TOKYO TECH

PROFILE 2012 - 2013

TOKYO INSTITUTE OF TECHNOLOGY

Commanding view of the Main Building

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.

Tokyo Tech

Tokyo Institute of Technology has been shortened to the following in recent years: "Tokyo Tech."

School Color

In 2004, Tokyo Tech resolved that its school color would be royal blue, the color that stands for advancement and evolution.

Library in Spring

Suzukake Hall in Fall

Cover photo : a large-scale supercomputer TSUBAME (Tokyo-tech Supercomputer and Ubiquitously Accessible Mass-storage Environment)

Tokyo Tech Community Embraces Challenge with Spirit, Enthusiasm and Confidence

MISHIMA Yoshinao President

I was inaugurated as president of Tokyo Institute of Technology (Tokyo Tech) on October 1, 2012. Bearing in mind the long-term goal of the Institute, "to realize a truly world-class science and engineering university," I will strive to secure a quality of education equal to that of prominent universities abroad, while maintaining Tokyo Tech' s emphasis on research which represents some of the most advanced in the world. I will also continue to promote the internationalization of the Institute. I place importance on cultivating global "scientific creators of the times" as stipulated in the Policy on Education and will promote the development of Tokyo Tech to this end. I deeply appreciate your continued support in these endeavors.

Today we face various issues on a global level: the environment, energy, food, water, an aging society, health care, elder care and so on and so forth. For a university in the fields of science and technology, they all represent research subjects. Therefore, we are the ones who will find the keys to the solutions and solve these problems. Additionally, we are the ones who will realize as yet undiscovered possibilities. The role science and technology universities have played has never been as important as the one they play today in the 21st century. Additionally, it is important that Tokyo Tech keep open the channels of communication with the public. This will allow us to gain their understanding and support, demonstrate what our research means to society and show how the Tokyo Tech community has contributed to and will continue to contribute to society.

Tokyo Tech is the best university in the field of science and technology in Japan. Nonetheless, our community is not going to settle for being Japan's best, but is aiming to be the world's best in education and research. Tokyo Tech is striving to create a more international environment, where excellent students from all over the world can come together for education and research and where more Tokyo Tech students will go abroad to study. In this context, we have much work to do. We need to increase our infrastructure, such as the number of dormitories. We also need to instill a sense of spirit and enthusiasm for global inquisitiveness in our students as well as give them the tools, including a high level of English proficiency, to excel and be confident as international students and researchers. This is not something that happens immediately. We will devise solutions to problems one by one in order "to realize a truly world-class science and engineering university."

To deal with Japan' s dwindling global competitiveness, graying of society and falling birthrate, and to dispel social instability caused by sporadic financial crises and the Great East Japan Earthquake in 2011, Japanese society today expects its universities to foster leaders who can and will play significant roles beyond national boundaries. For that reason, Tokyo Tech is building a high-quality education system to meet these societal expectations and is aiming to establish a solid global presence based on our world-class advanced research outcomes and innovative creations. Tokyo Tech has always placed immense value on technical ingenuity and the scientific quest, enhanced by hands-on research opportunities. In this environment, our students are able to acquire fundamental expertise and push themselves to become scientists and engineers who can take leading roles at the global level. Additionally, I expect students to expand their perspectives and see outside their specific academic disciplines. They should not confine themselves to lecture rooms or labs, but should proactively seek new experiences. To that end, Tokyo Tech will provide our students with various opportunities for studying and conducting research abroad.

In the midst of accelerating globalization, increasing interest has been paid to the way in which higher education systems should cultivate global leaders. The Re-Inventing Japan Project, an umbrella program created by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) to promote human resources development, has adopted two programs put forth by Tokyo Tech. One is our student exchange program focusing on research, which consists of three world-class universities in the fields of science and technology in East Asia, namely Tokyo Tech, Korea Advanced Institute of Science and Technology (KAIST) and Tsinghua University. The other is an exchange program with seventeen top universities in science and technology, which include MIT, UC Berkeley, CalTech and Imperial College London. The Re-Inventing Japan Project increases opportunities for Tokyo Tech students to study at top-tier universities abroad in addition to our other well-established programs, involving the ASPIRE League of five Asian universities, the Graduate School of Engineering's AOTULE program with ten Asia-Oceania universities and SERP with seven Western universities.

Most world-renowned universities in the fields of science and technology today now offer a broad spectrum of lectures in the arts and humanities, but Tokyo Tech has been offering and requiring students to take such courses since the mid-twentieth century. In order to become scientists and engineers who act beyond the confines of nationalities, cultures and religions, it is imperative that we cultivate mutual understanding of and respect for differences of values. A liberal arts education expands one' s perspective, instills tolerance, and fosters a deeper understanding of Japan and other cultures. Tokyo Tech provides students with expertise, advanced technical skills and a broad range of knowledge in the liberal arts which are all necessary for global "scientific creators of the times."

I will lead Tokyo Tech as it embraces the challenges of the 21st century with spirit, enthusiasm and confidence.

CONTENTS

ORGANIZATION

As of October 5, 2012

Administration

President
MISHIMA Yoshinao

Auditor
SHIMIZU Yasutaka

Auditor
SUZUKI Motoyuki

- Board of Directors
- President Nomination Committee
- Management Committee
- Educational and Research Council
- Deans & Directors Conference
- Internal Audit Office
- Compliance Office
- Risk Management Office

Executive Vice President
OKADA Kiyoshi

Executive Vice President
MARUYAMA Toshio

Executive Vice President
TATSUMI Takashi

Executive Vice President
OTANI Kiyoshi

Vice President
YAMADA Michio

Vice President
TSUKAMOTO Mamiko

Vice President
MIZUMOTO Tetsuya

Vice President
UYEMATSU Tomohiko

Vice President
MARUYAMA Tsuyoshi

- Planning Office
- Evaluation Office
- Educational Planning Office
- International Office
- Research Strategy Office
- Office of Industry Liaison
- General Safety Management Center
- Financial Management Office
- Information Infrastructure Management Office
- Center for Public Information
- Center for University Communications and Coordination
- University Management Center
- Admission Office
- Gender Equality Center
- Office for the 130th Anniversary Project
- Research Project Support Center
- Energy Conservation Promotion Office
- University Contents Utilization Center
- Admission Center
- Administrative Departments
- Technical Department

Academics

Research Facilities
- Imaging Science and Engineering Laboratory
- Frontier Research Center
- Solutions Research Laboratory
- Materials Research Center for Element Strategy

Research Institutes
Integrated Research Institute
Global Edge Institute
Productive Leader Incubation Platform
Museum
Academy for Global Leadership
Academy for Co-creative Education of Environment and Energy Science
Education Academy of Computational Life Sciences
Academy for Global Nuclear Safety and Security Agent

