

## International Collaboration

---

## Financial Data

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## Campuses

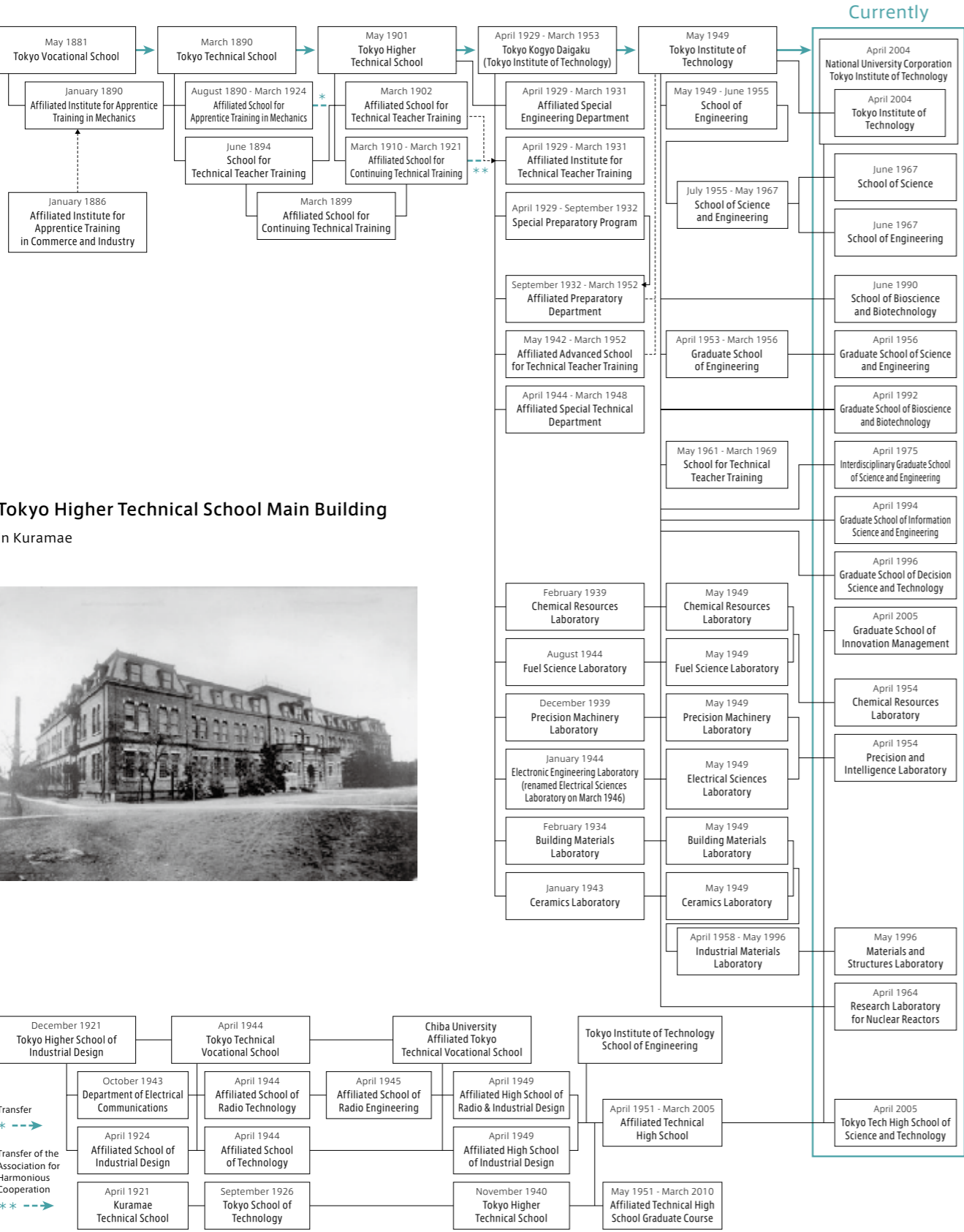
Access	33
Campus Map	34

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History

Flow of History



Tokyo Higher Technical School Main Building in Kuramae



Events in 2013

Date	History
April	The Center for University Communications and Coordination and the Office for the 130th Anniversary Project reorganized into the Public Outreach Office.The Department of Communications and Integrated Systems renamed the Department of Communications and Computer Engineering. The Research Center for Educational Facilities reorganized.Conclusion of operations at the Research Center for the Evolving Earth and Planets.Conclusion of operations at the Center for CompView Research and Education.The Research Center for Nanometer-Scale Quantum Physics reorganized into the International Research Center for Nanoscience and Quantum Physics.Innovator and Inventor Development Platform established.Conclusion of operations at the Productive Leader Incubation Platform.
August	Conclusion of operations at the International Research Center of Macromolecular Science.
October	The Research Project Support Center was reorganized into the Research Administration Center.

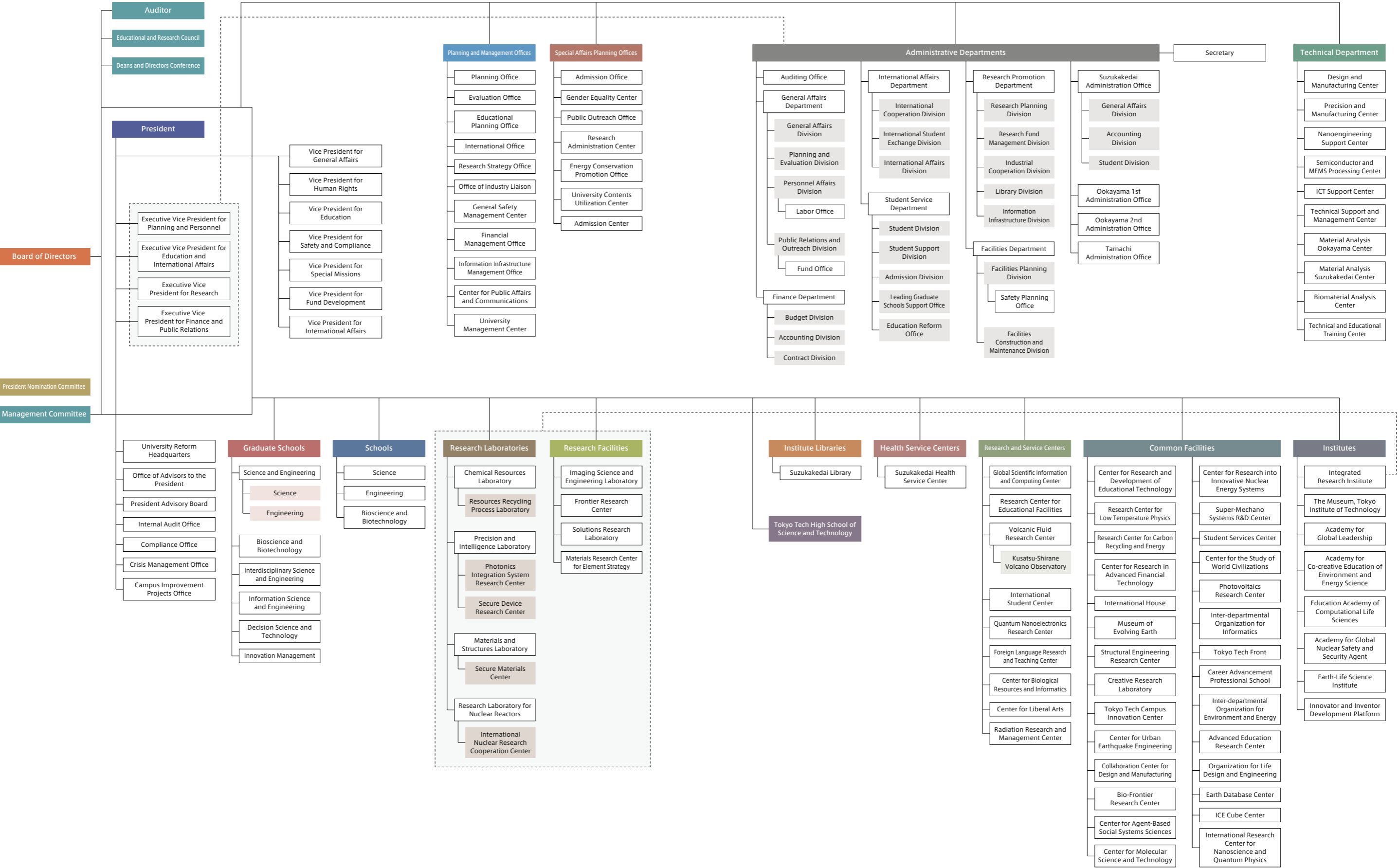
Successive Principals & Presidents

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

Organization

Organizational Chart

As of August 1, 2014



# Organization

List of Officials	
As of August 1, 2014	
Affiliation	Name
The Board	
President	MISHIMA Yoshinao
Executive Vice President for Planning and Personnel	OKADA Kiyoshi
Executive Vice President for Education and International Affairs	MARUYAMA Toshio
Executive Vice President for Research	TATSUMI Takashi
Executive Vice President for Finance and Public Relations	OTANI Kiyoshi
Auditor	ENAMI Kazumasa
Auditor	SHIMIZU Yasutaka
Vice Presidents	
Vice President for General Affairs	TANZAWA Hiroyuki
Vice President for Human Rights	KINOSHITA Shione
Vice President for Education	MIZUMOTO Tetsuya
Vice President for Safety and Compliance	UEMATSU Tomohiko
Vice President for Special Mission	MARUYAMA Tsuyoshi
Vice President for Fund Development	ONO Isao
Vice President for International Affairs	SEKIGUCHI Hidetoshi
Assistants to the Executive Vice Presidents	
Special Assistant to the Executive Vice President for Education and International Affairs	SATO Tatsuo
Special Assistant to the Executive Vice President for Education and International Affairs	OKAMURA Tetsuji
Special Assistant to the Executive Vice President for Education and International Affairs	YASUOKA Koichi
Assistant to the Executive Vice President for Research	ODA Shunri
Special Assistant to the Executive Vice President for Finance and Public Relations	SAEKI Motoshi
Office of Advisors to the President	
Director, Office of Advisors to the President	MARUYAMA Tsuyoshi
Advisor to the President	OHTAKE Naoto
Advisor to the President	KAJIWARA Susumu
Advisor to the President	MAJIMA Yutaka
Management Committee	
President	MISHIMA Yoshinao
Executive Vice President for Planning and Personnel	OKADA Kiyoshi
Executive Vice President for Education and International Affairs	MARUYAMA Toshio
Executive Vice President for Research	TATSUMI Takashi
Executive Vice President for Finance and Public Relations	OTANI Kiyoshi
Chairperson, JWU Alumnae Ofu Assoc. for Promoting Education & Culture	ARIKAWA Yoshiko
Corporate auditor, East Japan Railway Company	ISHIDA Yoshio
President, Global Technology Network Corporation	IZUMI Norio
President, National Institute of Technology	KOBATAKE Hidefumi
Attorney at Law, Minoru sogo law offices	SHIMIZU Kiyoshi
Professor, Organization for the Strategic Coordination of Research and Intelctual Property, Meiji University	
Former President & CEO, Chiyoda Corporation	SEKI Nobuo
Auditor, National Institute of Information and Communication Technology	DOI Miwako
Chief Corporate Adviser, NTT DATA Corporation	YAMASHITA Toru
Professor, Graduate School of Science	OKA Makoto
Professor, Precision and Intelligence Laboratory	YOKOTA Shinichi
Vice President for General Affairs	TANZAWA Hiroyuki
Educational and Research Council	
President	MISHIMA Yoshinao
Executive Vice President for Planning and Personnel	OKADA Kiyoshi
Executive Vice President for Education and International Affairs	MARUYAMA Toshio
Executive Vice President for Research	TATSUMI Takashi
Executive Vice President for Finance and Public Relations	OTANI Kiyoshi
Dean, Graduate School of Science	NISHIMORI Hidetoshi
Dean, Graduate School of Engineering	KISHIMOTO Kikuo
Dean, Graduate School of Bioscience and Biotechnology	SEKINE Mitsuo
Dean, Interdisciplinary Graduate School of Science and Engineering	ODAWARA Osamu
Dean, Graduate School of Information Science and Engineering	YONEZAKI Naoki
Dean, Graduate School of Decision Science and Technology	MUTO Shigeo
Dean, Graduate School of Innovation Management	FUJIMURA Shuzo
Dean, School of Science	NISHIMORI Hidetoshi
Dean, School of Engineering	KISHIMOTO Kikuo
Dean, School of Bioscience and Biotechnology	SEKINE Mitsuo
Director, Chemical Resources Laboratory	AKITA Munetaka
Director, Precision and Intelligence Laboratory	SHINNO Hidenori
Director, Materials and Structures Laboratory	ITO H Mitsuru
Director, Research Laboratory for Nuclear Reactors	YANO Toyohiko
Director, Institute Library	TAKAHASHI Eiichi
Principal, Tokyo Tech High School of Science and Technology	SAITO Yoshio
Director, Technical Support Department	ITO H Toshiya
Administration Bureau	
Director-General	TANZAWA Hiroyuki
Director, General Affairs Department	KOJIMA Hirotaka
Director, Finance Department	MARUYAMA Hiroshi
Director, International Affairs Department	KATO Takayuki
Director, Student Service Department	MATSUMOTO Taneaki
Director, Research Promoting Department	YOSHINO Akira
Director, Facilities Department	KOYAMA Kaoru
Director, Suzukakedai Administration Office	SHINOHARA Iwao

# Schools / Graduate Schools

Schools and Departments	
As of May 1, 2014	
Schools	
● School of Science	
Department	Courses
Mathematics	○Mathematics
Physics	○Physics
Chemistry	○Chemistry
Information Science	○Information Science
Earth and Planetary Sciences	○Earth and Planetary Sciences
● School of Engineering	
Department	Courses
Metallurgical Engineering	○Metallurgical Engineering
Organic and Polymeric Materials	○Organic and Polymeric Materials
Inorganic Materials	○Inorganic Materials
Chemical Engineering	○Chemical Engineering ○Applied Chemistry
Polymer Chemistry	○Polymer Chemistry
Mechanical Engineering and Science	○Mechanical Engineering and Science
Mechanical and Intelligent Systems Engineering	○Mechanical and Intelligent Systems Engineering
Mechano-Aerospace Engineering	○Mechano-Aerospace Engineering
Control and Systems Engineering	○Control and Systems Engineering
● School of Bioscience and Biotechnology	
Department	Courses
Bioscience	○Biochemistry ○Cell Biology ○Biomolecular Reactions ○Developmental Biology ○Information & Biological Sciences ○Biophysical Chemistry ○Biological Sciences
Department	Courses
Biotechnology	○Biofunctional Engineering ○Biochemical Engineering ○Genetic Engineering ○Cellular Engineering ○Biological Materials ○Biological Sciences

Graduate Schools and Departments

As of May 1, 2014

Graduate Schools

● Graduate School of Science and Engineering

Department	Research Field
Mathematics	○Number Theory ○Algebraic Geometry ○Differential Geometry ○Topology ○Complex Analysis ○Partial Differential Equations
Physics (Particle-, Nuclear- and Astro-Physics)	○Particle-, Nuclear-, and Astro-Physics ○Leading Edge Fundamental Physics ○Interdisciplinary Research in Fundamental Physics ○Nuclear- and Astro-Physics ○Nuclear-Particle Physics Experiment ○Theoretical Few-body Physics
Physics (Condensed Matter Physics)	○Nanometer-scale Quantum Physics ○Interdisciplinary Research in Condensed Matter Physics ○Applied Physics / ○Molecular and Optical Physics ○Experimental Research on Quantum Phenomena Statistical and Surface Physics ○Interdisciplinary Research in Condensed Matter Physics ○Low Temperature Physics ○Advanced Condensed Matter Physics
Chemistry	○Inorganic Chemistry ○Physical Chemistry ○Organic Chemistry ○Analytical Chemistry ○Energy and Environmental Chemistry ○Volcanic Chemistry
Earth and Planetary Sciences	○Earth and Planetary Physics ○Evolution of Earth and Planets ○Origin of Solar System ○Planetary Exploration
Chemistry and Materials Science	○Material Structures ○Materials Conversion ○Materials Design ○Functional Materials
Metallurgy and Ceramics Science	○Metal Physics ○Metal Chemistry ○Metal Behavior & Design ○Inorganic Functional Materials ○Inorganic Environmental Materials ○Ceramic Matrix Composites
Organic and Polymeric Materials	○Polymer Science ○Soft Materials Science ○Organic and Polymeric Materials ○NEDO Special Chair
Applied Chemistry	○Molecular Functions Design ○Chemical Reactions Design
Chemical Engineering	○Process Analysis ○Process Design ○Process Operation ○Common Sections in Chemical Engineering ○E-JUST

● Graduate School of Bioscience and Biotechnology

Department	Research Field
Life Science	○Biodynamics / ○Biomolecules ○Bioinformation and Regulation
Biological Sciences	○Biological Information and Biogenesis ○Evolution and Comparative Biology ○Cellular and Developmental Biology
Biological Information	○Bioinformation and Medical Science ○Bioregulation Sciences ○Bioinformation Engineering

Department	Research Field
Mechanical Sciences and Engineering	○Thermal and Fluid Science ○Dynamics Engineering ○Design Engineering ○Manufacturing Technology and Science ○Mechanics of Solids and Structures
Mechanical and Control Engineering	○Creation for Intelligent Arts ○Applied Materials and Mechanics ○Energy Engineering ○System Dynamics ○Measurement and Control ○Systems Control ○Global Environment Engineering
Mechanical and Aerospace Engineering	○Advanced Thermo-Fluid Dynamics ○Structural Design ○Mechano-Creation
Electrical and Electronic Engineering	○Autonomous Systems Engineering ○Power Electronics Engineering ○Communications and Transmissions Engineering ○Photonic Devices Engineering
Physical Electronics	○Advanced Electronic Engineering ○Electrical and Electronic Properties of Matter ○Integrated Devices ○Physics of Quantum Effect Devices
Communications and Computer Engineering	○Information System ○High-Performance Integrated Systems ○Communication Systems ○Intelligent Networks
Civil Engineering	○Construction Engineering ○Environmental Engineering ○Infrastructure Planning
Architecture and Building Engineering	○Principles of Architecture and Building Engineering ○Planning in Architecture and Building Engineering ○Design in Architecture and Building Engineering ○Environments in Architecture and Building Engineering ○Regional Facility Planning
International Development Engineering	○International Environment Engineering ○International Infrastructure Engineering ○Industrial Development System Engineering ○International Co-Existence
Nuclear Engineering	○Nuclear Energy ○Nuclear Systems and Safety ○Innovative Nuclear Reactors ○Nuclear Materials ○Nuclear Back-End Engineering
Common Sections	○Interdisciplinary Science ○Engineering Fundamentals and Strategic Planning