Research Laboratories
- Chemical Resources Laboratory
  - Resources Recycling Process Laboratory
- Precision and Intelligence Laboratory
  - Photonics Integration System Research Center
  - Secure Device Research Center
- Materials and Structures Laboratory
  - Secure Materials Center
- Research Laboratory for Nuclear Reactors
  - International Nuclear Research Cooperation Center

Research and Service Centers
Health Service Centers (Ookayama & Suzukakedai)
Global Scientific Information and Computing Center
Research Center for Educational Facilities
Volcanic Fluid Research Center
International Student Center
Quantum Nanoelectronics Research Center
Foreign Language Research and Teaching Center
Center for Biological Resources and Informatics
Center for Liberal Arts
Radiation Research and Management Center
36 Additional Facilities

Graduate Schools
- Graduate School of Science and Engineering
- Graduate School of Bioscience and Biotechnology
- Interdisciplinary Graduate School of Science and Engineering
- Graduate School of Information Science and Engineering
- Graduate School of Decision Science and Technology
- Graduate School of Innovation Management

Undergraduate Schools
- School of Science
- School of Engineering
- School of Bioscience and Biotechnology

Affiliated High School of Science and Technology

Institute Libraries

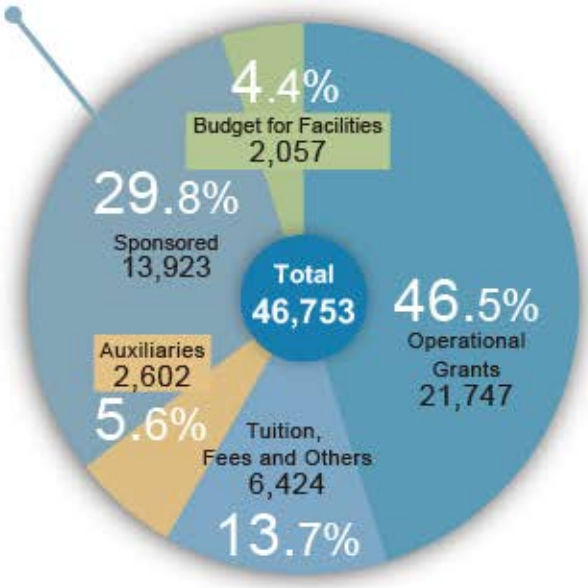
FINANCIAL DATA

Budget FY2012

Revenue

(Unit: million yen)

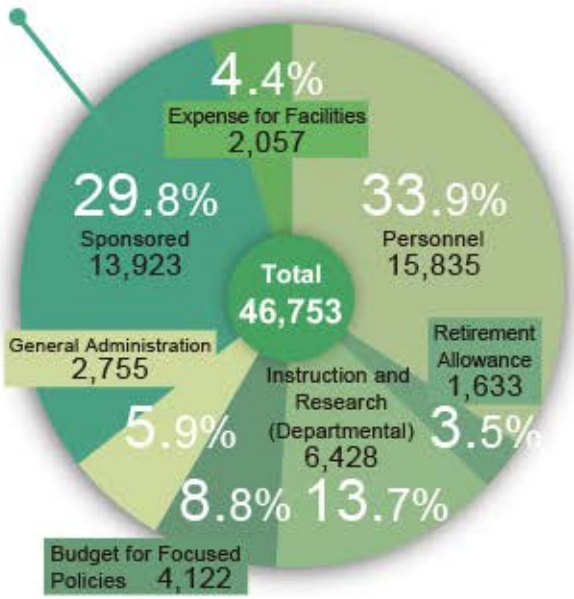
Sponsored Funds consisting of grants and donations
Donations for Research 757
Sponsored/Collaborative Research 5,348
Grants 7,818



Expenditure

(Unit: million yen)

Sponsored Funds consisting of grants and donations
Donations for Research 757
Sponsored/Collaborative Research 5,348
Grants 7,818



Financial Summary FY2011

Balance Sheet

As of March 31, 2012

(Unit: million yen)

Assets	Amount	Liabilities	Amount
Fixed Assets	225,342	Fixed Liabilities	25,860
Tangible Fixed Assets	219,367	Current Liabilities	21,644
Intangible Fixed Assets	487	Total	47,505
Other	5,487	Net Assets	
Current Assets	14,488	Capital Stock	179,557
Cash and Cash Equivalents	7,570	Capital Surplus	12,049
Other	6,917	Earned Surplus	698
		Other	19
		Total	192,325
Total	239,830	Total	239,830

(Fractions under one million yen are omitted.)

Income Statement

April 1, 2011- March 31, 2012

(Unit: million yen)

Account	Amount
Ordinary Expenses (A)	41,990
Operating Expenses	39,515
General and Administrative Expenses	2,392
Other	82
Ordinary Revenues (B)	42,011
Operational Grants	21,440
Tuition and Fees	4,074
Sponsored/Collaborative Research	6,998
Donations for Research	1,182
Grants for Research	2,469
Other	5,846
Extraordinary Profit and Loss (C)	–
Reversal of Reserve for Specific Purposes (D)	–
Gross Profit (B-A+C+D)	20

(Fractions under one million yen are omitted.)

FINANCIAL DATA

Trends of Specific Funds

As of May 1, 2012

	Donations for Research		Sponsored Research		Collaborative Research		Grants-in-Aid for Scientific Research		Sum Total
	Number of Projects	Research Fund (in thousand yen)	Number of Projects	Research Fund (in thousand yen)	Number of Projects	Research Fund (in thousand yen)	Number of Projects	Research Fund (in thousand yen)	
1994	1,151	1,505,344	96	294,805	31	113,566	719	2,539,907	4,453,622
1995	1,165	1,514,461	110	934,342	32	81,506	860	3,429,317	5,959,626
1996	1,219	1,497,442	128	1,482,465	43	130,032	878	3,686,766	6,796,705
1997	1,153	1,373,547	179	1,980,309	61	313,719	883	3,922,595	7,590,170
1998	1,054	1,308,346	218	2,318,725	57	245,140	944	3,646,626	7,518,837
1999	1,058	1,073,273	216	2,715,194	81	369,526	943	3,892,840	8,050,833
2000	952	1,142,806	214	2,632,039	114	485,958	911	3,787,345	8,048,148
2001	916	1,002,015	175	1,416,838 (97,849)	149	551,852	901	4,219,317 (275,220)	7,190,022
2002	953	1,055,472	202	1,287,123 (61,264)	207	889,290	903	4,111,805 (355,830)	7,343,690
2003	929	1,040,681	238	2,519,600 (95,250)	264	863,578	885	4,387,534 (448,530)	8,811,393
2004	937	1,027,383	244	2,990,887 (215,869)	344	1,182,882 (174,146)	925	4,311,301 (422,517)	9,512,453
2005	856	1,067,970	260	3,837,512 (343,774)	423	1,309,985 (257,149)	926	4,646,263 (465,990)	10,861,730
2006	862	1,037,816	294	4,737,492 (484,671)	368	1,513,580 (317,323)	978	4,947,213 (625,438)	12,236,101
2007	869	982,818	309	5,478,090 (593,602)	447	1,787,062 (367,041)	973	5,023,916 (776,463)	13,271,886
2008	810	999,996	290	6,085,691 (724,971)	449	1,802,415 (377,330)	898	4,778,065 (838,992)	13,666,167
2009	653	934,860	310	5,390,329 (805,966)	416	1,458,526 (310,252)	927	4,914,463 (916,026)	12,698,178
2010	624	999,918	353	5,825,569 (814,374)	439	1,579,643 (323,503)	1,010	5,046,901 (1,066,431)	13,451,731
2011	609	1,035,906	352	5,326,505 (865,776)	477	1,530,202 (319,153)	1,005	5,001,808 (1,094,609)	12,894,421

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

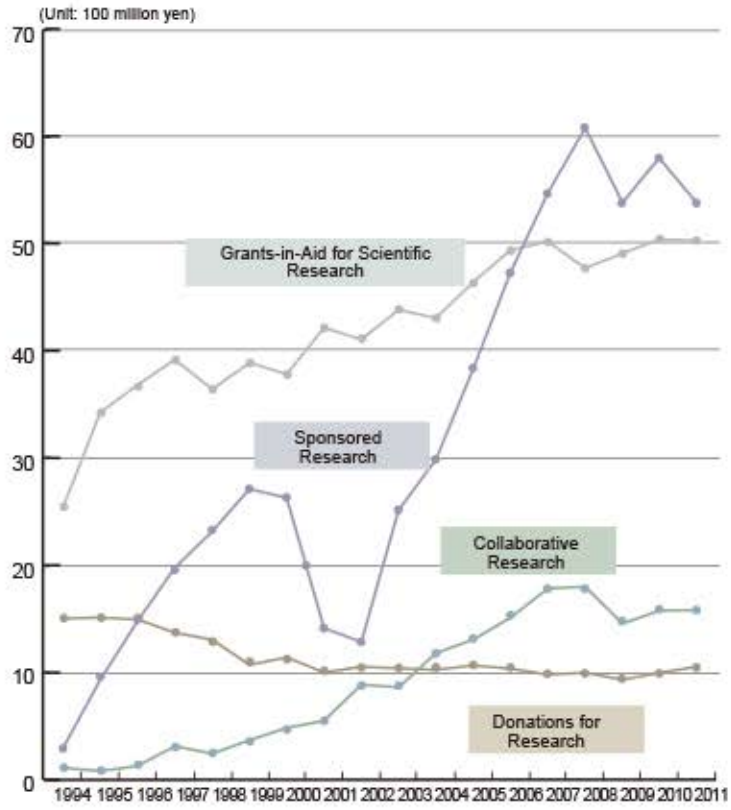
Grants-in-Aid for Scientific Research

FY2010

Area of Research	Number of Projects	Research Fund (in thousand yen)
Grant-in-Aid for Specially Promoted Research	6	694,980 (160,380)
Grant-in-Aid for Scientific Research on Priority Areas	13	107,300 (0)
Grant-in-Aid for Scientific Research on Innovative Areas (Research in a proposed research area)	59	649,350 (149,850)
Grant-in-Aid for Scientific Research on Innovative Areas (Research under a proposed research project)	2	12,870 (2,970)
Grant-in-Aid for Scientific Research (S)	16	641,420 (148,020)
Grant-in-Aid for Scientific Research (A)	75	837,850 (193,350)
Grant-in-Aid for Scientific Research (B)	157	850,850 (196,350)
Grant-in-Aid for Scientific Research (C)	148	226,337 (52,231)
Grant-in-Aid for Exploratory Research	91	170,560 (39,360)
Grant-in-Aid for Young Scientists (S)	4	60,060 (13,860)
Grant-in-Aid for Young Scientists (A)	31	207,874 (47,971)
Grant-in-Aid for Young Scientists (B)	177	293,150 (67,650)
Grant-in-Aid for Young Scientists (Start-up)	15	23,517 (5,427)
Grant-in-Aid for Creative Scientific Research	1	74,490 (17,190)
Grant-in-Aid for JSPS Fellows	210	151,200 (0)
Sum Total	1,005	5,001,808 (1,094,609)

Note: 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.

Trends of Funds



UNDERGRADUATE COURSES

School of Science (5 Departments)

As of May 1, 2012

http://www.sci.titech.ac.jp

The School of Science is made up of 5 departments that are the pillars of scientific education. The goal is to provide our students with the expert knowledge, rigorous logical thinking and problem-solving abilities that are needed in this highly technological era.

Mathematics
http://www.math.titech.ac.jp/welcome-e.html

Physics
http://www.phys.titech.ac.jp/english/index.html

Chemistry
http://www.chem.titech.ac.jp/index-e.html

Information Science
http://www.is.titech.ac.jp/index-e.html

Earth and Planetary Sciences
http://www.geo.titech.ac.jp/english_index.php

School of Engineering (16 Departments)

As of May 1, 2012

http://www.eng.titech.ac.jp/index_e.html

The School of Engineering has 70% of all students and is home to 16 of Tokyo Institute of Technology's 23 undergraduate departments, from group 2 to 6. The education is based on teaching strong fundamentals while fostering creativity. Students form teams that must identify problems and create innovative solutions in order to integrate the essential knowledge with new ideas and further design and manufacture real applications. Our graduates are expected to have "strong foundations in engineering," "the ability to communicate internationally" as well as "leadership skills." These elements, along with specialized subjects taught from year one, are woven into the curriculum, and it all spirals up from entrance to graduation.

Metallurgical Engineering
http://www.mtl.titech.ac.jp/metal-e.html

Organic and Polymeric Materials
http://www.op.titech.ac.jp/op/index-e.html

Inorganic Materials
http://www.ceram.titech.ac.jp/en/index-e.html

Chemical Engineering
http://www.chemeng.titech.ac.jp/english/index.htm
http://www.apc.titech.ac.jp/apc-e.html

Polymer Chemistry
http://www.op.titech.ac.jp/polymer/index-e.htm

Mechanical Engineering and Science
http://www.mech.titech.ac.jp/index.html

Mechanical and Intelligent Systems Engineering
http://www.mep.titech.ac.jp/mise.html

Mechano-Aerospace Engineering
http://www.mes.titech.ac.jp/index.html

Control and Systems Engineering
http://www.ctrl.titech.ac.jp/home-e.html

Industrial and Systems Engineering
http://www.me.titech.ac.jp/index-e.html

Electrical and Electronic Engineering
http://www.u.ee.titech.ac.jp/eng/index.html

Computer Science
http://www.cs.titech.ac.jp/cs-home-e.html

Civil and Environmental Engineering
http://www.cv.titech.ac.jp/e/index.html

Architecture and Building Engineering
http://www.arch.titech.ac.jp/index-e.html

Social Engineering
http://www.soc.titech.ac.jp/major_En/index.html

International Development Engineering
http://www.ide.titech.ac.jp/index.html

School of Bioscience and Biotechnology (2 Departments)

As of May 1, 2012

http://www.bio.titech.ac.jp/english/index.html

This faculty was established in 1990 to enhance education and research in the integrated field of bioscience and biotechnology. It consists of two departments: the Department of Bioscience and the Department of Biotechnology. A total of 150 students are accepted to the school every year. Generally 1st- and 2nd-year students study in Ookayama Campus, moving to Suzukakedai Campus from their 3rd year.