Department	Research Field
Bioengineering	○Cellular and Molecular Bioengineering ○Biomolecular Process Engineering ○Functional Bioengineering
Biomolecular Engineering	○Biomaterial Physics ○Biomaterial Design ○Biofunctional Engineering
Common Sections	○Bio-Frontier

● Interdisciplinary Graduate School of Science and Engineering

Department	Research Field
Innovative and Engineered Materials	○Environmental Materials Engineering and Science ○Highly Functional Materials Engineering and Science ○Transient Phase Material Science and Engineering ○Functional Materials Design for Element Strategy
Electronic Chemistry	○Molecular Process ○Material and Energy Conversion ○Complex and Electrochemistry / ○Catalytic Chemistry ○Organoelectronic Chemistry / ○Bioelectronic Chemistry ○Spectroscopic Chemistry / ○Solid State Chemical Physics
Materials Science and Engineering	○Materials Structure and Functions ○Quantum and Surface Materials Science ○Design of Environmentally Beneficial Materials ○Materials Processing with Low Environmental Loads ○Structure and Diffraction Physics ○Electroactive Materials / ○Synergistic Materials ○Materials Evaluation ○Materials Structure Design ○Frontier Materials Science ○Functional Materials Analysis for Element Strategy
Environmental Science and Technology	○Natural Environment ○Social Environment ○Environment and Energy Engineering ○Environment and Material Engineering ○Environment and Structural Engineering ○Environment and Safety Engineering ○Process Systems Engineering ○International Environmental Cooperation
Built Environment	○Built Environment Evaluation ○Human Environment and Urban Planning ○New Frontier Infrastructure ○Landscape Engineering
Energy Sciences	○Energy Environment Science ○Energy Conversion Engineering ○High Energy Density System ○Energy Environment System ○Energy Conversion System ○High Energy Density Science

● Graduate School of Information Science and Engineering

Department	Research Field
Mathematical and Computing Sciences	○Computing in Information Science ○Mathematical Sciences ○Computing Science
Computer Science	○Integrated Information Systems ○Computer Systems ○Software Engineering ○Intelligent Systems
Mechanical and Environmental Informatics	○Integrated Informatics for Mechanical and Environmental Systems ○Human Information in Mechanical Engineering ○Information-Driven Systems ○Environmental Systems Design

● Graduate School of Innovation Management

Department	Research Field
Management of Technology	○MOT Strategy / ○Intellectual Property Management ○Information & Service Innovation ○Finance Engineering ○Leading-Edge Science and Technology

Department	Research Field
Environmental Chemistry and Engineering	○Environmental Analysis and Engineering ○Chemical Environmental Process Synthesis ○Catalysis and Green Chemistry ○Environmentally Benign Molecular Design ○Environmental Molecular Arrangement ○Environmental Biotechnology ○Chemical Process Design ○Environmental Materials Science ○Polymer Processes
Electronics and Applied Physics	○Advanced Electron Devices ○Novel Functional Devices ○Imaging Materials ○Frontiers of Devices and Materials ○Photonic Devices and Systems ○Intelligent Electronic Systems ○Integrated Photonics
Mechano-Micro Engineering	○Functionality Creation ○Precision Devices ○Advanced Mechatronics ○Advanced Mechanomaterials ○Secure Micro Devices
Computational Intelligence and Systems Science	○Fundamental Intelligent Systems ○Complex System Analysis ○Emergent Systems ○Computational Perception and Recognition ○Brain Science ○Neural Information Processing
Information Processing	○Future-Oriented Information Systems ○New Functional Information Systems ○Perceptual Image Processing ○Advanced Image Science ○Sensory Information Systems ○Advanced Wave Application Systems ○Bioinformation Systems
Common Sections	○Common Sections for the Interdisciplinary Graduate School of Science & Engineering

● Graduate School of Decision Science and Technology

Department	Research Field
Human System Science	○Human Resource Development ○Human Dynamics Design / ○Educational Technology ○Advancement of Science and Technology Education
Value and Decision Science	○Value and Discourse / ○Socio-Mathematical Theory ○Decision-Making Process / ○Liberal Arts
Industrial Engineering and Management	○Development, Production, and Distribution Engineering ○Managerial and Financial Engineering ○Mathematics and Information Systems ○History, Philosophy and Social Studies of Science and Technology
Social Engineering	○National Land and Urban Planning ○Public System Design / ○Social Engineering Basic Theory
Common Sections	○Common Sections for the Graduate School of Decision Science and Technology

Integrated Research Institute

● Integrated Research Institute (IRI)

The Integrated Research Institute (IRI) comprises the Chemical Resources Laboratory, the Precision and Intelligence Laboratory, the Materials and Structures Laboratory, the Research Laboratory for Nuclear Reactors, the Imaging Science and Engineering Laboratory, the Materials Research Center for Element Strategy, the Solutions Research Laboratory and the Frontier Research Center.

The IRI Board, which includes the IRI Director-General (Director in charge of Research & Executive Vice President for Research) and the directors of various research organizations, sets basic policy for the operation of the IRI, and its laboratories are managed accordingly.

Research Laboratories

● Chemical Resources Laboratory (CRL)

The Chemical Resources Laboratory (CRL) is a comprehensive chemical research institute that is actively engaged in research to advance the field of Integrated Resource Chemistry, an area that is expected to contribute to the creation of new value in fields of Basic Chemistry such as Organic Chemistry, Inorganic Chemistry, Physical Chemistry, and Biochemistry, as well as Applied Chemistry essential for commercialization, such as Catalytic Chemistry, High Polymer Chemistry, Materials Chemistry, Chemical Engineering supporting industry, and Medial Chemistry.

Resources Recycling Process Laboratory

Basic and applied research on effective exploitation of resources on the earth. Research on utilization of photosynthetic microorganisms

Research Divisions

- Inorganic Resources / ○Molecular Materials Design
- Organic Resources / ○Bioreources / ○Catalytic Chemistry
- Polymer Chemistry / ○Synthetic Organic Chemistry
- Chemical Spectroscopy / ○Chemical System Synthesis
- Process Systems Engineering / ○Chemistry for Inorganic Materials
- Integrated Molecular Engineering / ○Smart Material Chemistiry

● Materials and Structures Laboratory (MSL)

The Materials and Structures Laboratory (MSL) is a unique nationwide collaborative research laboratory established in 1996. It is open to researchers from outside the Tokyo Institute of Technology who wish to engage in multilateral collaboration and pursue fundamental and applied research on advanced inorganic materials and architectural structures.

Secure Materials Center

The Secure Materials Center carries out research and development of safe and secure materials and fundamental technologies. Other important topics include the innovative development of new materials from abundant resources.

Research Divisions

- Novel Functional Ceramics / ○Basic Research
- Structural Engineering

Research Facilities

● Imaging Science and Engineering Laboratory (ISEL)

The Imaging Science and Engineering Laboratory (ISEL) is the only research organization that conducts comprehensive research on the development of materials, devices, processes, and systems used to record, display, transmit, accumulate, process, and convert information, and the application of such basic science based on imaging science engineering designed to perceive data handled in a wide range of systems for information, including its input and output.

● Frontier Research Center

The Frontier Research Center was restructured in April 2010 to focus on promoting frontier research. It is highly active in various fields at the Tokyo Institute of Technology and also collaborates with other universities, research organizations, industry and government. The Center provides incentives and assistance to those who are leading such research, and its exhibition space frequently exhibits the results of research activities to the public.

● Precision and Intelligence Laboratory (P&I Lab)

The Precision and Intelligence Laboratory (P&I Lab) was founded in 1954 with the mission of conducting research on precision engineering and industrial applications. The P&I Lab is made up of researchers specializing in information, electronics, mechanics, mechatronics, and materials engineering who lead cutting-edge research through interdisciplinary efforts. The P&I Lab continues opening new academic fields beyond the existing boundaries of precision engineering and contributes to society by expanding research to manufacturing.

Photonics Integration System Research Center

The Photonics Integration System Research Center is engaged in research on photonic integrated circuits consisting of high-intensity passive and active optical circuits to establish a new academic foundation that supports sustainable development of an advanced communication and information network society in the future.

Secure Device Research Center

Interdisciplinary research and creation for secure devices are studied to develop systems supporting the safety and security of society.

Research Divisions

- Advanced Information Processing / ○Advanced Microdevices
- Precision Machine Devices / ○Advanced Mechanical Systems
- Advanced Materials / ○Common Sections

● Research Laboratory for Nuclear Reactors (RLNR)

The Research Laboratory for Nuclear Reactors (RLNR) was established with the mission of conducting research on reactor engineering and industrial applications. The RLNR conducts mission-based research on innovative nuclear systems, actinide management, global nuclear security, and advanced radiology, and advances fundamental research. The RLNR also promotes research aimed at addressing the Fukushima Nuclear Power Plant accident.

International Nuclear Research Cooperation Center

The International Nuclear Research Cooperation Center (INRCC) advances international joint research aiming for both the peaceful use and nonproliferation of nuclear energy, and contributing to the safety and security of nuclear energy through science and technology.

Research Divisions

- Energy Engineering / ○Mass Transmutation Engineering
- System and Safety Engineering

● Solutions Research Laboratory (SSRL)

The Solutions Research Laboratory (SSRL) advances organizational research (solutions research) to address social and industrial issues through broad cooperation among researchers both in and outside Tokyo Tech. The SSRL focuses on a wide range of research and projects at the International Research Center of Advanced Energy Systems for Sustainability (AES) and the Advanced Research Center for Social Information Science and Technology (ASIST), which were established inside the SSRL.

● Materials Research Center for Element Strategy (MCES)

The Materials Research Center for Element Strategy (MCES) was established to facilitate research on element strategy, which aims to create novel and dream materials by creating new paradigms in materials science. This is an important research area for a country policy of its own. MCES operates the Tokodai Institute for Element Strategy (TIES) funded by MEXT Element Strategy Initiative to Form Core Research Centers for Electron Materials, and the ACCEL Hosono Electride Project funded by Japan Science and Technology Agency (JST). Construction of the new facilities will be completed in 2015, and service as the world's first facility exclusively dedicated to the exploration of element strategy will commence.

Tokyo Tech High School of Science and Technology

● Tokyo Tech High School of Science and Technology

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

It also seeks to advance desirable science and engineering education in cooperation with Tokyo Tech. An example of this is a special program that allows students to enroll through alternative entrance procedures.

Department	Admission	1st year		2nd year		3rd year		Total		
		M	F	M	F	M	F	M	F	Total
Department of Science and Technology	200	159	34					159	34	193
Applied Chemistry Course				30	10	21	18	51	28	79
Information Systems Course				33	2	32	1	65	3	68
Mechanical Systems Engineering Course				37	3	33	7	70	10	80
Electrical and Electronics Course				34	6	37	2	71	8	79
Architectural Design Course				30	8	25	10	55	18	73
Total	200	159	34	164	29	148	38	471	101	572

Institute Libraries

● Institute Libraries

The Institute Libraries house a wide variety of domestic and overseas publications in the fields of science and engineering, which are available to all interested individuals. Electronic functions have been expanded to provide a wide variety of services via the Internet, including access to electronic journals. In July 2011, a new library was opened in the Ookayama Area.

Number of Publications (Books) As of April 1, 2014 (Number of Copies)

Classifications	Main Building (Ookayama Area)	Branch (Suzukakedai Area)	Total
Japanese Publications	277,950	46,145	324,095
Non-Japanese publications	379,653	100,762	480,415
Total	657,603	146,907	804,510

Number of Publications (Journals) As of April 1, 2014 (Number of Types)

Classifications	Main Building (Ookayama Area)	Branch (Suzukakedai Area)	Total
Japanese Publications	2,655	702	3,357
Non-Japanese publications	11,420	2,007	13,427
Total	14,075	2,709	16,784

Electronic Data As of April 1, 2014 (Number of Copies)

Classifications	Electronic Journals	Electronic Books	Database
Domestic Data	480	10	1
Overseas Data	12,086	14,763	8

Use in FY 2013

Classifications	Main Building (Ookayama Area)	Branch (Suzukakedai Area)	Total
Number of Visitors	261,478	41,682	303,160
Number of Publications Lent Out	77,669	23,499	101,168

Health Service Centers

● Health Service Centers

The Health Service Centers are responsible for health management at Tokyo Tech. Physicians, counselors and other healthcare professionals support the physical

and mental health of students and staff by providing examinations, counseling, and health and safety seminars.

## Research and Service Centers

### ● Global Scientific Information and Computing Center (GSIC)

The Global Scientific Information and Computing Center (GSIC) provides information infrastructure, including supercomputers, IC card authentication systems, intranet and e-mail services, and software on the campuses. It also supports joint information infrastructure use, including use of supercomputers by industry, HPCI, and international collaborative research and business.

### ● Volcanic Fluid Research Center (VFRC)

The Volcanic Fluid Research Center (VFRC) advances surveys and research on Kusatsu-Shirane and other active volcanoes using geochemical and geophysical methodologies. The Kusatsu-Shirane Volcano Observatory (KSVO) provides students with the opportunity for on-site observation.

### ● Quantum Nanoelectronics Research Center (QNERC)

The Quantum Nanoelectronics Research Center (QNERC) conducts research on new devices using nanotechnology and its new physics, the development and application of cutting-edge nanoscale processing technology, and the advancement of optical and electronic devices utilizing quantum engineering to apply the fruits of research in industry.

### ● Center for Liberal Arts (CLA)

The Center for Liberal Arts (CLA) promotes liberal arts education at Tokyo Tech. CLA teaching staff provides lectures and seminars that ensure students receive a well rounded education.

### ● Radiation Research and Management Center (RRMC)

The Radiation Research and Management Center (RRMC) supports research and education involving the use of radioisotopes, radiation generating apparatuses, and authentication devices with display functions, and plays a central role in radiation safety management through the provision of safety management education and training.

## Common Facilities

### ● Center for Research and Development of Educational Technology (CRADLE)

The Center for Research and Development of Educational Technology (CRADLE) seeks to improve education through research, development and practical application utilizing educational technology. It distributes video lectures to overseas graduate schools via its network to promote the continual improvement of university education, and provides follow-up for special entrance examinations in high school-university collaboration projects.

### ● Research Center for Carbon Recycling and Energy (RCCRE)

The Research Center for Carbon Recycling and Energy (RCCR) was established to play a central role in the response to global warming through research and development related to hybrid carbon chemistry, CO<sub>2</sub> sequestration, and carbon recovery for energy. It also contributes to the cultivation of human resources in close cooperation with the chemistry and mechanical engineering departments.

### ● International House

The International House was established to promote interaction among international researchers at Tokyo Tech. Located at the southern end of the Ookayama Campus, it provides accommodations to researchers from abroad with 73 single rooms, 15 couple rooms, and 12 family rooms. Rooms are available for stays from 1 week to 1 year.

### ● Structural Engineering Research Center (SERC)

The Structural Engineering Research Center (SERC) is involved in increasing building and structural safety through the clarification of the mechanical and physical properties of major structural materials, and basic research on the seismic, fire, and wind resistance of buildings and other structures made by combining these materials.

### ● Tokyo Tech Campus Innovation Center (CIC)

The Tokyo Tech Campus Innovation Center (CIC) on the Tamachi Campus is a facility set up for education and research by the Graduate School of Innovation Management, the Career Advancement Professional School and other entities. Representatives from a total of 20 national, public, and private universities gather at the CIC to work on industry-government-university collaboration projects.

### ● Collaboration Center for Design and Manufacturing (CODAMA)

The Collaboration Center for Design and Manufacturing (CODAMA) provides multidisciplinary support for research and education in manufacturing and for regional collaboration. CODAMA is not only used by students for research and education, but it also serves as a base of enlightenment for manufacturing activities. Users include club groups, residents and high school students in the surrounding areas.

### ● Center for Agent-Based Social Systems Sciences (CABSSS)

The Center for Agent-Based Social Systems Sciences (CABSSS) is engaged in promoting research to address social and economic issues, and the creation and dissemination of higher education programs through agent-based social systems simulation (ABSSS).

### ● Research Center for Educational Facilities (RCEF)

The Research Center for Educational Facilities (RCEF) aims to develop educational, academic, sports, and cultural facilities that form creative environments. In order to enhance the functional and effective use of these facilities in the development of society, the RCEF also promotes comprehensive research on facility environment planning.

### ● International Student Center (ISC)

The International Student Center (ISC) provides support for students from abroad enrolled at Tokyo Tech to make living and studying in Japan more enjoyable and meaningful, including offering Japanese language classes. The ISC also provides assistance for Japanese students wishing to study abroad. In addition to offering education and guidance, the Center also conducts surveys and research to help students get the most out of their study abroad.

### ● Foreign Language Research and Teaching Center (FLRTC)

The Foreign Language Research and Teaching Center (FLRTC) conducts both basic and practical research in general linguistics and individual languages. Our research aims to advance language communication theory and deepen understanding of different cultures. In addition, we are working to establish new language education systems at the Institute.

### ● Center for Biological Resources and Informatics (CBRI)

The Center for Biological Resources and Informatics (CBRI) has Research and Infrastructure Divisions to promote and support cutting-edge research in the life sciences. The Infrastructure Division raises and cares for laboratory animals, and supports research and education on genetic testing. The Research Divisions is engaged in information analysis for proteins, genomes, and RNAs.

### ● Research Center for Low Temperature Physics (RCLTP)

The Research Center for Low Temperature Physics (RCLTP) is engaged in research on physical properties under extremely-low temperature, and basic research in the fields of science and engineering. It also provides refrigerants and low-temperature technology to promote related research in the university.

### ● Center for Research in Advanced Financial Technology (CRAFT)

Financial derivatives and price theory are of extreme economic importance. Financial engineering is a distinctive academic field in which the most advance mathematics are linked directly to actual business, which requires close cooperation between university and industry. The Center for Research in Advanced Financial Technology (CRAFT) was established to pursue this role.

### ● Museum of Evolving Earth (MEE)

The Museum of Evolving Earth (MEE) exhibits and explains geological samples obtained from around the world through collaborative research with 28 countries. These samples provide extremely valuable clues about the history of the world and life.