Bioscience
http://www.bio.titech.ac.jp/english/information/en_gakubu/en_kagakuka.html

Biotechnology
http://www.bio.titech.ac.jp/english/information/en_gakubu/en_kougakuka.html

GRADUATE COURSES

Graduate School of Science and Engineering (20 Departments)

As of May 1, 2012

Graduate School of Science http://www.sci.titech.ac.jp

The faculty and students of the Graduate School of Science devote themselves day and night to research in new fields, driven by the sheer pleasure of discovery. Our education aims to develop the ability to look at the roots of problems and to solve the issues one by one through the rigorous application of logical thinking. Whether one studies the nature of prime numbers, the principles of quantum computers, the ultimate structure of the universe, new nano elements and synthetic molecules, or the mysteries of the emergence of life on earth, our internationally recognized researchers produce leading-edge results in all the fields that have long fascinated mankind.

Graduate School of Engineering http://www.eng.titech.ac.jp/index_e.html

The Graduate School of Engineering covers 15 fields, and its teaching staff and students represent about 30% of the Institute. While teaching master courses is the main focus, we also work on leading-edge research themes. We encourage our top students to continue on to Doctoral courses, for which we have our own Research Assistant budget. Through the Asia-Oceania Top University League on Engineering (AOTULE) and other exchange agreements with top overseas institutes we are able to provide our students with a strong international outlook. Similarly, our joint program with the universities of Osaka and Nagoya offer the teaching staff opportunities for growth.

Mathematics

http://www.math.titech.ac.jp/welcome-e.html

Research Fields

Theory of Algebraic Structures, Algebraic Geometry, Geometry, Topology, Analysis, Global Mathematics

Physics (Particle-, Nuclear- and Astro-Physics)

http://www.phys.titech.ac.jp/english/index.html

Research Fields

Particle-, Nuclear- and Astro-Physics, Interdisciplinary Research in Fundamental Physics, Leading Edge Fundamental Physics**, Nuclear-Particle Physics Experiment**, Theoretical Few-body Physics**

Physics (Condensed Matter Physics)

http://www.phys.titech.ac.jp/english/index.html

Research Fields

Nanometer-scale Quantum Physics, Statistical and Surface Physics, Applied Physics, Molecular and Optical Physics, Experimental Research on Quantum Phenomena, Interdisciplinary Research in Condensed Matter Physics, Low Temperature Physics, Advanced Condensed Matter Physics**

Chemistry

http://www.chemistry.titech.ac.jp/english/index.html

Research Fields

Chemistry of Condensed Matter, Molecular Science, Organic Chemistry, Environmental Chemistry, Volcano Chemistry*, Emergent Molecular Functions**, Natural Product Synthesis**, Interfacial Physical Chemistry**, Hybrid Carbon Chemistry**

Earth and Planetary Sciences

http://www.geo.titech.ac.jp/english_index.php

Research Fields

Earth and Planetary Physics, Evolution of Earth and Planets, Origin of Solar System, Planetary Exploration

Chemistry and Materials Science

http://www.cms.titech.ac.jp/index-e.html

Research Fields

Material Structure, Chemical Transformations, Materials Design, Functional Materials, Physical Photochemistry**

Metallurgy and Ceramics Science

http://www.macs.titech.ac.jp/english

Research Fields

Metal Physics, Metal Chemistry, Design of Alloys and Materials, Inorganic Functional Materials, Inorganic Environmental Materials, Ceramic Matrix Composites

Organic and Polymeric Materials

http://www.op.titech.ac.jp/index_e.html

Research Fields

Polymer Science, Soft Materials Science, Organic and Polymeric Materials

Applied Chemistry

http://www.apc.titech.ac.jp/apc-e.html

Research Fields

Molecular Functions Design, Chemical Reactions Design

Chemical Engineering

http://www.chemeng.titech.ac.jp/english/index.htm

Research Fields

Process Analysis, Process Design, Process Operation, Information Analysis*

Mechanical Sciences and Engineering

http://www.3mech.titech.ac.jp/index_e.html

Research Fields

Thermal and Fluid Science, Dynamics Engineering, Design Engineering, Manufacturing Technology and Science, Mechanics of Solids and Structures, Material System Science

Mechanical and Control Engineering

http://www.3mech.titech.ac.jp/index_e.html

Research Fields

Creation for Intelligent Arts, Applied Materials and Mechanics, Energy Engineering, System Dynamics, Measurement and Control, Systems Control, Global Environment Engineering

Mechanical and Aerospace Engineering

http://www.3mech.titech.ac.jp/index_e.html

Research Fields

Advanced Thermo-Fluid Dynamics, Structural Design, Mechano-Creation

Electrical and Electronic Engineering

http://ee.titech.ac.jp/en.html

Research Fields

Autonomous Systems Engineering, Power Electronics Engineering, Communications and Transmissions Engineering, Photonic Devices Engineering*, Nanobiomagnetic Engineering**, Railway Technology Innovation and Standardization [Endowed Chair by East Japan Railway Company]***

Physical Electronics

http://pe.titech.ac.jp/en.html

Research Fields

Advanced Electronics, Electrical and Electronic Materials Engineering, Integrated Devices, Quantum Device Physics*

Communications and Integrated Systems

http://www.ss.titech.ac.jp/index.html

Research Fields

Information System, High-Performance Integrated Systems, Communication Systems, Intelligent Networks*

Civil Engineering

http://www.cv.titech.ac.jp/e/index.html

Research Fields

Construction Engineering, Environmental Engineering, Infrastructure Planning

Architecture and Building Engineering

http://www.arch.titech.ac.jp/index-e.html

Research Fields

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

http://www.ide.titech.ac.jp/index.html

Research Fields

International Environment Engineering, International Infrastructure Engineering, Industrial Development System Engineering, International Co-Existence*

Nuclear Engineering

http://www.nr.titech.ac.jp/graduate/index-e.html

Research Fields

Nuclear Energy*, Nuclear Materials*, Nuclear Systems and Safety*, Nuclear Back-Ends Engineering, Innovative Nuclear Reactors, International Nuclear Power Human Resource Training [Hitachi-GE] Chair Course***

Common Sections

Special Research Fields

Interdisciplinary Science (Interactive Research Center of Science),
http://www.ircs.titech.ac.jp/index-j.php
Engineering for Strategic Planning
http://www.fesp.titech.ac.jp

Note: * Conducted in alliance with collaborative professors and their research groups from other departments or schools on campus.
** Conducted in alliance with visiting professors and their collaborative research groups.
*** Conducted in alliance with professors in endowed chairs and their research groups on campus.