### ● Creative Research Laboratory (CRL)

The Creative Research Laboratory (CRL) is utilized for creative, exploratory or interdisciplinary collaborative research projects, and for practical research carried out by graduate students.

### ● Center for Urban Earthquake Engineering (CUEE)

The Center for Urban Earthquake Engineering (CUEE) promotes new research on urban earthquake engineering combining creation, reproduction, and restoration technologies for the advancement of seismic strengthening in cities as it strives to cultivate next-generation researchers, educators, and disaster prevention specialists responsible for developing new strategies and practices to mitigate seismic "mega" risk.

### ● Bio-Frontier Research Center (BFRC)

Continuing the spirit of the COE program, the Bio-Frontier Research Center (BFRC) was established to systematize collaborative research both in and outside the university taking into account the development of new academic fields and the application of research to medical-use biomaterials based on creative technology and material development. The BFRC promotes the vitalization of academic research and the commercialization of products through industry and university collaboration.

### ● Center for Molecular Science and Technology (CMST)

The Center for Molecular Science and Technology (CMST) organizes symposiums and seminars for the exchange of research information and to cultivate young researchers specializing in chemistry and related fields. A wide range of researchers have participated to expand their research activities.

## Common Facilities

### ● Center for Research into Innovative Nuclear Energy Systems (CRINES)

The Center for Research into Innovative Nuclear Energy Systems (CRINES) conducts research on innovative nuclear energy systems to protect the global environment and ensures sustainable development throughout the world. CRINES has been engaged in basic research in cooperation with the Massachusetts Institute of Technology in the US and other institutions. It is also engaged in activities related to the Generation IV International Forum.

### ● Student Services Center (SSC)

To help students lead a fulfilling school life, Tokyo Tech provides counseling services at the Student Guidance Room and through telephone consultation and peer support. It also conducts surveys on school life and promotes the growth of individual students and encourages interaction through various student-managed activities such as volunteer programs.

### ● Photovoltaics Research Center (PVREC)

The Photovoltaics Research Center (PVREC) was established to conduct innovative research through the integration of physics, chemical engineering, materials engineering, electrical and electronic engineering, physical electronics, and energy engineering. It also serves as a first-class research base tasked with establishing next-generation photovoltaic power generating systems.

### ● Tokyo Tech Front

The Tokyo Tech Front was built jointly with the Tokyo Tech Alumni Association for the purpose of deepening interaction and cooperation among faculty, students, and graduates. It also organizes academic symposiums, conferences and extension courses with the aim of developing research and education at the university and promoting international academic interactions.

### ● Inter-Departmental Organization for Environment and Energy (IDOEE)

The Inter-Departmental Organization for Environment and Energy (IDOEE) develops exploratory and innovative technology with multidisciplinary cooperation from approximately 220 faculty members specializing in the areas of environment and energy, advances new academic fields related to complex energy and environments, and promotes technical development and the cultivation of human resources for the resolution of future environmental and energy issues.

### ● Organization for Life Design and Engineering (OLDE)

The Organization for Life Design and Engineering (OLDE) conducts new research and development through the integration of three research groupings, medical technology, health technology, and secure technology, with support from faculty coming from all research fields. OLDE also fosters experts capable of inspiring R&D and spearheading necessary innovations to deal with today's aging society and declining birthrate.

### ● ICE Cube Center

The ICE Cube Center aims to establish itself as a base for the prevention of global warming and for the realization of a sustainable advanced information and energy society through the development of industry and university collaboration and appropriate research systems.

## Institutes

### ● Integrated Research Institute (IRI)

The Integrated Research Institute (IRI) consists of four affiliated research institutes and four research facilities. Please see the details provided above.

### ● Academy for Global Leadership (AGL)

The Academy for Global Leadership (AGL) cultivates leaders capable of realizing a global society through an integrated multidisciplinary educational system involving master's and doctoral programs in cooperation with Hitotsubashi University. AGL students from Tokyo Tech and Hitotsubashi University acquire advanced knowledge and skills in Dojo Programs, through which students deepen their understanding in different fields, gain broader perspectives, increase their internationality, and develop the ability to take action.

### ● Education Academy of Computational Life Sciences (ACLS)

The Education Academy of Computational Life Sciences (ACLS) aims to train potential leaders in life and computer sciences through combined master's and doctoral programs. The ACLS cultivates "Gamma-type specialists" who have deep practical knowledge in their major specialties along with relevant knowledge and experience in their secondary areas.

### ● Earth-Life Science Institute (ELSI)

The Earth-Life Science Institute (ELSI) was established as a part of the MEXT World Premier International Research Center Initiative (WPI). ELSI aims to seek answers to fundamental questions about the origin of life based on the initial global environment assumed from the cumulative research on the origin and evolution of the earth-life system. In order to achieve this goal, ELSI strives to become a worldwide research base as it develops the concept of bio-planets in the universe through the combination of earth and planetary sciences, and life sciences.

### ● Super-Mechano Systems R&D Center

The Super-Mechano Systems R&D Center aims to develop new mechanical systems essential for society through the creative linkage of knowledge and technology in a wide variety of specializations. This center also contributes not only to the creation and pursuit of mechanical systems, but also to the fostering of human resources engaged in manufacturing.

### ● Center for the Study of World Civilizations

The Center for the Study of World Civilizations organizes frequent seminars on world civilizations in cooperation with world-class artists and researchers as a way of providing students with opportunities to touch and feel a wide range of arts and culture. The Center's goal is to provide clear explanations of advanced information as it cultivates creativity essential to the advancement of research in science and engineering.

### ● Inter-Departmental Organization for Informatics

The Inter-Departmental Organization for Informatics is engaged in the interdisciplinary development of advanced and complex research and academics related to informatics as well as the planning and execution of education and research programs that reflect the fruit of its research. It is also engaged in the creation and planning of extensive research and education organizations at Tokyo Tech.

### ● Career Advancement Professional School

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

### ● Advanced Education Research Center

The Advanced Education Research Center examines policies for cutting-edge research that contributes to the creation of innovative academic fields from the mid- and long-term perspective. It also serves as a base for the continual promotion and development of research and education programs.

### ● Earth Database Center

The Earth Database Center promotes the acceleration of cutting-edge research in integrated fields and revitalizes research and industrial applications of the results through the establishment and development of a wide range of databases, the development of integrative technology for varying types of data, and advanced analysis utilizing TSUBAME.

### ● International Research Center for Nanoscience and Quantum Physics

Quantum physics is the academic field which supports nanoscience research. Nanoscience and quantum physics are two of the most important research fields in the 21st century. The International Research Center for Nanoscience and Quantum Physics is carrying out the highest-level research activities, supporting young researchers, and organizing seminars as an established center of excellence in these fields.

### ● The Museum, Tokyo Institute of Technology

The Museum has collected and preserved highlights of the Tokyo Institute of Technology's activities from the time of its founding 130 years ago, and it records the outcomes of its education and research in the fields of science and technology. The Museum also conducts research on the value of its historical materials and studies how best to utilize them.

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

The Academy for Co-creative Education of Environment and Energy Science (ACEEES) has expertise in the areas of environment and energy research and aims to nurture human resources capable of leadership in the era of 2S (Safety, Sustainability) × 3E (Energy, Economy, Environment). It fosters global leaders equipped with a bird's-eye view that allows them to quickly and accurately perceive solutions to issues, and lead the way with new innovations.

### ● Academy for Global Nuclear Safety and Security Agent

The Academy for Co-creative Education of Environment and Energy Science (ACEEES) has expertise in the areas of environment and energy research and aims to nurture human resources capable of leadership in the era of 2S (Safety, Sustainability) × 3E (Energy, Economy, Environment). It fosters global leaders equipped with a bird's-eye view that allows them to quickly and accurately perceive solutions to issues, and lead the way with new innovations.

### ● Innovator and Inventor Development Platform (IIDP)

The Innovator and Inventor Development Platform (IIDP) was founded in 2013 through the integration of career support programs at Tokyo Tech to provide intensified career education to students. The IIDP has three programs corresponding to different career plans to give students opportunities to cultivate career awareness, participate in on-site training, and to explore career paths.

## Staff / Students

## Staff / Student Numbers

## Number of Staff

The Board	President	Executive Vice President	Auditor	Total
President / Executive Vice President / Auditor	1	4	2	7

Research and Teaching Staff	Professor	Associate Professor	Lecturer	Assistant Professor	Research Associate	High School Teacher	Teacher Nurse High School Assistant	Total
Graduate School of Science and Engineering (Science)	43	38	1	54	2			138
Graduate School of Science and Engineering (Engineering)	109	99	1	104	1			314
Graduate School of Bioscience and Biotechnology	21	19	5	35	2			82
Interdisciplinary Graduate School of Science and Engineering	53	42	6	37	2			140
Graduate School of Information Science and Engineering	26	26	2	24				78
Graduate School of Decision Science and Technology	26	23		24				73
Graduate School of Innovation Management	8	3		1				12
Chemical Resources Laboratory	10	12	2	21				45
Precision and Intelligence Laboratory	14	13		17				44
Materials and Structures Laboratory	10	11		9				30
Research Laboratory for Nuclear Reactors	9	9		9				27
Research Facilities	12	4		2				18
Research and Service Centers	37	31	3	15	1			87
Tokyo Tech High School of Science and Technology						42	5	47
Total	378	330	20	352	8	42	5	1,135

Office and Technical Staff	Administrative Staff	Technical Staff	Medical Staff	Other	Total
Administration Bureau / Technical Department	458	119	5	1	583

## Number of Part-Time Staff

Research and Teaching Staff	Institute Professor	Professor	Associate Professor	Lecturer	Assistant Professor	Adjunct Professor	Adjunct Associate Professor	Visiting Professor	Visiting Associate Professor	Other	Total
Part-Time Teaching Staff	8	96	52	12	65	104	43	52	11	12	455

Office and Technical Staff	Vice President	Administrative Staff	Technical Staff	Medical Staff	Total
Part-Time Staff (Working 30 or more hours per week)		477	220	1	698
Part-Time Staff (Working 29 or less hours per week)	3	394	158		555
Total	3	871	378	1	1,253

## Research Staff

As of May 1, 2014

Affiliation	Visiting Researcher	Researcher from Industrial Firms (Sponsored Research)	Researcher from Industrial Firms (Collaborative Research)	JSPS Fellows (Japan Society for the Promotion of Science)				Total
				PD	DC2	DC1	Total	
Graduate School of Science and Engineering	8	9	25	21	32	37	90	132
Graduate School of Bioscience and Biotechnology		1	3	3	8	6	17	21
Interdisciplinary Graduate School of Science and Engineering	4	1	8	9	23	23	55	68
Graduate School of Information Science and Engineering	6	1	4	3	5	5	13	24
Graduate School of Decision Science and Technology	2			1	6	4	11	13
Graduate School of Innovation Management		5		1			1	6
Chemical Resources Laboratory	2		9	1			1	12
Precision and Intelligence Laboratory	4			1			1	5
Materials and Structures Laboratory	2		2	1			1	5
Research Laboratory for Nuclear Reactors	5		2	1			1	8
Research Facilities	2	1	1	2			2	6
Research and Service Centers	2		11	1			1	14
Total	37	18	65	45	74	75	194	314

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

## Visiting Researchers by Country and Region

Numbers for FY 2013

Country and Area	Headcount
Asia	
China	30
Hong Kong	1
Korea	14
India	12
Indonesia	6
Thailand	9
Vietnam	4
Taiwan	6
Japan	2
Philippines	3
Malaysia	3
Laos	1
Cambodia	1
Nepal	1
Bangladesh	2
Myanmar	3
Mongolia	1
North America	
U.S.A.	11
Canada	3

Country and Area	Headcount
Central and South America	
Mexico	2
Brazil	1
Argentina	1
Peru	1
Europe	
Germany	13
Italy	2
Spain	2
United Kingdom	3
Czech Republic	0
France	12
Austria	2
Switzerland	1
Greece	1
Finland	2
Poland	2
Bulgaria	2
Lithuania	1
Belarus	1
Hungary	1

Country and Area	Headcount
Europe	
Uzbekistan	3
Slovakia	2
Romania	2
Kazakhstan	1
Russia	2
Oceania	
Australia	8
Middle East	
Iran	3
Pakistan	1
Jordan	1
Israel	1
Turkey	2
Africa	
Algeria	1
Egypt	6
Total (51 countries)	
	196

Staff / Student Numbers

Undergraduate Students

Department	Admissions Quotas	Enrollment										Total
		1st-year		2nd-year		3rd-year		4th-year		Total		
		M	F	M	F	M	F	M	F	M	F	
School (1st-year)												
Science (Group 1)												
Mathematics	25			22 (0)	2 (0)	26 (0)	2 (0)	38 (1)	0 (0)	86 (1)	4 (0)	90 (1)
Physics	54			54 (1)	2 (0)	59 (1)	4 (0)	73 (2)	8 (0)	186 (4)	14 (0)	200 (4)
Chemistry	37			32 (0)	4 (0)	28 (0)	3 (1)	40 (1)	9 (0)	100 (1)	16 (1)	116 (2)
Information Science	34			34 (0)	2 (0)	33 (1)	1 (0)	52 (1)	1 (0)	119 (2)	4 (0)	123 (2)
Earth and Planetary Sciences	35			27 (0)	2 (1)	34 (1)	5 (0)	44 (0)	4 (0)	105 (1)	11 (1)	116 (2)
General Education (1st-year)		202 (3)	18 (1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	202 (3)	18 (1)	220 (4)
Total	185	202 (3)	18 (1)	169 (1)	12 (1)	180 (3)	15 (1)	247 (5)	22 (0)	798 (12)	67 (3)	865 (15)
Engineering (Groups 2 to 6)												
Metallurgical Engineering	33			30 (0)	3 (0)	29 (0)	3 (0)	40 (1)	8 (1)	99 (1)	14 (1)	113 (2)
Organic and Polymeric Materials	20			22 (1)	1 (0)	21 (1)	3 (0)	25 (1)	2 (0)	68 (3)	6 (0)	74 (3)
Inorganic Materials	30			33 (0)	3 (0)	31 (0)	5 (0)	30 (0)	4 (0)	94 (0)	12 (0)	106 (0)
Chemical Engineering	70			62 (0)	6 (2)	62 (1)	9 (0)	84 (6)	11 (2)	208 (7)	26 (4)	234 (11)
Polymer Chemistry	30			24 (0)	7 (0)	27 (0)	9 (0)	31 (0)	5 (0)	82 (0)	21 (0)	103 (0)
Mechanical Engineering and Science	52			54 (3)	4 (0)	56 (4)	1 (0)	55 (2)	4 (0)	165 (9)	9 (0)	174 (9)
Mechanical and Intelligent Systems Engineering	40			41 (2)	3 (0)	37 (2)	3 (0)	44 (2)	3 (0)	122 (6)	9 (0)	131 (6)
Mechano-Aerospace Engineering	40			36 (2)	4 (0)	44 (1)	3 (0)	47 (0)	1 (0)	127 (3)	8 (0)	135 (3)
Control and Systems Engineering	43			53 (3)	0 (0)	49 (2)	4 (0)	56 (4)	3 (0)	158 (9)	7 (0)	165 (9)
Industrial and Systems Engineering	36			35 (0)	4 (0)	35 (1)	3 (0)	40 (0)	4 (1)	110 (1)	11 (1)	121 (2)
International Development Engineering	40			26 (10)	3 (2)	24 (5)	3 (3)	36 (8)	4 (2)	86 (23)	10 (7)	96 (30)
Electrical and Electronic Engineering	82			70 (3)	5 (0)	79 (4)	4 (1)	114 (7)	4 (0)	263 (14)	13 (1)	276 (15)
Computer Science	102			105 (3)	8 (0)	110 (3)	5 (0)	126 (5)	9 (1)	341 (11)	22 (1)	363 (12)
Civil Engineering (former)				0 (0)	0 (0)	0 (0)	0 (0)	1 (1)	0 (0)	1 (1)	0 (0)	1 (1)
Civil and Environmental Engineering	34			30 (0)	6 (1)	32 (1)	2 (0)	39 (1)	4 (0)	101 (2)	12 (1)	113 (3)
Architecture and Building Engineering	45			31 (0)	14 (1)	28 (1)	15 (0)	40 (1)	18 (0)	99 (2)	47 (1)	146 (3)
Social Engineering	36			23 (0)	7 (0)	34 (0)	5 (0)	42 (0)	7 (1)	99 (0)	19 (1)	118 (1)
General Education (1st-year)	20*	708 (29)	92 (10)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	708 (29)	92 (10)	800 (39)
Total	733	708 (29)	92 (10)	675 (27)	78 (6)	698 (26)	77 (4)	850 (39)	91 (8)	2,931 (121)	338 (28)	3,269 (149)
Bioscience and Biotechnology (Groups 7)												
Bioscience	75			48 (0)	9 (1)	59 (0)	10 (2)	75 (1)	10 (0)	182 (1)	29 (3)	211 (4)
Biotechnology	75			61 (0)	17 (0)	60 (0)	23 (1)	64 (2)	28 (0)	185 (2)	68 (1)	253 (3)
General Education (1st-year)	10*	134 (0)	29 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	134 (0)	29 (3)	163 (3)
Total	150	134 (0)	29 (3)	109 (0)	26 (1)	119 (0)	33 (3)	139 (3)	38 (0)	501 (3)	126 (7)	627 (10)
Total												
	1,068	1,044 (32)	139 (14)	953 (28)	116 (8)	997 (29)	125 (8)	1,236 (47)	151 (8)	4,230 (136)	531 (38)	4,761 (174)

Notes: 1) Asterisk (\*) represents the number of transfer students moving into the 3rd-year.  
2) Figures given in parentheses represent the number of international students.