Graduate School of Bioscience and Biotechnology (5 Departments)

As of May 1, 2012

http://www.bio.titech.ac.jp/english/index.html

The Graduate School of Bioscience and Biotechnology was established in 1992 and consists of 5 departments. Every year around 100 students enroll in the master's course and 40 students in the doctoral course. This graduate school has initiated advanced research in bioscience and biotechnology, such as biochemistry, medical science, pharmaceutical science, agriculture and engineering.

Life Science

http://www.bio.titech.ac.jp/english/information/en_grad/ls/index.html

Research Fields

Biodynamics, Structure and Function of Biomolecules, Bioinformation and Regulation, Life Science Frontier*, Molecular Genomics*, Advanced Bioscience**

Biological Information

http://www.bio.titech.ac.jp/english/information/en_grad/bi/index.html

Research Fields

Bioinformation and Medical Science, Bioregulation Sciences, Bioinformation Engineering, Bioinformation and Bioregulation*, Bioregulation Networks**

Biomolecular Engineering

http://www.bio.titech.ac.jp/english/information/en_grad/be/index.html

Research Fields

Biomaterial Physics, Biomaterial Design, Biofunctional Engineering, Biological Computational Chemistry*, Bio-organic Chemistry*, Advanced Biofunctional Engineering**

Biological Sciences

http://www.bio.titech.ac.jp/english/information/en_grad/bs/index.html

Research Fields

Biological Information and Biogenesis, Evolution and Comparative Biology, Cellular and Developmental Biology, Genome Structure and Function*

Bioengineering

http://www.bio.titech.ac.jp/english/information/en_grad/b/index.html

Research Fields

Cellular and Molecular Bioengineering, Biomolecular Process Engineering, Functional Bioengineering, Cellular Bioengineering*

Note: * Conducted in alliance with collaborative professors and their research groups from other departments or schools on campus.
** Conducted in alliance with visiting professors and their collaborative research groups.

Interdisciplinary Graduate School of Science and Engineering (11 Departments + IPER)

http://www.igs.titech.ac.jp/english

As of May 1, 2012

The Graduate School is composed of 11 departments, which are classified into three groups. There is no undergraduate program as it aims to be an interdisciplinary graduate school. Crossing over the three groups, the Innovation Platform for Education and Research (IPER) was established to offer an advanced education while providing a platform for conducting doctoral research as well as bridging the three groups. The school has been pioneering new interdisciplinary fields for providing technologies required to create a sustainable society not only in Japan but all over the world.

Innovative and Engineered Materials

http://www.iem.titech.ac.jp/english

Research Fields

Environmental Materials Engineering and Science

Research Fields*

Highly Functional Materials Engineering and Science, Transient Phase Material Science and Engineering

Electronic Chemistry

http://www.echem.titech.ac.jp/english

Research Fields

Molecular Process, Material and Energy Conversion

Research Fields*

Complex and Electrochemistry, Catalytic Chemistry, Organoelectronic Chemistry, Bioelectronic Chemistry, Spectroscopic Chemistry, Solid State Chemical Physics

Materials Science and Engineering

http://www.materia.titech.ac.jp/English/index.html

Research Fields

Materials Structure and Functions, Quantum and Surface Materials Science

Research Fields*

Design of Environmentally Beneficial Materials, Materials Processing with Low Environmental Loads, Structure and Diffraction Physics, Electro Active Materials, Synergistic Materials, Materials Evaluation, Materials Structure Design, Frontier Materials Science

Environmental Science and Technology

http://www.depe.titech.ac.jp/english/english.html

Research Fields

Natural Environment, Social Environment

Research Fields*

Environment and Energy Engineering, Environment and Material Engineering, Environment and Structural Engineering, Environment and Safety Engineering, Process Systems Engineering, International Environmental Cooperation

Built Environment

http://www.igs.titech.ac.jp/english/departments/enveng.html

Research Fields

Built Environment Evaluation, Human Environment and Urban Planning, New Frontier Infrastructure

Research Fields*

Landscape Engineering

Energy Sciences

http://www.es.titech.ac.jp

Research Fields

Energy Environment Science, Energy Conversion Engineering, High Energy Density Science

Research Fields*

Energy Environment System, Energy Conversion System, High Energy Density System

Environmental Chemistry and Engineering

http://www.igs.titech.ac.jp/english/departments/chemenv.html

Research Fields

Environmental Analysis and Engineering, Catalysis and Green Chemistry

Research Fields*

Environmental Molecular Arrangement, Chemical Process Design, Polymer Processes, Chemical Environmental Process Synthesis, Environmentally Benign Molecular Design, Environmental Biotechnology, Environmental Materials Science

Electronics and Applied Physics

http://www.ep.titech.ac.jp/index-e.html

Research Fields

Advanced Electron Devices, Novel Functional Devices

Research Fields*

Imaging Materials, Photonic Devices and Systems, Material Physics and Engineering Frontiers, Intelligent Electronic Systems, Materials and Information Engineering Frontiers, Integrated Photonics

Mechano-Micro Engineering

http://www.igs.titech.ac.jp/english/departments/pms.html

Research Fields

Functionality Creation

Research Fields*

Precision Devices, Advanced Mechatronics, Advanced Mechanomaterial, Secure Device

Computational Intelligence and Systems Science

http://www.dis.titech.ac.jp/en/index.html

Research Fields

Fundamental Intelligent System, Complex System Analysis, Emergent System

Research Fields

Computational Perception and Recognition, Brain Science, Neural Information Processing

Information Processing

http://www.ip.titech.ac.jp/index-e.html

Research Fields

Future-Oriented Information Systems, New Functional Information Systems

Research Fields*

Perceptual Image Processing, Advanced Image Science, Sensory Information Systems, Advanced Wave Application Systems, Bioinformation Systems, Discrete Information Systems

Note: Research fields marked with * are conducted in alliance with collaborative professors and their research groups from other departments or schools on campus.

Innovative Platform for Education and Research (IPER)

http://www.igs.titech.ac.jp/iper

- Doctoral Program in Innovative Platform for Education and Research
- Education and Research Core Groups

GRADUATE COURSES

Graduate School of Information Science and Engineering (3 Departments)

As of May 1, 2012

http://www.ise.titech.ac.jp/index.html.en

Along with the rapid increase of data creation and collection in all fields, both the scope and relevance of information technology are increasing. Beyond solving problems in the natural sciences, students are also educated on how to apply information science to address societal issues. From the fundamentals of computer science and statistics to improving architectural design, software development or user interfaces, the unifying goal of each department of the Graduate School of Information Science and Engineering is to improve and harmonize the relationships between individuals, computers and society.

Mathematical and Computing Sciences

http://www.is.titech.ac.jp/index-e.html

Research Fields

Computing in Information Science (Mathematical Computing, Software Interfaces, Mathematical and Information Sciences), Mathematical Sciences (Mathematical Analysis of Discrete Structure, Mathematical Analysis on Nonlinear Structure, Statistical Science, Operations Research), Computing Science (Software Analysis, Software Organization), Foundation of Computing Science, Foundation of Software Science

Computer Science

http://www.cs.titech.ac.jp/cs-home-e.html

Research Fields

Integrated Information Systems (Software Environments, Multimedia Information Processing), Computer Systems (Dependable Computer Systems, Large-Scale Computer Systems, Advanced Archtectural Design), Advanced Computing, Software Engineering (Software Design, Computational Logic), Intelligent Systems (Knowledge Engineering, Inference Systems, Computational Linguistics, Pattern Recognition), Foundation of Computer Science, Information Networks

Mechanical and Environmental Informatics

http://www.mei.titech.ac.jp/index-e.html

Research Fields

Integrated Informatics for Mechanical and Environmental Systems (Acquisition and Utilization of Information, Informatics for Environmental Control, Informatics for Policy Science, Informatics for Social Systems), Human Information in Mechanical Engineering (Human Information in Mechanical Engineering, Application of Mechanical Information), Information-Driven Systems (Decentralized/ Cooperative Control Systems, Sensing for Mechano-Informatics), Environmental Systems Design (Geographic Information Systems, Intelligent Space Design, Intelligent Infrastructure Systems), Foundations of Mechanical and Environmental Informatics, Environmental Monitoring and Modeling, Coastal Environmental Studies, Robot Informatics

Graduate School of Decision Science and Technology (4 Departments)

As of May 1, 2012

http://www.dst.titech.ac.jp

Rapid technological developments, from information technology to biotechnology or genetic technology, are bringing society towards a new era of industrialization. While technology has created new opportunities and potentials for human beings, it has also brought ethical and moral issues to the forefront, such as our growing impact on the environment. The Graduate School of Decision Science and Technology aims to identify those problems and formulate concrete ways to solve them by designing and implementing a more effective interface between human society on the one hand, and science and technology on the other.

Human System Science

http://www.hum.titech.ac.jp/index-e.html

Research Fields

Human Resource Development (Cognitive Science, Educational System Design, Human Resource Development for Science & Technology, Educational Evaluation), Human Dynamics Design (Motor Control and Health Design, Psychosomatic Science, Discursive Practices), Educational Technology (Learning Media Technology, Advanced Learning Systems), Science and Technology

Value and Decision Science

http://www.valdes.titech.ac.jp/English

Research Fields

Value and Discourse (Value Structure, Representation Function, Value Representation, Discursive Formation), Socio-Mathematical Theory (Social System, Social Measurement), Decision-Making Process (Collective Decision Making, Politico-Economy, Political Decision)

Industrial Engineering and Management

http://www.me.titech.ac.jp/index-e.html

Research Fields

Development, Production, and Distribution Engineering (Fundamentals of Technology, Development Strategy, Human- Production Interaction, Process Evaluation), Managerial and Financial Engineering (Managerial Calculation), Mathematics and Information Systems (Management Mathematical Engineering, Management Information Systems), History, Philosophy and Social Studies of Science and Technology (History and Social Studies of Technology, History and Social Studies of Science, Logic and Methodology of Science and Technology)

Social Engineering

http://www.soc.titech.ac.jp/major_En/index.html

Research Fields

National Land and Urban Planning (Urban Planning, National Land and Social System), Public System Design (Public Policy, Mechanism Design, Public Space, Historical Landscapes, Global Environmental Policy), Social Engineering Basic Theory (Decision Theory, Applied Economics, Social System)

Graduate School of Innovation Management (2 Departments)

As of May 1, 2012

http://www.mot.titech.ac.jp/english

Our mission is to educate practical leaders who can manage the innovation cycles, from leading-edge technology development, to intellectual property management and business creation. We also work to produce innovative researchers in the field of technology management and innovation. Faculty members are developing new theories, and are studying at the frontiers of their fields in technology management strategy, intellectual property management, financial engineering, and information & service innovation.

Management of Technology**

http://www.mot.titech.ac.jp/english

Research Fields

MOT Strategy, Intellectual Property Management, Finance Engineering, Information & Service Innovation, Leading-Edge Science & Technology*

Innovation***

http://www.mot.titech.ac.jp/english

Research Fields

MOT Strategy, Intellectual Property Management, Finance Engineering, Information & Service Innovation

Note: * Conducted in alliance with collaborative professors and their research groups from other departments or schools on campus.
** Offers a Professional Master's Program
*** Offers a Doctoral Program

INSTITUTE, LABORATORIES, AND CENTERS

Integrated Research Institute

As of May 1, 2012

http://www.iri.titech.ac.jp/english/index.html

New Integrated Research Institute (IRI) was established in April 2010 to integrate the management of diversified research organizations at Tokyo Institute of Technology. The IRI is comprised of the Chemical Resources Laboratory, Precision and Intelligence Laboratory, Materials and Structures Laboratory, Research Laboratory for Nuclear Reactors, Imaging Science and Engineering Laboratory, Frontier Research Center and Solutions Research Laboratory. The Executive Vice President for Research is appointed to the position of Director-General of the IRI. IRI Board, consisting of the IRI Director-General and directors of various research organizations, sets basic policy for the operation of the IRI and its laboratories are managed accordingly. The Frontier Research Center and the Solutions Research Laboratory serve as platforms for organized collaborative research projects. The new IRI has succeeded in furthering the developments achieved by the former IRI (FY2005-2009) and is supported by the Program to Encourage Strategic Research Centers which falls under the umbrella of MEXT's Coordination Fund for Promoting Science and Technology. It also acts to mobilize university-wide research strengths and encourage collaborative research among Tokyo Institute of Technology's diverse science departments.

Chemical Resources Laboratory

http://www.res.titech.ac.jp/~documents/english/index.html

The main mission of the Chemical Resources Laboratory is to explore both the fundamental sciences as well as the practical applications of the chemical utilization of natural resources. The Laboratory consists of various divisions covering a wide range of chemistry fields (organic chemistry, inorganic chemistry, physical chemistry, biochemistry, catalysis chemistry, polymer chemistry and chemical engineering). We focus on how to effectively use and recycle the limited natural resources of the earth without polluting our environment.