Number of Students by School

School	Department	M	F	Total
Science	Group 1	202	18	220
	Group 2	78	18	96
Engineering	Group 3	101	21	122
	Group 4	227	17	244

School	Department	M	F	Total
Engineering	Group 5	218	14	232
	Group 6	84	22	106
Bioscience and Biotechnology	Group 7	134	29	163
Total		1,044	139	1,183

Graduate Students

Department	Master's Program							Master's Program Total	Doctoral Program										Doctoral Program Total
	Admitted	1st-year		2nd-year		Total			Admitted	1st-year		2nd-year		3rd-year		Total			
		M	F	M	F	M	F			M	F	M	F	M	F	M	F		
Graduate School																			
Science and Engineering																			
Mathematics	22	20 (1)	0	28	0	48 (1)	0 (0)	48 (1)	8	1	1	4	1 (1)	10	0	15 (0)	2 (1)	17 (1)	
Fundamental Physics	23	24 (3)	2	23	4 (1)	47 (3)	6 (1)	53 (4)	8	15 (2)	1	6 (1)	1 (1)	13	0	34 (3)	2 (1)	36 (4)	
Condensed Matter Physics	35	33	2	32 (1)	2	65 (1)	4 (0)	69 (1)	12	3	0	6 (1)	1	7	0	16 (1)	1 (0)	17 (1)	
Chemistry	41	35	4 (1)	34	11	69 (0)	15 (1)	84 (1)	12	5	2	12	1 (1)	18 (1)	5 (2)	35 (1)	8 (3)	43 (4)	
Earth and Planetary Sciences	19	15	4	13	6	28 (0)	10 (0)	38 (0)	7	6	2 (1)	3	3	10 (1)	2	19 (1)	7 (1)	26 (2)	
Chemistry and Materials Science	32	34 (2)	3	34 (3)	6	68 (5)	9 (0)	77 (5)	10	9 (1)	3 (1)	6 (1)	1	4	1	19 (2)	5 (1)	24 (3)	
Metallurgy and Ceramics Science	43	45 (6)	6 (1)	44 (1)	7 (3)	89 (7)	13 (4)	102 (11)	13	12 (4)	3 (2)	10 (4)	1 (1)	9 (5)	2 (2)	31 (13)	6 (5)	37 (18)	
Organic and Polymeric Materials	51	53 (5)	9 (1)	51 (1)	10 (4)	104 (6)	19 (5)	123 (11)	15	8 (3)	2 (2)	11 (4)	7 (3)	17 (4)	4 (2)	36 (11)	13 (7)	49 (18)	
Applied Chemistry	27	22	4	21	5 (2)	43 (0)	9 (2)	52 (2)	7	3	0	9	0	2	0	14 (0)	0 (0)	14 (0)	
Chemical Engineering	28	28 (2)	4 (3)	34 (1)	1	62 (3)	5 (3)	67 (6)	9	5 (3)	1	4 (1)	3 (3)	3 (2)	0	12 (6)	4 (3)	16 (9)	
Mechanical Sciences and Engineering	44	47 (3)	3 (2)	44 (3)	2	91 (6)	5 (2)	96 (8)	12	2 (1)	0	3 (1)	1 (1)	1	1	6 (2)	2 (1)	8 (3)	
Mechanical and Control Engineering	52	57 (7)	1	63 (9)	4 (3)	120 (16)	5 (3)	125 (19)	15	9 (4)	2 (1)	5 (1)	2 (1)	12 (8)	1 (1)	26 (13)	5 (3)	31 (16)	
Mechanical and Aerospace Engineering	29	26 (1)	2 (2)	31 (3)	2	57 (4)	4 (2)	61 (6)	9	5 (5)	0	7 (3)	1	6 (2)	1 (1)	18 (10)	2 (1)	20 (11)	
Electrical and Electronic Engineering	35	35 (1)	0	40 (3)	3 (1)	75 (4)	3 (1)	78 (5)	13	9 (1)	0 (1)	13 (4)	0	11 (7)	2 (2)	33 (12)	2 (3)	35 (15)	
Physical Electronics	36	42 (8)	0	45 (3)	3 (1)	87 (11)	3 (1)	90 (12)	12	9 (3)	0	10 (5)	0	18 (10)	0	37 (18)	0 (0)	37 (18)	
Communications and Integrated Systems		0	0	8 (3)	0	8 (3)	0 (0)	8 (3)		0	0	2 (1)	0	16 (10)	3 (3)	18 (11)	3 (3)	21 (14)	
Communications and Computer Engineering	32	31 (1)	2	34 (3)	0	65 (4)	2 (0)	67 (4)	10	2 (1)	0	2 (1)	0	0	0	4 (2)	0 (0)	4 (2)	
Civil Engineering	27	23 (4)	9 (4)	22 (5)	17 (5)	45 (9)	26 (9)	71 (18)	8	14 (11)	5 (2)	4 (1)	4 (4)	5 (4)	1 (1)	23 (16)	10 (7)	33 (23)	
Architecture and Building Engineering	36	33 (6)	11 (2)	38 (6)	16 (3)	71 (12)	27 (5)	98 (17)	11	7 (1)	2 (1)	4	1	6 (2)	1	17 (3)	4 (1)	21 (4)	
International Development Engineering	26	30 (12)	7 (6)	26 (8)	12 (8)	56 (20)	19 (14)	75 (34)	9	6 (2)	3 (2)	9 (4)	7 (5)	7 (5)	5 (5)	22 (11)	15 (12)	37 (23)	
Nuclear Engineering	26	27 (4)	4	26 (5)	2	53 (9)	6 (0)	59 (9)	12	5	2 (2)	8 (4)	1 (1)	10 (5)	5 (3)	23 (9)	8 (6)	31 (15)	
Total	664	660 (66)	77 (22)	691 (58)	113 (31)	1,351 (124)	190 (53)	1,541 (177)	212	135 (42)	29 (15)	138 (37)	36 (22)	185 (66)	34 (22)	458 (145)	99 (59)	557 (204)	
Bioscience and Biotechnology																			
Life Science	29	24 (2)	8 (1)	20	9 (2)	44 (2)	17 (3)	61 (5)	8	4	2 (2)	6 (1)	1 (1)	6	3 (2)	16 (1)	6 (5)	22 (6)	
Biological Sciences	26	26 (3)	2 (1)	21	7 (3)	47 (3)	9 (4)	56 (7)	9	1	4 (1)	4	4 (1)	8 (1)	6 (2)	13 (1)	14 (4)	27 (5)	
Biological Information	31	25 (1)	6	25 (2)	7 (3)	50 (3)	13 (3)	63 (6)	9	4 (1)	1	9	2	8 (1)	1	21 (2)	4 (0)	25 (2)	
Bioengineering	30	27 (3)	9 (4)	28 (1)	7	55 (4)	16 (4)	71 (8)	7	5 (1)	0	8 (2)	0	7 (3)	4	20 (6)	4 (0)	24 (6)	
Biomolecular Engineering	30	23 (1)	11 (1)	29 (1)	4	52 (2)	15 (1)	67 (3)	11	2 (1)	1 (1)	3	1 (1)	7	3 (1)	12 (1)	5 (3)	17 (4)	
Total	146	125 (10)	36 (7)	123 (4)	34 (8)	248 (14)	70 (15)	318 (29)	44	16 (3)	8 (4)	30 (3)	8 (3)	36 (5)	17 (5)	82 (11)	33 (12)	115 (23)	
Interdisciplinary Graduate School of Science and Engineering																			
Innovative and Engineered Materials	44	42 (4)	8 (1)	43 (1)	4	85 (5)	12 (1)	97 (6)	22	11 (2)	1	12 (2)	6 (3)	16 (1)	4 (1)	39 (5)	11 (4)	50 (9)	
Electronic Chemistry	48	43	10 (2)	45	9 (1)	88 (0)	19 (3)	107 (3)	20	25 (10)	2 (2)	11 (2)	5 (4)	16 (5)	3 (2)	52 (17)	10 (8)	62 (25)	
Materials Science and Engineering	43	42 (2)	0	42 (1)	6 (1)	84 (3)	6 (1)	90 (4)	19	3	4 (1)	3	0	11 (3)	2 (2)	17 (3)	6 (3)	23 (6)	
Environmental Science and Technology	40	43 (14)	14 (10)	40 (7)	6 (2)	83 (21)	20 (12)	103 (33)	26	9 (7)	5 (4)	11 (7)	7 (6)	8 (3)	4 (3)	28 (17)	16 (13)	44 (30)	
Built Environment	44	24	11	36	13	60 (0)	24 (0)	84 (0)	18	6 (2)	0	5	0	13 (3)	4 (2)	24 (5)	4 (2)	28 (7)	
Energy Sciences	41	41 (4)	4 (1)	43 (4)	3	84 (8)	7 (1)	91 (9)	17	7 (2)	0	9 (4)	0	12 (3)	1	28 (9)	1 (0)	29 (9)	
Environmental Chemistry and Engineering	40	33 (2)	11 (2)	41 (1)	4	74 (3)	15 (2)	89 (5)	16	9 (4)	1	12 (1)	2 (2)	10 (2)	2 (2)	31 (7)	5 (4)	36 (11)	
Electronics and Applied Physics	46	49 (6)	1	46 (8)	5	95 (14)	6 (0)	101 (14)	23	14 (2)	0	7 (2)	1	16 (3)	2 (2)	37 (7)	3 (2)	40 (9)	
Mechano-Micro Engineering	31	32 (2)	2	40 (3)	1	72 (5)	3 (0)	75 (5)	10	9 (2)	0	7 (2)	0	4 (2)	2 (2)	20 (6)	2 (2)	22 (8)	
Computational Intelligence and Systems Science	76	71 (13)	8 (1)	82 (13)	10 (4)	153 (26)	18 (5)	171 (31)	31	24 (8)	3 (3)	25 (9)	6 (3)	45 (8)	7 (4)	94 (25)	16 (10)	110 (35)	
Information Processing	41	44 (6)	7 (4)	52 (7)	2 (1)	96 (13)	9 (5)	105 (18)	17	13 (6)	3 (2)	14 (4)	2 (1)	20 (8)	3 (2)	47 (18)	8 (5)	55 (23)	
Total	494	464 (53)	76 (21)	510 (45)	63 (9)	974 (98)	139 (30)	1,113 (128)	219	130 (45)	19 (12)	116 (33)	29 (19)	171 (41)	34 (22)	417 (119)	82 (53)	499 (172)	
Information Science and Engineering																			
Mathematical and Computing Sciences	31	36 (6)	0	20 (4)	2	56 (10)	2 (0)	58 (10)	10	3	1	8 (1)	0	9 (2)	1	20 (3)	2 (0)	22 (3)	
Computer Science	45	49 (9)	5 (4)	60 (7)	2 (2)	109 (16)	7 (6)	116 (22)	15	6 (2)	1	7 (2)	1 (1)	16 (9)	5 (5)	29 (13)	7 (6)	36 (19)	
Mechanical and Environmental Informatics	40	43 (5)	5 (1)	43 (2)	2	86 (7)	7 (1)	93 (8)	13	8 (1)	0	7 (1)	4 (2)	9 (4)	4 (1)	24 (6)	8 (3)	32 (9)	
Total	116	128 (20)	10 (5)	123 (13)	6 (2)	251 (33)	16 (7)	267 (40)	38	17 (3)	2 (0)	22 (4)	5 (3)	34 (15)	10 (6)	73 (22)	17 (9)	90 (31)	
Decision Science and Technology																			
Human System Science	27	22 (2)	7 (6)	20 (3)	11 (8)	42 (5)	18 (14)	60 (19)	11	3	5 (2)	0	2 (1)	8 (1)	13 (6)	11 (1)	20 (9)	31 (10)	
Value and Decision Science	26	11	11 (2)	22	5 (2)	33 (0)	16 (4)	49 (4)	9	2	5	8 (1)	1	17 (3)	9	27 (4)	15 (0)	42 (4)	
Industrial Engineering and Management	38	29	5	44 (3)	3 (1)	73 (3)	8 (1)	81 (4)	13	6 (3)	0	8 (5)	2 (1)	17 (5)	4 (3)	31 (13)	6 (4)	37 (17)	
Social Engineering	33	24	9 (1)	30	12 (3)	54 (0)	21 (4)	75 (4)	11	4	0	2	3	10	11 (3)	16 (0)	14 (3)	30 (3)	
Total	124	86 (2)	32 (9)	116 (6)	31 (14)	202 (8)	63 (23)	265 (31)	44	15 (3)	10 (2)	18 (6)	8 (2)	52 (9)	37 (12)	85 (18)	55 (16)	140 (34)	
Innovation Management																			
Management of Technology*	40	36	3	48 (1)	5	84 (1)	8 (0)	92 (1)											
Innovation**								10	9 (4)	1 (2)	3	2 (1)	23 (2)	6	35 (6)	9 (3)	44 (9)		
Total	40	36 (0)	3 (0)	48 (1)	5 (0)	84 (1)	8 (0)	92 (1)	10	9 (4)	1 (2)	3 (0)	2 (1)	23 (2)	6 (0)	35 (6)	9 (3)	44 (9)	
Total																			
	1,584	1,499 (151)	234 (64)	1,611 (127)	252 (64)	3,110 (278)	486 (128)	3,596 (406)	567	322 (100)	69 (35)	327 (83)	88 (50)	501 (138)	138 (67)	1,150 (321)	295 (152)	1,445 (473)	

Staff / Student Numbers

As of May 1, 2014

Research Students

Schools & Graduate Schools	Special Register Student		Research Student (Japanese Government Scholarship)		Research Student (Privately Funded)		International Exchange Students		International Visiting Students		Japanese Intensive Course students		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
School														
Science	11 (0)	1 (0)			0 (0)	0 (0)							11 (0)	1 (0)
Engineering	17 (0)	5 (0)			0 (0)	0 (0)							17 (0)	5 (0)
Bioscience and Biotechnology	1 (0)	1 (0)			0 (0)	0 (0)							1 (0)	1 (0)
Graduate School														
Science and Engineering	3 (0)	2 (0)	2 (2)	1 (1)	18 (10)	4 (2)	36 (36)	12 (12)	3 (3)				62 (50)	19 (15)
Bioscience and Biotechnology	0 (0)	0 (0)			2 (1)	2 (2)		4 (4)					2 (0)	6 (6)
Interdisciplinary Graduate School of Science and Engineering	3 (0)	0 (0)	1 (1)		13 (8)	5 (4)	6 (6)	1 (1)					23 (17)	6 (4)
Information Science and Engineering	0 (0)	0 (0)	2 (2)		2 (1)	1 (0)	10 (10)	1 (1)	1 (1)				15 (14)	2 (1)
Decision Science and Technology	2 (0)	0 (0)			1 (0)		5 (5)	1 (1)					8 (5)	1 (1)
Innovation Management	3 (0)	1 (0)			0 (0)	1 (0)							3 (0)	2 (0)
Other														
Chemical Resources Laboratory	0 (0)	0 (0)			0 (0)		1 (1)		1 (1)				2 (2)	0 (0)
Precision and Intelligence Laboratory	0 (0)	0 (0)			1 (1)	2 (2)	5 (5)	1 (1)					6 (7)	3 (3)
Materials and Structures Laboratory	0 (0)	0 (0)			1 (1)	1 (1)	1 (1)						2 (2)	1 (1)
Research Laboratory for Nuclear Reactors	0 (0)	0 (0)			0 (0)	1 (1)	2 (2)	2 (2)					2 (2)	3 (3)
Imaging Science and Engineering Laboratory	0 (0)	0 (0)	1 (1)		2 (1)	1 (1)	2 (2)	1 (1)					5 (4)	2 (2)
Other*	0 (0)	0 (0)			2 (2)	3 (3)	2 (2)	1 (1)			18 (18)	6 (6)	22 (22)	10 (10)
Total														
	40 (0)	10 (0)	6 (6)	1 (1)	42 (25)	21 (16)	70 (70)	24 (24)	5 (5)	0 (0)	18 (18)	6 (6)	181 (125)	62 (46)

Note: \* joint research and educational facilities at Tokyo Tech, including international Student Center. Figures in parentheses represent the number of international students.

International Students

Country and Area	Undergraduate Program	Master's Program	Doctoral Program	Professional Master's Program	Non-Degree Program	Total
Asia						
China	80	191	167	3	56	497
Taiwan		4	9		3	16
Korea	32	28	48		3	111
India	1	4	1		4	10
Indonesia	11	28	31		13	83
Thailand	6	52	60	2	13	133
Vietnam	14	17	17			48
Malaysia	16	12	21	1	1	51
Mongolia	3	5	4		1	13
Cambodia	1	1	4			6
Singapore	1	1	1		2	5
Sri Lanka	2	2	7			11
Nepal	2	5	2		1	10
Bangladesh	1	3	3			7
Myanmar		1	2			3
Pakistan		1	3			4
Brunei		1				1
Philippines		3	14		4	21
Bhutan			1			1
North America						
U.S.A.		8	6		4	18
Canada		2	3		1	6
Central and South America						
Brazil	3	1	4		3	11
Jamaica		2				2
Mexico		2	3		2	7
Colombia		1	1	1		3
Argentina			1		1	2
Chile					2	2
Cuba			1		1	2
Honduras					1	1
Peru			1			1
Costa Rica			1			1
Europe						
Italy		1			4	5
Austria		1				1
Netherlands			1		4	5
Kazakhstan		2	1			3
Sweden		2	3	1	7	13

Country and Area	Undergraduate Program	Master's Program	Doctoral Program	Professional Master's Program	Non-Degree Program	Total
Europe						
Spain		1	1			2
Denmark		2				2
France			2		6	8
Hungary		1				1
Bulgaria		1			1	2
Switzerland					5	5
Serbia		1				1
Lithuania		1				1
United Kingdom		1	1	1		3
Germany			2	1	6	9
Norway					4	4
Finland			1		4	5
Poland			2		2	4
Russia			2		1	3
Romania			2			2
Oceania						
Australia		3	1		2	6
Africa						
Egypt		2	1		6	9
South Africa			2			2
Uganda		1				1
Ghana		1				1
Senegal		1	1			2
Tunisia		1				1
Tanzania		1				1
Algeria			7			7
Ethiopia			1			1
Cameroon			1			1
Kenya			2			2
Middle East						
Iran	1	1	3		1	6
UAE			1			1
Syria			3			3
Turkey		5	5			10
Israel					1	1
Iraq					1	1
Palestinian Authority			2			2
Total						
	174	405	464	10	171	1,224

Enrollment

As of May 1, 2014

Enrollment

Undergraduate Program	Science	Engineering					Bioscience and Biotechnology	Total
	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	
Applicants	802	290	490	1,088	949	547	911	5,077
Admitted	185	85	108	201	201	95	153	1,028
Enrolled	197	92	114	233	214	102	156	1,108

Undergraduate Program	Master's Program						Total
	Science and Engineering	Bioscience and Biotechnology	Interdisciplinary Graduate School of Science and Engineering	Information Science and Engineering	Decision Science and Technology	Innovation Management	
Applicants	1,114	192	996	198	204	63	2,767
Admitted	664	146	494	116	124	40	1,584
Enrolled	668	151	473	124	105	29	1,550

Undergraduate Program	Doctoral Program						Total
	Science and Engineering	Bioscience and Biotechnology	Interdisciplinary Graduate School of Science and Engineering	Information Science and Engineering	Decision Science and Technology	Innovation Management	
Applicants	177	26	158	23	34	11	429
Admitted	212	44	219	38	44	10	567
Enrolled	107	17	94	9	14	7	248

Location of High Schools from which Students Graduated

Region	Prefecture	Enrolled	Region	Prefecture	Enrolled	Region	Prefecture	Enrolled
Hokkaido	Hokkaido	22	Hokuriku	Ishikawa	10	Chugoku / Shikoku	Okayama	5
Tohoku	Aomori	2		Fukui	1		Hiroshima	7
	Iwate	3	Chubu	Yamanashi	8		Yamaguchi	0
	Miyagi	2		Nagano	7		Tokushima	1
	Akita	2		Gifu	6		Kagawa	3
	Yamagata	2		Shizuoka	16		Ehime	4
	Fukushima	6		Aichi	36		Kochi	7
Kanto	Ibaraki	31	Kinki	Mie	6	Kyushu / Okinawa	Fukuoka	15
	Tochigi	13		Shiga	2		Saga	4
	Gunma	8		Kyoto	2		Nagasaki	5
	Saitama	72		Osaka	6		Kumamoto	6
	Chiba	78		Hyogo	13		Oita	2
	Tokyo	422		Nara	2		Miyazaki	2
Hokuriku	Kanagawa	186	Chugoku / Shikoku	Wakayama	0		Kagoshima	9
	Niigata	7		Tottori	0		Okinawa	5
	Toyama	6		Shimane	1	Total		1,053

## Graduates and Postgraduate Activities

FY 2013

### Bachelor's Degrees

Schools	Number of Graduates	Manufacturers	Non-Manufacturers	Education	Government or Public Agencies	Other / Unknown*	Further Study
School of Science	191		14	2	1	10	164
School of Engineering	786	14	41		7	19	705
School of Bioscience and Biotechnology	149	1	6			2	140
Total	1,126	15	61	2	8	31	1,009

Note: \* includes part-time staff, etc.

### Postgraduate Activities of Individuals Acquiring Master's Degrees

Graduate Schools	Number of Graduates	Manufacturers	Non-Manufacturers	Education	Government or Public Agencies	Other / Unknown*	Further Study
Graduate School of Science and Engineering	718	363	201	3	15	21	115
Graduate School of Bioscience and Biotechnology	135	65	42	2	1	7	18
Interdisciplinary Graduate School of Science and Engineering	527	241	168	1	12	22	83
Graduate School of Information Science and Engineering	120	28	75	1	1	4	11
Graduate School of Decision Science and Technology	118	20	74	1	5	9	9
Graduate School of Innovation Management	37	10	24	1		1	1
Total	1,655	727	584	9	34	64	237

Note: \* includes part-time staff, etc.

### Postgraduate Activities of Individuals Acquiring Doctoral Degrees

Graduate Schools	Number of Graduates	Manufacturers	Non-Manufacturers	Education	Government or Public Agencies	Other / Unknown*
Graduate School of Science and Engineering	173	51	33	20	4	65
Graduate School of Bioscience and Biotechnology	31	10	5	2		14
Interdisciplinary Graduate School of Science and Engineering	127	33	22	14	2	56
Graduate School of Information Science and Engineering	29	5	9	6		9
Graduate School of Decision Science and Technology	29	2	6	2		19
Graduate School of Innovation Management	7	1		1		5
Total	396	102	75	45	6	168

Note: \* includes post-doctoral students, part-time staff, etc.

### Number of Doctoral Degrees Granted

Graduate Schools	Graduate Program Ph.D.					Dissertation Ph.D.				
	Doctor of Science	Doctor of Engineering	Doctor of Philosophy	Doctor of MOT	Total	Doctor of Science	Doctor of Engineering	Doctor of Philosophy	Doctor of MOT	Total
Graduate School of Science and Engineering	41	90	18		149		5			5
Graduate School of Bioscience and Biotechnology	14	18	1		33					0
Interdisciplinary Graduate School of Science and Engineering	23	96	7		126		1			1
Graduate School of Information Science and Engineering	6	15	5		26		1			1
Graduate School of Decision Science and Technology	1	10	5		16		1	2		3
Graduate School of Innovation Management				4	4					0
Total	85	229	36	4	354	0	8	2	0	10

# Education & Research Programs

## Education Programs

### Undergraduate Education Programs

#### ● Multidisciplinary Joint Education Certificate Courses of the Confederation of the Four Universities

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

#### ● Project for the Discovery and Development of Core Skills in Science and Engineering Students

The Student Services Center (SSC) Student Initiative Support Office operates this educational project to provide students the opportunity to be engaged in the planning and operation of symposiums and special lectures, and to participate in conferences to foster their creativity and leadership. Although credits are not awarded for this program, it is valuable in helping students to increase their abilities.

## Graduate Education Program

#### ● Integrated Doctoral Education Program

The goal of the Integrated Doctoral Education Program is to foster highly proficient engineers and researchers equipped with the knowledge, skill, and creativity required to lead the next generation in contributing to social and industrial development in the 21st century as a part of the approaches made by the Innovator and Inventor Development Platform (IIDP).

#### ● Dual Degree Program

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

#### ● Special Graduate Course

The Special Graduate Course was established to contribute to the sophistication and diversification of research and education provided at graduate schools by offering cutting-edge graduate education and fostering practical human resources beyond the boundaries of graduate schools and specializations through cross-sectoral and flexible educational systems

## International Graduate Program

#### ● International Graduate Program

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

Graduate School	Master's Program	Doctoral Program	Total
Science and Engineering	49	39	88
Bioscience and Biotechnology	10	5	15
Interdisciplinary Graduate School of Science and Engineering	46	32	78
Information Science and Engineering	9	5	14

#### ● Global Scientists and Engineers Course

Students enrolled in this course will take classes in four programs in addition to their regular bachelor's degree coursework to improve their international awareness, english language proficiency and communication skills, understanding of different cultures, their ability to work on a team, ability to find and solve problems, and enhance their experience studying abroad. Students satisfying all requirements are awarded a certificate of completion.

Program	Students Enrolled in the Programs
Multidisciplinary Joint Education Certificate Courses of the Confederation of the Four Universities	251
Global Scientists and Engineers Course	498

As of May 1, 2014

#### ● Tokyo Tech-Tsinghua University Joint Graduate Program

Tokyo Tech and Tsinghua University (China) offer joint graduate programs to cultivate excellent human resources in science and engineering familiar with both Chinese and Japanese cultures and customs and equipped with Chinese and Japanese language proficiency to contribute to the development of science, technology, industry and economy in China and Japan.

Program	Students Who Have Completed the Programs
Integrated Doctoral Education Program	21
Dual Degree Program	4
Special Graduate Course	116
Tokyo Tech-Tsinghua University Joint Graduate Program	14

FY 2013

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

Graduate School	Master's Program	Doctoral Program	Total
Decision Science and Technology	2	2	4
Innovation Management	0	1	1
Total	116	84	200

As of May 1, 2014

Research Programs

Featured Research Platforms

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

Earth-Life Science Institute (ELSI) was established as a part of the MEXT World Premier International Research Center Initiative (WPI). ELSI seeks answers to fundamental questions about the origin of life based on the initial global environment assumed from accumulated research on origin and evolution of the earth-life system. In order to achieve the goal, ELSI strives to develop the concept of bio-planets in the universe through the combination of earth and planetary sciences and life sciences, and to become a worldwide research base.

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

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

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

Term	June 29, 2012 - Mar. 31, 2023
Program Director	HOSONO Hideo

● JST Strategic Basic Research Programs - Exploratory Research for Advanced Technology (ERATO): Iyoda Supra-Integrated Material Project

The Iyoda Supra-Integrated Material Project was adopted as the base for the JST ERATO project. This project aims to develop templates for nano/micro scale template processes to be applied to a wide range of materials, realize the precise distribution and layout of different materials, and create supra-integrated materials that design and control mutual functions between different materials.

Term	Oct. 16, 2010 - Mar. 31, 2016
Program Director	IYODA Tomokazu

Endowment Chairs of Private Companies

Title	Term	Affiliation
The 130th Anniversary of Tokyo Institute of Technology Commemorative Course - Creative Food Science, Technology and Culture in the Future funded by Hisao Taki and Gourmet Navigator Incorporated	Oct. 1, 2010 - Sept. 30, 2014, Oct. 1, 2014 - Sept. 30, 2016	Graduate School of Innovation Management
Railway Technology Innovation and Standardization (Endowed Chair by East Japan Railway Company)	Jan. 1, 2011 - Dec. 31, 2015	Graduate School of Science and Engineering
Advanced Free Radical Technology and Life Science	Apr. 1, 2011 - Mar. 31, 2016	Graduate School of Bioscience and Biotechnology
International Nuclear Power Human Resource Training (Hitachi-GE) Chair Course	Apr. 1, 2011 - Mar. 31, 2014, Apr. 1, 2014 - Mar. 31, 2016	Graduate School of Science and Engineering

Innovative Research Initiatives

Research Themes	Title	Program Director
Promoting green innovation	Value-Added Remote Sensing	Global Scientific Information and Computing Center / Prof. YAMAGUCHI Masahiro
Promoting green innovation	State-of-the-Art Inorganic Materials	Frontier Research Center / Prof. HARA Michikazu
Promoting life innovation	Measurement and Control of Visual Functions	Interdisciplinary Graduate School of Science and Engineering / Prof. UCHIKAWA Keiji
Realization of a safe, affluent and high-quality life	Structural Integrity Assessment and Smart Material & Structures	Graduate School of Science and Engineering / Prof. TODOROKI Akira
Realization of a safe, affluent and high-quality life	Research Project for Urban Infrastructure Systems	Graduate School of Science and Engineering / Prof. ASAKURA Yasuo
Realization of a safe, affluent and high-quality life	Transport Studies Unit	Interdisciplinary Graduate School of Science and Engineering / Prof. YAI Tetsuo
Enhancement of industrial competitiveness of Japan	Combinatorial Science Research Initiatives	Graduate School of Science and Engineering / Associate Prof. TANAKA Hiroshi
Enhancement of industrial competitiveness of Japan	Research Group for Signal Processing and Network Technologies for Advanced Radio Systems	Graduate School of Science and Engineering / Prof. TAKADA Jun-ichi*
Enrichment and enhancement of common bases for S&T	Promotion of Spintronics Research	Imaging Science and Engineering Laboratory/ Prof. MUNEKATA Hiro
Promotion of other basic research and exploratory research	Versatile Innovative Plasma Science: VIPs	Graduate School of Science and Engineering / Prof. NOZAKI Tomohiro

Note: \*From April 1, 2015.

Collaborative Research Chairs and Divisions

Title	Collaborator	Term	Affiliation	Research Title
Collaborative Research Division for Information Distribution Platform System	NTT Communications Corporation	Apr. 1, 2010 - Mar. 31, 2015	Solutions Research Laboratory	Research on Information Distribution Platform System
Tokyo Gas Collaboration Research Unit	Tokyo Gas Co., Ltd.	Apr. 1, 2010 - Mar. 31, 2015	Solutions Research Laboratory	Smart Energy Network toward a Low-Carbon Society
ENEOS Collaboration Research Unit	JX Nippon Oil & Energy Corporation	Apr. 1, 2010 - Mar. 31, 2015	Solutions Research Laboratory	Low-Carbon Emissions Energy Systems
Mitsubishi Corp. Collaboration Research Unit	Mitsubishi Corporation	Apr. 1, 2010 - Mar. 31, 2015	Solutions Research Laboratory	Renewable Energy Utilization
NTT/NTT FACILITIES Collaboration Research Unit	Nippon Telegraph and Telephone Corporation/ NTT FACILITIES, INC.	Apr. 1, 2010 - Mar. 31, 2015	Solutions Research Laboratory	Smart Energy Network in Next-Generation Communities
Collaborative Research Division for Environmental Monitoring Sensor Control System	Fujitsu Laboratories, Ltd.	Apr. 1, 2012 - Mar. 31, 2015	ICE Cube Center	Collaborative Research on Environmental Monitoring Sensor Control System
SEC-TITECH Future Technology Joint Research Program	Samsung Electronics Co., Ltd.	May 1, 2012 - Mar. 31, 2015	Interdisciplinary Graduate School of Science and Engineering	Research on the Architecture of Information Portals for Future Internet Societies
Collaborative Research Division for Sensing Solutions for Infrastructure	OMRON Social Solutions Co., Ltd./ OMRON Corporation	June 1, 2013 - May 31, 2015	Graduate School of Science and Engineering	Development of Sensoring and Monitoring System for Civil Engineering Structures
Toshiba Collaborative Research Division for Smart City Infrastructure	Toshiba Corporation	July 1, 2013 - June 30, 2016	Solutions Research Laboratory	Research on Integrated Solutions for Smart City Infrastructure
Collaborative Research Division for 3D Ultrahigh-Integrated Exascale Systems	PEZY Computing K.K.	Apr. 1, 2014 - Mar. 31, 2019	ICE Cube Center	Collaborative Research on 3D Ultrahigh-Integrated Exascale Systems
Oricon Energy Microwave Technology Collaborative Research Seminar	Oricon Energy Co., Ltd.	Jul. 14, 2014 - Jul. 13, 2016	School of Engineering, Graduate School of Engineering	Research on High Temperature Microwave Reaction Systems

UNIVERSITY/INDUSTRY RELATIONS

As of May 1, 2014

Organizational Alliances

Industry	Company Name	Date of Agreement	Theme
Manufacturing Companies	Fujitsu Laboratories Ltd.	Jan. 21, 2004	Information Technology
	Mitsubishi Chemical Corporation	Jan. 22, 2004	Chemical Process and New Functional Materials
	Mitsubishi Electric Corporation	Feb. 27, 2004	Future Devices Technology
	Panasonic Corporation	Mar. 11, 2004	Core Technology of Electronics
	Toppan Printing Co., Ltd.	Oct. 13, 2004	Technology of Coating and Nano-Thin Layer
	Canon Inc.	Aug. 02, 2005	Advanced Materials and Imaging Technology
	Semiconductor Technology Academic Research Center	Sept. 01, 2006	Advanced Semiconductor Technology
Non-Manufacturing Companies	Hitachi, Ltd.	Jul. 01, 2011	Next-Generation Technologies for Social Innovation
	Sumitomo Mitsui Banking Corporation	Oct. 01, 2004	Technology Matching
	Nippon Telegraph and Telephone Corporation	Sept. 10, 2008	Research and Development Information and Telecommunications
	Nomura Research Institute, Ltd.	Sept. 22, 2008	Research and Development on Service Innovation
Non-Profit Organization	Nomura Securities Co., Ltd.	Sept. 01, 2013	Commercialization of Research Results and Intellectual Property
	Kanagawa Academy of Science and Technology	Apr. 02, 2007	R&D for Industrial Development and Fostering R&D Human Resources
	Japan Labour Health and Welfare Organization, Tokyo Rosai Hospital	Apr. 01, 2014	Cooperation between the Medical Sciences and Engineering to Contribute to Progress in Medicine, Science, and Industry

FY 2013 Intellectual Property Management

No. of Inventions Reported	No. of Domestic Patent Applications (University + TLO)	No. of Licenses Assigned with Payment (University + TLO)	Amount of Licenses Assigned with Payment (University + TLO) (in million yen)
291	228	107	55.66