Research Fields

Inorganic Resources, Molecular Materials Design, Organic Resources, Bio-Resources, Catalytic Chemistry, Polymer Chemistry, Synthetic Organic Chemistry, Chemical Spectroscopy, Chemical System Synthesis, Process Systems Engineering, Chemistry for Inorganic Materials, Integrated Molecular Engineering, Smart Material Chemistry, Materials for Energy Conversion [Toppan Printing]* Collaborative Research Organization**

Resources Recycling Process Laboratory

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

Precision and Intelligence Laboratory (P&I Lab.)

http://www.pi.titech.ac.jp/index-e.html

The P&I Lab seeks to innovate through the synthesis of precision engineering and information science. It was founded in 1954 by combining the Research Laboratories of Precision Machinery and the Research Laboratory of Electrical Science. It is an interdisciplinary research organization with faculty members in information science, electronics, machinery and materials, focused on contributing to the progress of society by exploring synergies between existing fields and pioneering new ones.

Research Fields

Advanced Information Processing (Intelligent Information Processing, Information Processing and Recognition, Human Interface), Advanced Microdevices (Electron Devices, Optical Devices, Applied Acoustic Devices), Precision Machine Devices (Ultrafine Machining, Precision Machine Elements, Integrated Mechanisms), Advanced Mechanical Systems (System Control, Dynamic Systems, Intelligent Systems), Advanced Materials (Materials Design, Mechanics and Engineering Design, Advanced Materials Evaluation), Intellectual Property Utilization System**

Photonics Integration System Research Center

http://vcsel-www.pi.titech.ac.jp/index-e.html

Basic Research on Devices and Systems Toward Ultrahigh Speed Lightwave Communications and Ultraparallels Opto-Electronics

Secure Device Research Center

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

Materials Research Center for Element Strategy (MCES)

The center was established on August 1, 2012 as the organization to strongly facilitate innovative materials research for a sustainable society through cross-disciplinary efforts.

Materials and Structures Laboratory

http://www.msl.titech.ac.jp/eng/index-e.html

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

Research Fields

Novel Functional Ceramics (Super Functional Thin Films, Oxide Nano-Technology, Quantum Functional Materials, Combinatorial Materials Science and Technology, Sugar Catalyst), Basic Researches (Thermal Analysis, Crystal Structure Analysis, Electronic Analysis, Superstructure Analysis, Materials Dynamics, Materials for Ultimate Environment), Structural Engineering for Buildings (Materials for Disaster Prevention, Structural Design, Materials for Buildings), Chemical Design**, Numerical Simulation of Impact Phenomena**, Seismic Isolation**

Secure Materials Research Center

http://www.msl.titech.ac.jp/~secure/index.html

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

Research Laboratory for Nuclear Reactors

http://www.nr.titech.ac.jp/WelcomeE.html

Founded in 1956, the Research Laboratory for Nuclear Reactors (RLNR) researches the scientific principles and applications of nuclear engineering. Although relatively small in scale, the laboratory continues to achieve outstanding research results in nuclear energy and radiation utilization. It plays an important role in both research and the development of human resources in related fields.

Research Fields

Energy Engineering (High Density Energy Generation, High-Temperature Thermal-Energy, Energy Conversion, Thermo-Hydrodynamics of Functional Fluids, Environmental Energy Engineering**) Mass Transmutation Engineering (Particle Beam Energy, Fuel Cycle, Transmutation, Mass Separation, Geological Disposal Engineering**) System and Safety Engineering (Ultra-Rapid Energy Phenomena, Energy-System Materials, System Safety, System Design, Treatment Engineering for Nuclear Waste**)

International Nuclear Research Cooperation Center

Promotion of International Nuclear Research Cooperation for Peaceful Use of Nuclear Energy and Non-Proliferation

Imaging Science and Engineering Laboratory

http://www.isl.titech.ac.jp/english/

How is information quantified in physical forms (photons, charges, spins, etc.) and transmitted ubiquitously to human beings? The projection of physically-coded information in the spatial areas perceived by human beings gives rise to the concept of information imaging. The pursuit of such imaging is critical for both fundamental understanding in the sciences and for subjective use. Faculty members from physics, chemistry, electrical engineering, and information science collaborate on research and activities.

Section of Research

•Image recording •Image analysis •Imaging system •Applied Imaging •Intelligent system
•E-Government System-Care Engineering by NTT-DATA Corporation

Note: * Donated Division
** Conducted in alliance with visiting professors and their collaborative research groups.

Solutions Research Laboratory

http://www.ssr.titech.ac.jp

The Solutions Research Laboratory addresses social and industrial issues. It works on them in cooperation with members from both Tokyo Institute of Technology and external organizations.

Research Centers

International Research Center of Advanced Energy Systems for Sustainability and the Advanced Research Center for Social Information Science and Technology

Projects

Nuclear Fuel Cycle, Green ICE Initiative, Neuro-Rehabilitation, Bio-Mass Chemical Resources and Clean Environment, etc.

Frontier Research Center

http://www.fcrc.titech.ac.jp/index.html

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

INSTITUTE, LABORATORIES, AND CENTERS

RESEARCH AND SERVICE CENTERS

As of May 1, 2012

Health Service Center

http://www.gakumu.titech.ac.jp/gakuseiplen/health/center/english

Main Activities

Provides comprehensive health care services for students and staff, promoting physical and mental well-being of all at Tokyo Institute Technology and maintaining environmental hygiene on the campuses.

Global Scientific Information and Computing Center (GSIC)

http://www.gsic.titech.ac.jp/en

Main Activities

The roles of GSIC are threefold. It is one of the leading supercomputing centers in Japan, conducting research on advanced High-Performance Computing as well as facilitating one of the fastest supercomputers in the world in the series of TSUBAME supercomputers, which was ranked No.4 in the world in 2010, and is part of the Japanese national HPCI (High-Performance Computing Infrastructure). Secondly, it serves as a centerpiece of Tokyo Institute Technology's IT infrastructures for education, research and administration, including the campus-wide network SuperTITANET, institutional AAA system, cloud hosting and storage services, and SW license management. Last but not least it leads Tokyo Institute Technology's efforts to utilize advanced IT for international collaborations with leading institutions in the world.

Research Center for Educational Facilities

http://www.rcfef.gh4.titech.ac.jp/center/index.htm

Main Activities

Researches the planning, design, and management of educational, cultural, academic, and sport facilities. Aims to improve their quality, providing all user groups with larger utility "while serving" life-long learning in the community.

Volcanic Fluid Research Center

http://www.ksvo.titech.ac.jp/~eng/index.html

Main Activities

Performs research on volcanology and observes Kusatsu-Shirane and other active volcanoes. The Center also provides field studies on volcanology for students.

International Student Center

http://www.ryu.titech.ac.jp/english

Main Activities

Offers courses on Japanese language and culture, consultation services to students, and promotes and supports the study abroad of Japanese students. In addition, it also conducts research and surveys in order to make its programs more effective and meaningful.