UNIVERSITY/INDUSTRY RELATIONS

As of May 1, 2014

Tokyo-Tech-Launched Venture Companies

Approved on:	Company	Summary of Business	Type	Established on
Jan. 09, 2003	Nippon CAD Co., Ltd.	Manufacture, construction and maintenance of mechanical and computer systems for golf driving ranges, such as chain conveyors for ball trolleys and the tee up devices.	3	Apr. 28, 1977
Jan. 09, 2003	OKK, Inc.	Development and sales of original products featuring measurement with an optical technology.	3	Apr. 11, 1981
Jan. 09, 2003	Brain Functions Laboratory, Inc.	Development and sales of "Emotion Spectrum Analyser (ESA)," a system to display emotion quantitatively through EEG-analysis.	2	Feb. 01, 1994
Jan. 09, 2003	Tytemn Corporation	Sales, manufacturing, and R&D on high performance slurries for silicon water final polishing and for CMP in IC processing.	2	Apr. 03, 1996
Jan. 09, 2003	New Technology Management Co., Ltd.	R&D of ECF (Electro-Conjugate Fluid) technology and its industrial applications.	2	Jul. 21, 1995
Jan. 09, 2003	DINO Co., Ltd.	Development and sales of computer software.	3	Aug. 14, 1998
Jan. 09, 2003	Fu's Lab Co., Ltd.	Development & planning of 3-D camera systems, image storage systems, and image processing software for improvement and restoration.	2 3	Jul. 30, 1999
Jan. 09, 2003	EcoMEET Solutions Co., Ltd.	Basic planning and optimum design for industrial waste disposal process and facilities based on the system of waste gasification and power generation as the core technologies.	1 2	Jul. 25, 2000
Jan. 09, 2003	Optical Comb, Inc.	Development, manufacturing and sales of "Optical Frequency Comb Generators," application products and related services.	1	Apr. 01, 2002
Jan. 09, 2003	GenoMembrane, Inc.	Gene cloning, gene expression and functional analysis of drug transporters.	1 2	Apr. 01, 2002
Jan. 09, 2003	Aphoenix, Inc.	Manufacture, construction and maintenance of mechanical and computer systems for golf driving ranges, such as chain conveyors for ball trolleys and the tee up devices.	1	Apr. 10, 2002
Jan. 09, 2003	ai-Phase Co., Ltd.	Manufacture and sales of thermal property measurement systems and thermal analysis systems. High quality services for supplying thermal property measurement and thermal analysis.	1 2	Apr. 16, 2002
May. 12, 2003	Micro Energy, Ltd.	Development, manufacture and sales of gasification power generation systems using industrial waste as fuel.	1	Apr. 09, 2003
Jul. 15, 2003	Connectous Co.	Consulting and training for information systems.	3	Dec. 20, 2001
Jul. 15, 2003	Thin-Film Process Soft, Inc.	Development of thin film manufacturing processes for LC and PDP, and device sales.	2	Jul. 07, 2000
May. 18, 2004	HiBot Corporation	Research, development and sales of robots.	2 3	Apr. 15, 2004
Jun. 15, 2004	Tokyo Geotech Co., Ltd	Development, production and sales of the subsoil-behavior-analysis and simulation software DACSAR. Construction of civil engineering/architecture structures and the analysis of subsoil in natural disasters.	1 2 3	May. 18, 2000
Aug. 09, 2004	TRIONSITE	Support of industry promotion policies taken by local governments with planning and implementation. Surveys, consulting, and the establishment/sales/operation of websites.	2 3	Jul. 02, 2004
Sept. 13, 2004	eCompute Corporation	Provides software consulting and development, specializing in image processing, virtual reality and the Linux system.	1 2	Jan. 15, 2004
Sept. 13, 2004	Tokyo Tech Engineering Solutions, Inc.	Survey, planning, design, safety-check, monitoring, and retrofit of construction products.	2 3	Jul. 22, 2004
Sept. 13, 2004	mimi.inc	Development and sales of application software for cellular phones.	3	May. 18, 2004
Nov. 02, 2004	Luvina Software Company	Software development and operation. Consulting on investments in Vietnam.	3	Aug. 06, 2004
Dec. 13, 2004	Techno Management Solutions, Ltd.	Development and sales of next-generation management systems and consulting service for a process plant life cycle.	2	Oct. 01, 2004
Dec. 13, 2004	HUB Networks, Inc.	Development of software and hardware control systems.	2 3	Apr. 10, 2003
Aug. 29, 2005	Chimeraworks	Software development, sales, and management. R&D in information technology and medical devices.	3	Aug. 04, 2005
Oct. 11, 2005	Interlocus, Inc.	R&D, sales and education on CAD, CAM, CAE and CG systems. Provision of engineering services and/or solutions.	1 2	Sept. 09, 2005
Oct. 11, 2005	Kawazoe Frontier Technology, Co., Ltd.	R&D of materials technology and technology consulting services on hydrogen energy systems.	2	Jan. 06, 2003
Dec. 06, 2005	AMSIS, Inc.	R&D, design, production and sales of semiconductor devices and modules for microwave- and millimeterwavesystems.	2	Oct. 11, 2005
Feb. 27, 2006	Oisix Co., Ltd.	Online food retailing. Working with a network of dairies and alcoholic drink retailers.	3	Jun. 01, 2000
Mar. 14, 2006	Technovarth	Software development, sales, lease, and maintenance/management services.	3	Feb. 08, 2006
Apr. 25, 2006	Kozo Zairyo Building Research Co., Ltd.	R&D and technology consulting services for the building of steel and seismic-resistant structures.	2	Oct. 01, 1986
Feb. 27, 2007	MERSTech, Inc.	Industrialization and commercialization of MERS-technology-based power electronics products and services. (MERS: Magnetic Energy Recovery Switch)	1	Jan. 15, 2007
Apr. 02, 2007	iMott, Inc.	R&D and consultation for segmented-DLC coating technologies, coating services and patent licensing.	1	Feb. 08, 2007
Apr. 02, 2007	PRESYSTEMS, Inc.	Sales and development of our testing tools on software systems.	2 3	Feb. 01, 2007

Approved on:	Company	Summary of Business	Type	Established on
Jul. 23, 2007	PopLiberal, Inc.	Research, development and sales of computer software, primarily web applications.	3	May. 25, 2007
Sept. 10, 2007	PhosMega Co., Ltd.	Development of medical and electronic measurement equipment, robots, and the manufacture and sales of prototype instrumentation and systems.	2	Aug. 10, 2007
Oct. 09, 2007	Visual Technology Laboratory, Inc.	Development and sales of simulation software for lighting design, color application and landscape design, as well as patent consultation.	1 2	Aug. 17, 2007
Nov. 19, 2007	Tech Engine Co., Ltd.	Information quality control and development.	3	May. 01, 2007
Mar. 17, 2008	INFERRET JAPAN K.K.	Development of mobile-oriented applications based on technologies such as automatic speech recognition (ASR) and natural language processing (NLP). Special focus on carrier independent voice- and speech-enabled search applications.	2	Aug. 09, 2007
May. 26, 2008	Inputex Corporation	Haptic/tactile interfaces. Licensing, development and sales of components, development tools and embedded systems for quick and flexible human-machine user interfaces.	1	Mar. 27, 2008
Oct. 06, 2008	Plasma Concept Tokyo, Inc.	Development, consultation and sales of atmospheric plasma sources.	2	Jul. 02, 2008
Nov. 17, 2008	MCX Corporation	Research, development, consultation and sales of energy supply systems and facilities, heat exchangers and related equipment.	2	Mar. 03, 2008
Mar. 06, 2009	EffecTech Institute of Strategy, Inc.	Strategy structuring for technology management, new business development, and investigative research for science and technology policies.	2 3	May. 02, 2008
Mar. 06, 2009	MieruPC, Inc.	Development, manufacture and sales of computers and computer-related products.	2 3	Feb. 19, 2009
Sept. 18, 2009	NuSAC, Inc.	Surveys, research, education, personnel training, recruitment and proposals for solutions related to nuclear energy.	2	Apr. 28, 2009
Jan. 07, 2010	Bi2-Vision Co.	Sales of 3D photographic systems. Sales of 'active stereo vision systems' for robotics researchers at universities and at public and private research institutes.	1	Aug. 28, 2009
Mar. 12, 2010	Meko Edu.	Educational guidance to overseas students, cram school operations, and advisory services for studying in Japan.	3	Apr. 02, 2009
Nov. 09, 2010	Techidea Corporation	R&D and sales of analog and RF CMOS circuit technology. Technology consulting and education.	1	Apr. 23, 2010
Dec. 03, 2010	Building Structure Institute	Research planning, experiment verification and product development for aseismic structures, vibration-controlled structures and isolated structures.	1 2	Sept. 17, 2010
Jul. 06, 2011	Resonic GmbH	Sales and production of the measurement systems for rigid-body property identification and measurement services for rigid-body property identification.	1	Mar. 14, 2011
Oct. 07, 2011	Plasma Factory Co., Ltd.	Development, manufacture and sales of atmospheric pressure plasma treatment systems.	1 2	Jul. 04, 2011
Nov. 28, 2011	Energy Storage Materials LLC	Research, development, consulting, production and sales of materials and devices for energy storage systems. Development and sales of software for materials technology.	1	Aug. 10, 2011
Nov. 28, 2011	MedTech Hert, Inc.	Research and development of medical devices and pharmaceuticals; licensing contracts of medical devices and pharmaceuticals; manufacture, sales and export/import of medical devices and pharmaceuticals; and, management of training and seminars related to clinical uses of medical devices.	1	Aug. 22, 2011
Dec. 19, 2011	X Compass Ltd.	Development of technology to commercialize the learning of the artificial intelligence system SOINN; application development; and, business development.	1	Oct. 17, 2011
Jun. 11, 2012	Zetta Co., Ltd.	Development and sales of nanofiber-manufacturing machinery and nanocoating machinery for electrospray deposition (ESD) as well as research and development of applications using nanofiber and nanocoating technologies (carbon nanofibers, sea water desalination, drug delivery system (DDS) for plants etc.).	1	Nov. 11, 2011
Nov. 19, 2012	SolarFlame Corporation	Consultations for determining evaluation measures (procedures and methods) and the development of a pertinent art for companies aiming to make use of solar power generation, solar fuel production, and solar condensation, etc.	1	Aug. 01, 2012
Dec. 13, 2012	Hasegawa Research Laboratory	Technology consulting about a robot's intellectual control which utilizes the original imaging technology, "ICGM."	1	Nov. 01, 2012
May. 10, 2013	j-Scheme Limited Liability Company	Development of fluid analysis systems / Development of cloud graphics / Cloud application services / Scientific visualization / GPU computing / Consulting	1	Feb. 14, 2013
Jul. 23, 2013	forEst Co., Ltd.	Planning & development of e-learning services for students taking entrance exams / Analyze learning logs of users to recommend problems requiring work or review	2	May. 10, 2012
Jul. 23, 2013	Kachi-Labo Co., Ltd.	Operation of the le-Labo website, a participation-type assessment system for real estate (Established for the purpose of improving left-right asymmetric properties among interested parties in real estate transactions utilizing ICT) / Real estate investment business (Assesses, selects, and invests in appropriate properties for investment in the above-mentioned real estate business.)	1 2	Dec. 13, 2012

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

International Collaboration

List of Overseas Partner Universities

Academic Cooperation Agreements (University-Wide Agreements) (103 universities)

[Explanatory Notes] F: Interactions among faculties and researchers, S: Interactions among students, I: Academic information exchange

Country and Area	University / Institute	Concluded	Area of Exchange
Asia			
China	Harbin Institute of Technology	1980	F・S・I
	Tsinghua University	1985	F・S・I
	Shanghai Jiao Tong University	1991	F・S・I
	Peking University	1991	F・S・I
	Xi'an Jiaotong University	1991	F・S・I
	Zhejiang University	1993	F・S・I
	Beijing Institute of Technology	1993	F・S・I
	University of Science and Technology of China	1997	F・S・I
	Dalian University of Technology	2006	F・S・I
	Tongji University	2007	F・S・I
	Tianjin University	2007	F・S・I
	The Hong Kong University of Science and Technology	2010	F・S・I
	Southeast University	2013	F・S・I
Indonesia	Bandung Institute of Technology	1988	F・S・I
	Universitas Indonesia	1992	F・S・I
	Universitas Gadjah Mada	2000	F・S・I
Korea	Korea Advanced Institute of Science and Technology (KAIST)	1986	F・S・I
	Korea Institute of Science and Technology (KIST)	1991	F・I
	Korea University	1992	F・S・I
	Kyungpook National University	1993	F・S・I
	Hanyang University	1996	F・S・I
	Yonsei University	2002	F・S・I
	Pohang University of Science and Technology	2003	F・S・I
	Seoul National University	2007	F・S・I
	Sungkyunkwan University	2008	F・S・I
Mongolia	Mongolian University of Science and Technology	2003	F・S・I
	National University of Mongolia	2007	F・S・I
Philippines	De La Salle University	1992	F・S・I
	University of the Philippines	1992	F・S・I
Singapore	National University of Singapore	1991	F・S・I
	Nanyang Technological University	2009	F・S・I
Taiwan	National Cheng Kung University	1997	F・S・I
	National Tsing Hua University	1998	F・S・I
	National Taiwan University	1999	F・S・I
	National Chiao Tung University	2004	F・S・I
	National Central University	2007	F・S・I
Thailand	Chulalongkorn University	1985	F・S・I
	King Mongkut's Institute of Technology Ladkrabang	1992	F・S・I
	Thammasat University	1996	F・S・I
	Kasetsart University	1996	F・S・I
	National Science and Technology Development Agency (NSTDA)	2001	F・S・I
	King Mongkut's University of Technology North Bangkok	2005	F・S・I
	Asian Institute of Technology	2005	F・S・I
	TAIST - Tokyo Tech	2006	F・S・I
	King Mongkut's University of Technology Thonburi	2007	F・S・I
Vietnam	Hanoi University of Science and Technology	1995	F・S・I
	Vietnam National University, Hanoi, University of Science	1995	F・S・I
	Ho Chi Minh City University of Technology	2012	F・S・I
Oceania			
Australia	The University of Melbourne	1994	F・S・I
Europe			
Belgium	Ghent University	1992	F・S・I
	Université libre de Bruxelles (ULB)	1994	F・S・I

Country and Area	University / Institute	Concluded	Area of Exchange
Europe			
Denmark	Technical University of Denmark	1992	F・S・I
	University of Copenhagen	2007	F・S・I
Finland	Aalto University	1995	F・S・I
	Lappeenranta University of Technology	1999	F・S・I
	École Nationale des Ponts et Chaussées (École des Ponts ParisTech)	1992	F・S・I
	École Nationale Supérieure d'Arts et Métiers (Arts et Métiers ParisTech)	2002	F・S・I
France	University of Rennes 1	2002	F・S・I
	Université de Strasbourg	2004	F・S・I
	École Polytechnique	2006	S
	ParisTech	2007	F・S・I
	École Nationale Supérieure des Mines de Paris (Mines ParisTech)	2007	F・S・I
Germany	Technische Universität München	1982	F・S・I
	Universität Stuttgart	1992	F・S・I
	Leibniz Universität Hannover	2004	F・S・I
	RWTH Aachen University	2007	F・S・I
	Berlin Institute of Technology	2008	F・S・I
Italy	University of Bologna	1997	F・S・I
	The University of Rome "La Sapienza"	1998	F・S・I
	Politecnico di Milano	2002	F・S・I
Netherlands	Delft University of Technology	2009	F・S・I
Norway	Norwegian University of Science & Technology	1993	F・S・I
Russia	National Research Nuclear University	1993	F・S・I
Sweden	Royal Institute of Technology (KTH)	1991	F・S・I
	Chalmers University of Technology	1992	F・S・I
	Linköping University	2008	F・S・I
Switzerland	Swiss Federal Institute of Technology, Zurich (ETH)	1978	F・S・I
	University of Zurich	2007	F・S・I
	École Polytechnique Federale de Lausanne (EPFL)	2011	F・S・I
U.K.	University of Strathclyde	1993	F・S・I
	Churchill College, University of Cambridge	2001	F・I
	University of Durham	2010	F・S・I
Middle East			
Iran	Sharif University of Technology	2000	F・S・I
Turkey	Middle East Technical University	1992	F・S・I
	Boğaziçi University	1998	F・S・I
	Istanbul Technical University	2012	F・S・I
America			
Canada	University of Waterloo	2006	F・S・I
	The University of British Columbia	2013	F・S・I
U.S.A.	University of Washington	1974	F・S・I
	University of Wisconsin-Madison	1992	S
	Georgia Institute of Technology	2001	F・S・I
	The University of California, Berkeley	2012	F・S・I
	University of Minnesota	2013	F・S・I
	University of California, Santa Barbara	2014	F・S・I
Brazil	Universidade de São Paulo	1991	F・S・I
Consortiums			
ERASMUS MUNDUS EASD		2013	F・S・I

Notes: \* French "grandes écoles" (advanced higher education institutions)  
\*\* Institution created by the grandes écoles of science and technology in Paris. (12 institutions)

Academic Cooperation Agreements (School-to-School Agreements) (146 institutions)

[Explanatory Notes] F: Interactions among faculties and researchers, S: Interactions among students, I: Academic information exchange

Country and Area	University / Institute	Counterpart	Concluded	Area of Exchange
Asia				
China	University of Science and Technology, Beijing	School of Engineering / Interdisciplinary Graduate School of Science and Engineering	1980	F・I
	Tsinghua University (Institute of Science, Technology and Society)	Graduate School of Decision Science and Technology (Industrial Engineering and Management)	2001	F・S・I
	Dalian University of Technology (School of Materials Science and Engineering)	Graduate School of Science and Engineering (Metallurgy and Ceramics Science)	2008	F・S・I
	Northeast Normal University (School of Physics, School of Environment, and School of Computer Science and Information Technology)	Interdisciplinary Graduate School of Science and Engineering	2008	F・S・I
	Nanjing University of Science and Technology (School of Mechanical Engineering)	Interdisciplinary Graduate School of Science and Engineering	2009	F・S・I
	Chinese Academy of Sciences (The Key of Solar Thermal Energy and Photovoltaic System, Institute of Electrical Engineering)	Solutions Research Organization, Integrated Research Institute	2009	F・S・I
	Southeast University (State Key Laboratory of Bioelectronics)	Chemical Resources Laboratory	2010	F・S・I
	Beijing University of Chemical Technology (College of Materials Science and Engineering)	Chemical Resources Laboratory	2010	F・S・I
	Southeast University (School of Biological Science and Medical Engineering)	Interdisciplinary Graduate School of Science and Engineering	2010	F・S・I
	Beijing University of Chemical Technology (College of Materials Science and Engineering)	Interdisciplinary Graduate School of Science and Engineering	2010	F・S・I
	University of Electronic Science and Technology of China (School of Microelectronics and Solid Electronics)	Chemical Resources Laboratory	2011	F・S・I
	Beijing Normal University (College of Water Sciences)	Interdisciplinary Graduate School of Science and Engineering (Environmental Science and Technology)	2011	F・S・I
	Shanghai Jiao Tong University (School of Life Sciences and Biotechnology)	Graduate School of Bioscience and Biotechnology	2011	S
	Research Institute of Southeast University in Suzhou	Chemical Resources Laboratory	2011	F・S・I
	Graduate School, Nanjing University	Interdisciplinary Graduate School of Science and Engineering	2012	F・S・I
	Chinese Academy of Sciences (Shanghai Institute of Ceramics)	Materials and Structures Laboratory	2012	F・S・I
	Graduate School of Dalian University of Technology	Interdisciplinary Graduate School of Science and Engineering	2014	S
India	VIT University (School of Information Technology and Engineering (SITE))	Graduate School of Information Science and Engineering	2010	F・S・I
	Indian Institute of Technology Madras (Department of Biotechnology)	Global Scientific Information and Computing Center	2011	F・S・I
Indonesia	Indonesian National Atomic Energy Agency	Research Laboratory for Nuclear Reactors	1997	F・I
	Institut Teknologi Bandung (The Faculty of Mining and Petroleum Engineering)	Interdisciplinary Graduate School of Science and Engineering	2011	S
	Universitas Indonesia (Faculty of Computer Science )	Imaging Science and Engineering Laboratories	2011	F・S・I
Korea	Inha University (Department of Chemical Engineering)	Graduate School of Science and Engineering (Chemical Engineering)	2000	F・S・I
	Korea University (Department of Materials Science and Engineering)	Graduate School of Science and Engineering (Metallurgy and Ceramics Science)	2005	F・S・I
	Korea Institute of Machinery & Materials	Precision and Intelligence Laboratory	2008	F・I
	Chungnam National University (Department of Architectural Engineering, College of Engineering)	Interdisciplinary Graduate School of Science and Engineering (Environmental Science and Technology)	2012	F・S・I
	Korea Institute of Industrial Technology (Technical Textile Technology Center, Gyeonggi Regional Division)	Graduate School of Science and Engineering (Organic and Polymeric Materials)	2012	F・S・I
	Seoul National University (Department of Nuclear Engineering, Center for Advance Research in Fusion Reactor Engineering)	Research Laboratory for Nuclear Reactors	2012	F・S・I
	Cheorwon Plasma Research Institute	Versatile Innovative Plasma Science, Innovative Research Initiatives	2013	F・S・I
Laos	Government of Luang Prabang, Lao PDR (Department of Heritage Luang Prabang)	Graduate School of Science and Engineering (International Development Engineering) and Global Scientific Information and Computing Center	2006	F・I
Malaysia	Universiti Tenaga Nasional (Department of Electrical Power Engineering, Department of Electronics and Communication Engineering)	Graduate School of Science and Engineering (Electrical and Electronic Engineering, Physical Electronics)	2012	F・S・I
Mongolia	National University of Mongolia (Nuclear Research Center)	Center for Research into Innovative Nuclear Energy Systems	2011	F・S・I
Nepal	Tribhuvan University (Institute of Engineering)	Interdisciplinary Graduate School of Science and Engineering	2012	F・S・I
Philippines	University of the Philippines (Dept. of Civil Engineering, TTC, NHRC, SURP)	School of Engineering (Civil and Environmental Engineering)	1993	F・S・I
	De La Salle University (Dept. of Chemical Engineering)	Graduate School of Science and Engineering (Chemical Engineering)	2005	F・S・I
	The Technological University of the Philippines (The College of Engineering)	Graduate School of Science and Engineering (International Development Engineering)	2010	F・S・I
	MSU-Iligan Institute of Technology (College of Engineering)	Interdisciplinary Graduate School of Science and Engineering	2013	F・S・I
Taiwan	National Taiwan University (College of Engineering and College of Electrical Engineering and Computer Science)	School of Engineering	2011	S
Thailand	Thammasat University (Chemical Engineering Dept., Faculty of Engineering)	Graduate School of Science and Engineering (Chemical Engineering )	2006	F・S・I
	Chulalongkorn University (Faculty of Engineering)	Global Scientific Information and Computing Center	2007	F・I
	Chiang Mai University (Faculty of Engineering)	Graduate School of Engineering	2010	F・S・I
	Chiang Mai University (Faculty of Engineering)	Global Scientific Information and Computing Center	2010	F・I

List of Overseas Partner Universities

As of May 1, 2014

Academic Cooperation Agreements (School-to-School Agreements) (146 institutions)

Country and Area	University / Institute	Counterpart	Concluded	Area of Exchange
Asia				
Thailand	Chulalongkorn University (Department of Nuclear Technology, Faculty of Engineering)	Research Laboratory for Nuclear Reactors	2010	F・I
	Mahidol University (Faculty of Science, Faculty of Graduate Studies)	Graduate School of Bioscience and Biotechnology	2010	F・S・I
	The United Nations Educational, Scientific and Cultural Organization, Asia and Pacific Regional Bureau for Education (UNESCO Bangkok)	Global Scientific Information and Computing Center, Graduate School of Engineering (International Development Engineering)	2011	F・S・I
	Chiang Mai University (Faculty of Engineering)	Interdisciplinary Graduate School of Science and Engineering	2012	F・S・I
	Thailand Institute of Nuclear Technology	Research Laboratory for Nuclear Reactors	2011	F・I
	Thailand Institute of Scientific and Technological Research	Interdisciplinary Graduate School of Science and Engineering	2013	F・S・I
Vietnam	Vietnam Atomic Energy Commission	Research Laboratory for Nuclear Reactors	1999	F・I
	Vietnam National University, Hanoi, University of Science (VNU-HUS), Department of Physics	Research Laboratory for Nuclear Reactors	2003	F・S・I
	Hanoi University of Science and Technology, Hitachi-GE Nuclear Energy, Ltd.	Research Laboratory for Nuclear Reactors	2011	F・S・I
	Electric Power University	Research Laboratory for Nuclear Reactors	2011	F・I
	Le Quy Don Technical University (Faculty of Information Technology)	Center for Agent-Based Social Systems Sciences	2011	F・S・I
Oceania				
Australia	Royal Melbourne Institute of Technology (School of Architecture and Design, Faculty of Infrastructure and Environment)	School of Engineering (Architecture and Building Engineering)	1999	F・S・I
	Curtin University (Department of Civil Engineering)	Global Scientific Information and Computing Center	2012	F・S・I
Europe				
Austria	Vienna University of Technology (Faculty of Architecture and Planning)	Graduate School of Science and Engineering	2009	F・S・I
Finland	University of Jyväskylä (Faculty of Information Technology and Agora Center)	Graduate School of Decision Science and Technology	2009	F・S・I
	University of Tampere (School of Information Science)	Graduate School of Decision Science and Technology	2012	F・S・I
France	École d'Architecture de Paris la Villette	School of Engineering	2000	S
	CEMHTI, Centre National de la Recherche Scientifique	Research Laboratory for Nuclear Reactors	2008	F・S・I
	Ecole Nationale des Ponts et Chaussees	Graduate School of Science and Engineering, Decision Science and Technology, Interdisciplinary Graduate School of Science and Engineering	2010	F・S・I
	Telecom Paris Tech	Graduate School of Decision Science and Technology	2012	F・S・I
	Université Pierre et Marie Curie	Graduate School of Science and Engineering	2012	S
	Université d'Aix-Marseille (Physique des Interactions Ioniques et Moléculaires (PIIM))	Chemical Resources Laboratory	2012	F・S・I
	Université Paris-Sud 11 (The Light-Matter Federation (LUMAT))	Chemical Resources Laboratory	2012	F・S・I
	Ecole Centrale Paris (Laboratoire Structures, Propriétés, Modélisation des Solids)	Materials and Structures Laboratory	2012	F・S・I
	Grenoble Institute of Technology	Interdisciplinary Graduate School of Science and Engineering (Electronics and Applied Physics)	2012	F・S・I
	Paul-Drude-Institut für Festkörperelektronik	Quantum Nanoelectronics Research Center	1994	F・I
Germany	Forschungszentrum Karlsruhe GmbH	Research Laboratory for Nuclear Reactors	1998	F・I
	Ludwig-Maximilians-Universität München (Humanwissenschaftliches Zentrum)	Interdisciplinary Graduate School of Science and Engineering	2001	F・S・I
	German Cancer Research Center	Graduate School of Bioscience and Biotechnology	2008	F・S・I
	Fraunhofer Ernst-Mach-Institut	Materials and Structures Laboratory	2008	F・S・I
	Max Planck Institute (Center for Adaptive Behavior and Cognition)	Graduate School of Decision Science and Technology	2009	F・S・I
	Heidelberg University (Institute of Pharmacy and Molecular Biotechnology (IPMB))	Graduate School of Bioscience and Biotechnology	2009	F・S・I
	Heidelberg University (Biochemistry Center)	Graduate School of Bioscience and Biotechnology	2009	F・S・I
	Hamburg University of Technology (Faculty of Management Science and Technology)	Graduate School of Decision Science and Technology	2010	F・S・I
	University of Erlangen-Nuremberg (School of Engineering)	Global Scientific Information and Computing Center	2010	F・S・I
	Rheinisch-Westfälische Technische Hochschule Aachen (Faculty of Mathematics, Computer Science and Natural Sciences/Civil Engineering/ Mechanical Engineering/ Georesources and Materials Engineering/ Electrical Engineering and Information Technology)	Graduate School of Science and Engineering	2012	S
	Hamburg University of Technology (Faculty of Management Science and Technology)	Graduate School of Innovation Management	2012	F・S・I
	RWTH Aachen University	Global Scientific Information and Computing Center	2014	F・I

[Explanatory Notes] F: Interactions among faculties and researchers, S: Interactions among students, I: Academic information exchange

Country and Area	University / Institute	Counterpart	Concluded	Area of Exchange
Europe				
Italy	Istituto dei Materiali per l'Elettronica ed il Magnetismo, Consiglio Nazionale delle Ricerche	Graduate School of Science and Engineering	2007	F・S・I
	University of Trento (The Faculty of Cognitive Science)	Graduate School of Decision Science and Technology	2010	F・S・I
	University of Pisa (Faculty of Engineering)	Graduate School of Engineering	2010	F・S・I
	Institute for Computing Applications-National Research Council (CNR)	Global Scientific Information and Computing Center	2011	F・I
	University of Perugia (Faculty of Engineering)	Interdisciplinary Graduate School of Science and Engineering	2012	F・S・I
	University of Messina (Department of Electron Engineering, Chemistry and Industrial Engineering)	Research Laboratory for Nuclear Reactors	2013	F・S・I
Lithuania	Kaunas University of Technology	Research Laboratory for Nuclear Reactors	2013	F・I
Kazakhstan	Al-Farabi Kazakh National University (Chemistry Faculty)	Graduate School of Science and Engineering (Chemical Engineering)	2006	F・S・I
	Kazakh-British Technical University (Faculty of Energy and Oil and Gas Industry)	Graduate School of Science and Engineering (Chemical Engineering)	2006	F・S・I
Netherlands	Leiden University (Science Faculty)	Graduate School of Science and Engineering	2012	F・S・I
	Eindhoven University of Technology (Department of Mechanical Engineering)	Department of Chemistry and Materials Science, Graduate School of Science and Engineering	2013	F・S・I
Poland	Institute of Electron Technology	Department of Electronics and Applied Physics, Interdisciplinary Graduate School of Science and Engineering	2014	F・S・I
Romania	Babes-Bolyai University of Cluj-Napoca (Faculty of Physics)	Research Laboratory for Nuclear Reactors	2008	F・S・I
Russia	Borekov Institute of Catalysis (BIC)	Research Laboratory for Nuclear Reactors	2008	F・S・I
	Russian Academy of Sciences (Central Economics and Mathematics Institute)	Center for Agent-Based Social Systems Sciences	2008	F・S・I
Serbia	University of Belgrade (Vinca Institute of Nuclear Sciences)	Research Laboratory for Nuclear Reactors	2011	F・S・I
	University of Belgrade (Faculty of Mechanical Engineering)	Interdisciplinary Graduate School of Science and Engineering	2012	F・S・I
Slovenia	University of Ljubljana (Faculty of Arts)	International Student Center	2007	F・S・I
Spain	University of Seville (Department of Condensed Matter Physics)	Materials and Structures Laboratory	2010	F・S・I
	Technical University of Madrid	Graduate School of Engineering	2010	F・S・I
	University of Granada	Graduate School of Science and Engineering	2012	F・S・I
	Technical University of Madrid	Graduate School of Science and Engineering	2012	S
Sweden	Gotland University (School for Game Design, Technology and Learning Processes)	Center for the Study of World Civilizations	2012	F・S・I
	Luleå University of Technology (Faculty of Engineering)	Interdisciplinary Graduate School of Science and Engineering	2012	F・S・I
Switzerland	University of Geneva (Faculty of Science)	School of Science, School of Engineering, Interdisciplinary Graduate School of Science and Engineering	2002	F・S・I
	École Polytechnique Fédérale de Lausanne (EPFL) (Institute of Bioengineering)	Graduate School of Bioscience and Biotechnology	2009	F・S・I
	École Polytechnique Fédérale de Lausanne (EPFL) (Institute of the Physics of Biological Systems (IPSB))	Graduate School of Bioscience and Biotechnology	2009	F・S・I
U.K.	University of Cambridge (Department of Engineering)	Graduate School of Engineering	2005	S
	Imperial College of Science, Technology and Medicine (Faculty of Engineering)	Graduate School of Science and Engineering	2005	S
	University of Oxford (Department of Engineering Science)	Graduate School of Science and Engineering	2006	S
	University of Hull (Business School)	Center for Agent-Based Social Systems Sciences	2006	F・S・I
	University of Warwick (School of Engineering)	Graduate School of Science and Engineering	2007	S
	University of Oxford (Department of Chemistry)	Graduate School of Science and Engineering	2008	S
	University of Cambridge (Department of Chemistry)	Graduate School of Science and Engineering	2008	S
	University of Oxford (Department of Materials)	Graduate School of Science and Engineering	2008	S
	The University of Bristol (Earthquake Engineering Research Centre)	Center for Urban Earthquake Engineering	2009	F・S・I
	University of Manchester (Photon Science Institute/School of Chemistry)	Chemical Resources Laboratory	2011	F・S・I
	University of York (Department of Chemistry)	Chemical Resources Laboratory	2011	F・S・I
	Imperial College of Science, Technology and Medicine (Department of Chemistry)	Graduate School of Bioscience and Biotechnology	2011	F・S・I
	University of Southampton	Graduate School of Engineering	2011	F・S・I
	National Physical Laboratory (Materials Division)	Graduate School of Science and Engineering	2013	F・S・I
Consortium	European Nuclear Education Network Association	Graduate School of Engineering (Nuclear Engineering), Research Laboratory for Nuclear Reactors	2009	F・S・I
	Joint Research Center (JRC), European Commission / Rosatom, Russia	Center for Research into Innovative Nuclear Energy Systems	2010	F・I

# International Collaboration

## List of Overseas Partner Universities

### Academic Cooperation Agreements (School-to-School Agreements) (146 institutions)

[Explanatory Notes] F: Interactions among faculties and researchers, S: Interactions among students, I: Academic information exchange

Country and Area	University / Institute	Counterpart	Concluded	Area of Exchange
Middle East				
Bahrain	Royal College of Surgeons in Ireland Medical University of Bahrain	Organization for Life Design and Engineering	2013	F・S・I
Turkey	Yildiz Technical University (Electrical-Electronics Engineering Faculty/Mechanical Engineering Faculty/Civil Engineering Faculty/Chemical and Metallurgical Engineering Faculty/Naval Architecture and Maritime Faculty/Graduate School of Natural and Applied Sciences)	Graduate School of Engineering	2011	F・S・I
America				
U.S.A.	University of Washington (Department of Architecture, School of Architecture & Urban Planning)	School of Engineering (Architecture and Building Engineering)	1978	F・S・I
	Massachusetts Institute of Technology (Department of Mechanical Engineering)	School of Engineering (Control and Systems Engineering)	1991	F・S・I
	Stanford University (Mechanical Engineering departments)	Graduate School of Science and Engineering (Mechanical Engineering departments)	1999	F・S・I
	University of Minnesota (College of Science and Engineering)	Graduate School of Science and Engineering	2005	S
	Massachusetts Institute of Technology (Center for Advanced Nuclear Energy Systems)	Center for Research into Innovative Nuclear Energy Systems	2006	F・S・I
	Rice University (Department of Electrical and Computer Engineering)	Imaging Science and Engineering Laboratories	2006	F・S・I
	Rice University (Department of Electrical and Computer Engineering)	Interdisciplinary Graduate School of Science and Engineering (Electronics and Applied Physics)	2008	F・S・I
	Rice University (Richard E. Smalley Institute for Nanoscale Science & Technology)	Graduate School of Science and Engineering (Condensed Matter Physics)	2008	F・S・I
	The College of Engineering of the University of California, Berkeley (Pacific Earthquake Engineering Research Center)	Center for Urban Earthquake Engineering	2008	F・S・I
	Pennsylvania State University (Department of Materials Science and Engineering)	Graduate School of Science and Engineering (Ceramics Science Division in the Department of Metallurgy and Ceramic Science)	2009	F・S・I
	University of Wisconsin-Madison (College of Engineering)	Graduate School of Science and Engineering	2010	S
	University of Hawaii at Manoa (Mechanical Engineering)	Graduate School of Science and Engineering (Mechanical and Control Engineering)	2011	F・S・I
	The University of Nevada, Reno (Center for Civil Engineering Earthquake Research)	Center for Urban Earthquake Engineering	2011	F・S・I
	University of Hawaii at Manoa (College of Languages, Linguistics, and Literature)	Graduate School of Decision Science and Technology	2012	F・S・I
	Northwestern University (Department of Civil and Environmental Engineering)	Graduate School of Science and Engineering (Civil Engineering)	2012	F・S・I
Peru	Massachusetts General Hospital (MGH Pathology Imaging and Communication Technology (PICT) Center)	Global Scientific Information and Computing Center	2013	F・I
	University of California, Santa Barbara (College of Engineering)	Graduate School of Science and Engineering	2014	S
	Faculty of Physical Sciences, San Marcos National University	Materials and Structures Laboratory	2014	F・S・I
Africa				
Egypt	Assiut University	Research Laboratory for Nuclear Reactors	2010	F・S・I
	Egypt-Japan University of Science and Technology (E-JUST)	Graduate School of Engineering. Graduate School of Decision Science and Technology	2012	F・S・I
Consortium				
Asia-Oceania Top University League on Engineering (AOTULE)			2007	F・S・I

## Overseas Offices

As of May 1, 2014

### Overseas Offices

Name	Location / Area	Establishment
Tokyo Tech Thailand Office	Pathumthani, Thailand	2002
Tokyo Tech Philippines Office	Manila, Philippines	2005
Tokyo Tech China Office	Beijing, China	2006
Tokyo Tech Egypt E-JUST Office	New Borg El Arab, Egypt	2014

# Financial Data

## Budget FY2014

### Revenue

Category	Amount (million yen)	%	Category	Amount (million yen)	%
Entire University	27,396	56.9	Operating Grants (Entire University)	19,263	40.0
			University Revenue (Tuition, Fees, etc.)	6,563	13.6
			Indirect Expenses (Entire University)	1,570	3.3
Schools	1,173	2.4	Indirect Expenses (Schools)	1,173	2.4
Specified Contributions	19,571	40.7	Commissioned Projects	14,722	30.6
			Subsidy for Facilities Maintenance	2,327	4.8
			Operating Grants (Specified Contributions)	2,522	5.3
Total				48,140	100.0

\*Unit: million yen

Commissioned Projects

○Donations for Research

○Grants for Commissioned Research & Projects

○Grants for Collaborative Research

○Grants for Research

801

5,109

1,237

7,575

\*Unit: million yen

○Subsidies for Specific Expenses

566

\*Unit: million yen

Commissioned Projects	
○Donations for Research	801
○Grants for Commissioned Research & Projects	5,109
○Grants for Collaborative Research	1,237
○Grants for Research	7,575

\*Unit: million yen

○Subsidies for Specific Expenses	566
○Subsidies for Specific Reasons (Retirement Allowance, etc.)	1,950
○Special Account for Reconstruction from the Great East Japan Earthquake (Tuition fee waiver)	6

### Expenditure

Category	Amount (million yen)	%	Category	Amount (million yen)	%
Entire University	27,396	56.9	Personnel	15,944	33.1
			Fundamental Education and Research for Schools	3,644	7.6
			Discretionary Expenses by the President	822	1.7
			Execution of Priority Measures	2,117	4.4
			Utility	1,859	3.9
			Ordinary Education and Research	1,504	3.1
			Ordinary University Management	1,506	3.1
Schools	1,173	2.4	Indirect Expenses (Schools)	1,173	2.4
Specified Contributions	19,571	40.7	Commissioned Projects	14,722	30.6
			Facilities Maintenance	2,327	4.8
			Operating Grants (Specified Contributions)	2,522	5.3
Total			48,140	100.0	

\*Unit: million yen

Commissioned Projects, etc.

- Research Donations801
- Commissioned Research & Projects5,109
- Collaborative Research Expenses1,237
- Grants for Research7,575

○Subsidies for Specific Expenses566

\*Unit: million yen

Commissioned Projects, etc.	
○Research Donations	801
○Commissioned Research & Projects	5,109
○Collaborative Research Expenses	1,237
○Grants for Research	7,575

\*Unit: million yen

○Subsidies for Specific Expenses	566
○Subsidies for Specific Reasons (Retirement Allowance, etc.)	1,950
○Special Account for Reconstruction from the Great East Japan Earthquake (Tuition fee waiver)	6

## Financial Data

### Financial Summary FY2013

#### Balance Sheet

As of March 31, 2014

Assets	Amount (Unit: million yen)	Liabilities	Amount (Unit: million yen)
Fixed Assets	225,662	Fixed Liabilities	27,859
Tangible Fixed Assets	219,843	Assets Offsetting Liabilities	26,687
Land	139,274	Other Noncurrent Liabilities	1,171
Accumulated Impairment Loss	△ 74	Current Liabilities	20,879
Buildings	87,791	Operating Grants Liabilities	1,121
Accumulated Depreciation	△ 31,609	Grants, etc. Received	226
Structures	5,449	Donations Received	8,841
Accumulated Depreciation	△ 2,619	Commissioned Research Funds Received	1,949
Equipment	51,552	Accounts Payable	6,529
Accumulated Depreciation	△ 39,051	Other Current Liabilities	2,211
Construction in Progress	1,216	Total Liabilities	48,739
Other Tangible Fixed Assets	7,913	Net Assets	Amount (Unit: million yen)
Intangible Fixed Assets	580	Capital Stock	179,444
Investments and Other Assets	5,238	Government Investment	179,444
Investments in Securities	3,608	Capital Surplus	10,526
Investments and Other Assets	1,629	Capital Surplus	44,366
Current Assets	13,743	Accumulated Depreciation Not Included in Profit and Loss Statement (-)	△ 33,840
Cash and Cash Equivalents	10,526	Earned Surplus	668
Other	3,216	Surplus Carried Forward from the Previous Period for the Mid-Term Target Reserve for Specific Purpose	292
Total Assets	239,406	Reserve	13
		Unappropriated Retained Earnings	96
		Valuation Difference on Available-For-Sale Securities	26
		Total Net Assets	190,666
		Total Liabilities and Net Assets	239,406

\*Fractional amounts less than one million yen are omitted.

#### Income Statement

April 1, 2013 - March 31, 2014

Account	Amount (Unit: million yen)
Ordinary Expenses (A)	44,478
Operating Expenses	42,216
Expenses for Education	4,032
Expenses for Research	9,154
Expenses for Education and Research Support	3,275
Expenses for Commissioned Research	5,929
Expenses for Commissioned Projects	277
Executive Salaries & Remuneration	100
Faculty Salaries & Remuneration	12,659
Administrative Staff Salaries & Remuneration	6,787
General and Administrative Expenses	2,146
Financial Expenses	46
Miscellaneous Losses	68
Ordinary Revenues (B)	44,271
Operational Grants	19,089
Tuition and Fees	5,041
Grants for Commissioned Research	7,097
Grants for Commissioned Projects	295
Donations	1,196
Grants	4,700
Subsidy for Facilities	330
Other	6,519
Extraordinary Profit and Loss (C)	303
Reversal of Reserve for Specific Purposes (D)	—
Gross Profit (B-A+C+D)	96

\*Fractional amounts less than one million yen are omitted.

#### FY 2013 External Funds

Name	Number of Projects	Research Fund (in thousand yen)
Donations for Research	559	817,334
Grants for Commissioned Research	357	5,840,101 (1,015,169)
Grants for Collaborative Research	440	1,569,305 (299,836)
Grants-in-Aid for Scientific Research	1,060	4,986,250 (1,104,030)
Sum Total	2,416	13,212,990 (2,419,035)

Note: Figures given in parentheses represent overhead costs included in the Research Fund.

#### Grants-in-Aid for Scientific Research FY2013

Area of Research	Number of Projects	Research Fund (in thousand yen)
Grant-in-Aid for Specially Promoted Research	4	426,660 (98,460)
Grant-in-Aid for Scientific Research on Priority Areas	0	
Grant-in-Aid for Scientific Research on Innovative Areas (research in a proposed research area)	94	1,258,660 (290,460)
Grant-in-Aid for Scientific Research (S)	14	481,510 (110,700)
Grant-in-Aid for Scientific Research (A)	60	731,770 (168,870)
Grant-in-Aid for Scientific Research (B)	142	783,030 (180,420)
Grant-in-Aid for Scientific Research (C)	196	312,000 (72,000)
Grant-in-Aid for Challenging Exploratory Research	133	228,410 (52,710)
Grant-in-Aid for Young Scientists (S)	1	17,420 (4,020)
Grant-in-Aid for Young Scientists (A)	41	287,300 (66,300)
Grant-in-Aid for Young Scientists (B)	136	220,740 (50,940)
Grant-in-Aid for Research Activity Start-up	29	39,650 (9,150)
Grant-in-Aid for Creative Scientific Research	0	
Grant-in-Aid for JSPS Fellows	210	199,100 (0)
Sum Total	1,060	4,986,250 (1,104,030)

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

## Campuses

### Access

#### Access

##### Ookayama Campus

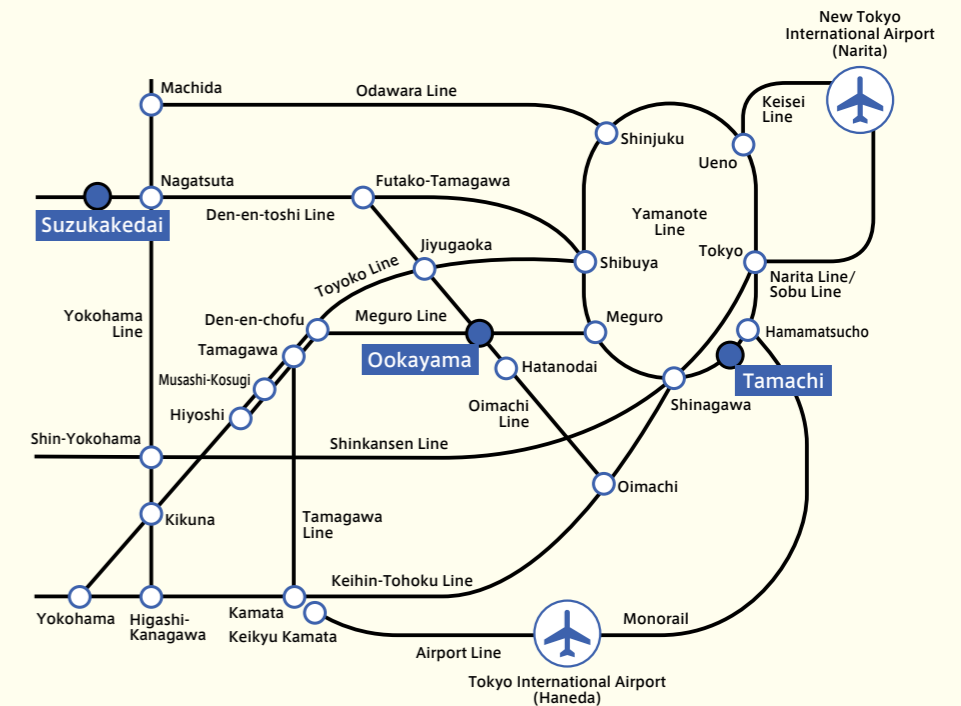
- Approx. 1-minute walk from Ookayama Station on the Tokyu Oimachi & Tokyu Meguro Lines
- Approx. 45 minutes from Haneda Airport
- Approx. 30 minutes from Tokyo Station

##### Suzukakedai Campus

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

##### Tamachi Campus

- Approx. 1-minute walk from Tamachi Station on the JR Yamanote & Keihin-Tohoku Lines
- Approx. 25 minutes from Haneda Airport
- Approx. 10 minutes from Tokyo Station



### Tokyo Tech Facilities

Location/Area	Facilities	Address	Transportation	Remarks
Ookayama	Ookayama Campus Graduate School of Science and Engineering, Graduate School of Information Science and Engineering, Graduate School of Decision Science and Technology, Graduate School of Innovation Management, Research Laboratory for Nuclear Reactors, School of Science, School of Engineering, Administration Bureau	2-12-1 Ookayama, Meguro-ku, Tokyo 152-8550	Tokyu Oimachi & Tokyu Meguro Lines Approx. 1-minute walk from Ookayama Station	
	Tokyo Institute of Technology International House	1-1-18 Ishikawa-cho, Ota-ku, Tokyo 145-0061	Tokyu Oimachi & Tokyu Meguro Lines Approx. 10-minute walk from Ookayama Station Tokyu Ikegami Line Approx. 7-minute walk from Ishikawadai Station	
Suzukakedai	Suzukakedai Campus Graduate School of Bioscience and Biotechnology, Interdisciplinary Graduate School of Science and Engineering, Chemical Resources Laboratory, Precision and Intelligence Laboratory, Materials and Structures Laboratory, School of Bioscience and Biotechnology, Collaborative Research Bldg. Administration Office	4259 Nagatsuta-cho, Midori-ku, Yokohama, Kanagawa Prefecture 226-8503	Tokyu Den-en-toshi Line Approx. 5-minute walk from Suzukakedai Station	
Tamachi	Tamachi Campus Tokyo Tech High School of Science and Technology	3-3-6 Shibaura, Minato-ku, Tokyo 108-0023	JR Yamanote Line & Keihin Tohoku Line Approx. 2-minute walk from Tamachi Station	
Matsukazedai	Shofu Gakusha Dormitory	21-13 Matsukazedai, Aoba-ku, Yokohama, Kanagawa Prefecture 227-0067	Tokyu Den'entoshi Line Approx. 15-minute walk from Aobadai Station	
Umegaoka	Umegaoka Dormitory	17-2 Umegaoka, Aoba-ku, Yokohama, Kanagawa Prefecture 227-0052	Tokyu Den-en-toshi Line Approx. 15-minute walk from Fujigaoka Station	
Toda	Toda Boat House	1-55 Toda-Koen, Toda-shi, Saitama Prefecture 335-0024	From Toda Koen Station on the JR Saikyo Line Approx. 15-minute walk	Capacity 30 persons
Enzan	Yanagisawa-Toge Mountain Hut	2319-1 Aza-Namezawa, Oaza-Oyashiki, Enzan, Koshu-shi, Yamanashi Prefecture 402-0211	From Enzan Station on JR Chuo Line Approx. 20 km	Capacity 40 persons
Kusatsu	Kusatsu-Shirane Volcano Observatory	641-36 Aza-Takijirihara, Oaza-Kusatsu, Kusatsu-cho, Agatsuma-gun, Gunma Prefecture 377-1711	From Naganohara Station on the JR Agatsuma Line Approx. 30-minute walk from Kusatsu Onsen Station on JR Bus	

Campus Map

Ookayama Campus



Ishikawadai Area

- 1 Ishikawadai Bldg. 1
- 2 Ishikawadai Bldg. 2
- 3 Ishikawadai Bldg. 3
- 4 Ishikawadai Bldg. 4

- 5 Ishikawadai Bldg. 5
- 6 Ishikawadai Bldg. 6
- 7 Ishikawadai Bldg. 7 (ELSI-1)
- 8 Ishikawadai Lab Bldg. 1

- 9 Global Scientific Information and Computing Center (IRC)
- 10 International House

Ookayama South Area

- 1 South Bldg. 1
- 2 South Bldg. 2
- 3 South Bldg. 3
- 4 South Bldg. 4
- 5 South Bldg. 5
- 6 South Bldg. 6

- 7 South Bldg. 7
- 8 South Bldg. 8
- 9 South Bldg. 9
- 10 South Lecture Bldg.
- 11 South Lab Bldg. 2
- 12 South Lab Bldg. 4

- 13 Ultra-High Speed Electronics Research Lab
- 14 Research Center for Low Temperature Physics
- 15 Low Temperature Physics Lab

Ookayama West Area

- 1 West Bldg. 1
- 2 West Bldg. 2
- 3 West Bldg. 3
- 4 West Bldg. 4
- 5 West Bldg. 5
- 6 West Bldg. 6

- 7 West Bldg. 7
- 8 West Bldg. 8W
- 9 West Bldg. 8E
- 10 West Bldg. 9
- 11 Environmental Safety Management Bldg.
- 12 70th Anniversary Auditorium

- 13 Sports Center
- 14 Student Hall & Cafeteria
- 15 Extracurricular Bldg. 1
- 16 Extracurricular Bldg. 2
- 17 Extracurricular Bldg. 3
- 18 Extracurricular Bldg. 4

Ookayama East Area

- 1 Main Bldg.
- 2 Main Bldg. Lecture Halls
- 3 Administration Bureau Bldgs. 1&2
- 4 Administration Bureau Bldg. 3

- 5 Global Scientific Information and Computing Center (ITI)
- 6 Institute Library
- 7 Centennial Hall

- 8 Office of Industry Liaison Bldg. 1 & 2
- 9 East Bldg. 1
- 10 East Bldg. 2

Ookayama North Area

- 1 North Bldg. 1
- 2 North Bldg. 2
- 3 North Bldg. 3
- 4 North Lab Bldg. 1
- 5 North Lab Bldg. 2A&2B
- 6 North Lab Bldg. 3A

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

- 13 Health Service Center
- 14 80th Anniversary Hall
- 15 Extracurricular Bldg. 5
- 16 Extracurricular Bldg. 6
- 17 Tokyo Tech Front

Midorigaoka Area

- 1 Midorigaoka Bldg. 1
- 2 Midorigaoka Bldg. 2
- 3 Midorigaoka Bldg. 3

- 4 Midorigaoka Bldg. 4
- 5 Midorigaoka Bldg. 5
- 6 Midorigaoka Bldg. 6

- 7 Midorigaoka Lecture Bldg.

## Campus Map

### Suzukakedai Campus

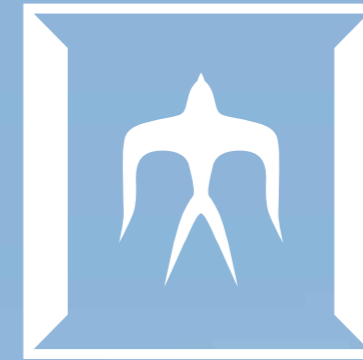
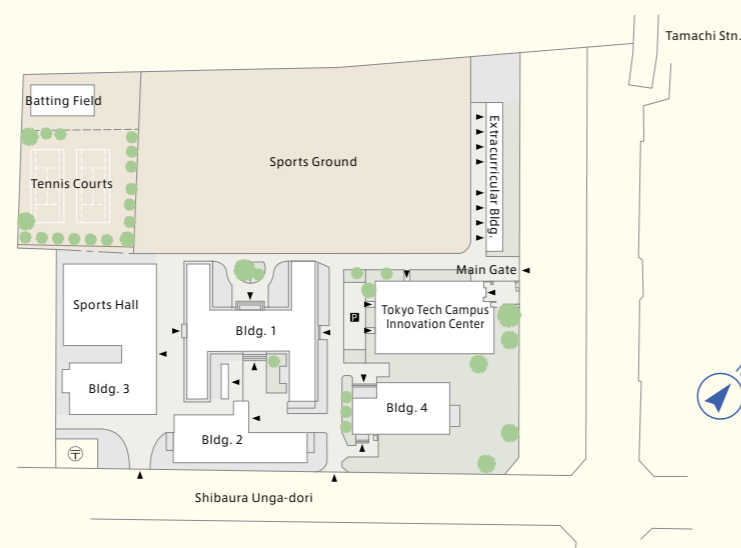
#### Introductory Guide

- B1-2** Graduate School of Bioscience and Biotechnology
- G1-5** Interdisciplinary Graduate School of Science and Engineering
- H1-2** Suzukake Hall
- R1** Chemical Resources Laboratory
- R2** Precision and Intelligence Laboratory
- R2** Imaging Science and Engineering Laboratory
- R3** Materials and Structures Laboratory
- J1 J2** Administration Office
- S1** Collaborative Research Bldg.
- S2** Frontier Research Center
- S3** Suzukakedai Library



B-Area	S-Area	R-Area	G-Area	H-Area
<ul style="list-style-type: none"> <li>1 B1-B2 Bldg.</li> <li>2 B1-B2 Annex A</li> <li>3 B1-B2 Annex B</li> <li>4 B1-B2 Annex C</li> </ul>	<ul style="list-style-type: none"> <li>1 S1 Bldg.</li> <li>2 S2 Bldg.</li> <li>3 S3 Bldg. (Suzukakedai Library)</li> <li>4 S4 Bldg.</li> <li>5 S5 Bldg.</li> <li>6 S6 Bldg.</li> <li>7 S7 Bldg.</li> </ul>	<ul style="list-style-type: none"> <li>1 R1 Bldg.</li> <li>2 R1 Annex A</li> <li>3 R1 Annex B</li> <li>4 R2 Bldg.</li> <li>5 R2 Annex A</li> <li>6 R2 Annex B</li> <li>7 R2 Annex C</li> <li>8 R3 Bldg.</li> <li>9 R3 Annex A</li> <li>10 R3 Annex B</li> <li>11 R3 Annex C</li> <li>12 R3 Annex D</li> </ul>	<ul style="list-style-type: none"> <li>1 G1 Bldg.</li> <li>2 G2 Bldg.</li> <li>3 G3 Bldg.</li> <li>4 G4 Bldg.</li> <li>5 G4 Annex A</li> <li>6 G5 Bldg.</li> </ul>	<ul style="list-style-type: none"> <li>1 H1 Bldg.</li> <li>2 H2 Bldg.</li> </ul>
				J-Area
				<ul style="list-style-type: none"> <li>1 J1 Bldg.</li> <li>2 J2-J3 Bldg.</li> </ul>

### Tamachi Campus



## The seal of Tokyo Institute of Technology

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