Quantum Nanoelectronics Research Center

http://www.pe.titech.ac.jp/qnerc/index.shtml

Main Activities

Conducts research on photonic and electronic devices, opto-electronic devices using nanotechnology, quantum effects, development and processing of crystal-growing technologies, physics in quantum effect devices, and the design of integrated systems.

Foreign Language Research and Teaching Center

http://www.flc.titech.ac.jp/index_e.html

Main Activities

Runs the foreign language courses at the university and conducts basic and applied research on linguistic theories, while exploring new methods of teaching foreign languages. Also acts as a medium for cross-cultural development on campus.

Center for Biological Resources and Informatics

http://www.grc.bio.titech.ac.jp/english

Main Activities

Center consists of the research and support divisions. The research division is mainly involved in bioinformatics research on proteins, genomes and RNA. The support division provides research facilities and basic training programs for gene manipulation and animal care and use.

Center for Liberal Arts

Main Activities

The Center for Liberal Arts was established with the view of further improving the curricula in the humanities for common undergraduate subjects and for promoting liberal arts. In recruiting faculty members, Tokyo Institute Technology broadly employs academics with intelligence of the times, whose lectures and seminars deeply impress students.

Radiation Research and Management Center

Main Activities

The Radiation Research and Management Center supports research utilizing radioactive isotopes and X-Ray generators and/or accelerators, which can be conducted at on-site experimental facilities in radiation controlled areas. The center is a key organization at Tokyo Institute Technology for providing radiation safety management and radiation-related education and training.

Global Edge Institute

http://www.global-edge.titech.ac.jp

As of May 1, 2012

This institute was founded in 2006 as a tenure-track and mentoring system. Excellent young researchers from all over the world are trained in an English-language environment, with the aim of realizing their independent research and creating an outstanding international research community. These junior faculty members are provided with start-up funds for the first two years before working towards the acquisition of competitive funds by the third. An annual evaluation leads to a final assessment in the fifth year, which determines tenure, with either associate or full professorship.

Productive Leader Incubation Platform

As of May 1, 2012

Our mission is to help diversify the careers of young post-doctoral researchers. To this end we encourage them to look at careers beyond academia, in the broader world of industry and new ventures. The Productive Leader Incubation Platform (PLIP) aims to equip its students with real-world skills: the ability to see beyond their fields to the global stage, to set flexible goals, to create value from research seeds, and to convincingly convey their thoughts or set up effective research teams. Interactions with industry also abound: the "Fusion Project" offers a chance for students to present their research to R&D and HR professionals and the "On Campus Training" program invites experts to give presentations on the state of the industry or share their experiences on how to turn ideas and research into business. Finally company visits facilitated through the "Innovation Tour" give researchers hands-on experience and the chance to network with industry researchers, while the "Value Creating Internship" allows students to work for at least three months in one of many participating companies.

Center for the Study of World Civilizations

http://www.cswc.jp/index_eng.php

As of May 1, 2012

What do we need in order to connect science and the happiness of people? We need to learn from the wisdom of our predecessors, who served as the backbone of various civilizations and to gain deep insights into the nature of humanity. The Center for the Study of World Civilizations was founded in 2006 to research and study these issues. The Center comprises two academies: the Academy of the Humanities and the Academy of the Arts. Through a wide range of events, such as classes, lectures and seminars, the Academy of the Humanities shares with students, faculty and staff members,and the public, its research on the formation of values and ideas which are the essence of human civilizations. The Academy of the Arts aims to promote sensitivity and imagination that is capable of fostering the growth of civilizations through a wide range of creative activities. The Center has a mission which looks far into the future, setting the direction that modern civilizations should take by making proposals for both the Institute and the world at large.

Career Advancement Professional School

As of may 1, 2012

In order to proactively explore the connection between society and science-and-technology-based policy recommendations, the Career Advancement Professional School aims to develop original continued education from the perspective of enhancing contributions to and cooperation with the community. It provides continuing-education programs in the fields of science and technology not only to pursue advanced technology, at which Tokyo Institute of Technology has always excelled, but also to broaden people's knowledge, as well as accommodate industry's needs for advanced techniques.

Technical Department

As of may 1, 2012

With the increasing sophistication required for carrying out research, providing a specialized and expert support staff to research students at Tokyo Institute of Technology has become a necessity. To accomplish this, the Technical Department consolidates technical staff at the university level and ensures specialized staff are available in specific technological areas to provide effective professional service and instruction to researchers. The Department is comprised of ten technical centers, and contributes to the development of Tokyo Institute of Technology.

Energy Conservation Promotion Office

As of May 1, 2012

The objective of the Office is to raise awareness about the need to reduce energy consumption and to encourage faculty, staff and students to engage in energy conservation together. The Energy Conservation Promotion Office plans and implements a set of measures for energy conservation while coordinating and communicating with all parties and collecting information to maximize energy savings at Tokyo Institute of Technology.

Gender Equality Center

As of May 1, 2012

The Gender Equality Center at Tokyo Institute of Technology works to support university members in the creation of an environment of mutual respect in which male and female students and staff can express their full potential. Actions are implemented according to "Tokyo Tech's Policy to Promote Gender Equality" and the "Basic Guidelines for Promoting Gender Equality." Measures include a support program of baby sitters for all faculty and staff members as well as for students, and the hiring of assistants or adjunct instructors to help with research and teaching to provide relief for those with child and elder-care needs. The Center also organizes various events to encourage girls to take up science and engineering studies as well as encourage young female researchers to continue to pursue their research in science and technology.

The Research Project Support Center

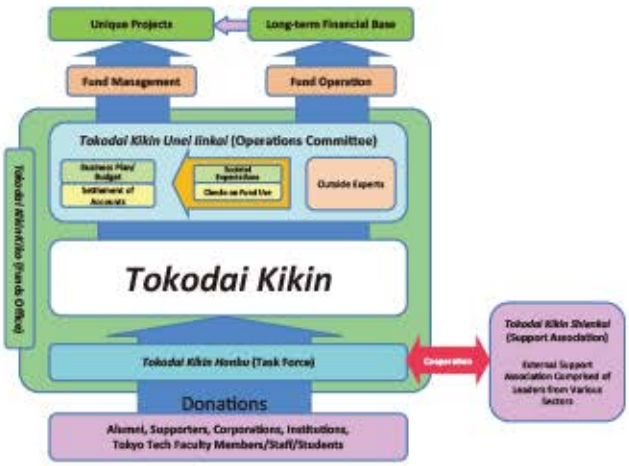
As of April 1, 2012

The Center was established as a university-wide organization for the purpose of systematically promoting and running projects based on the research philosophy and research strategy of Tokyo Institute of Technology. The Center has a framework that strategically incorporates its multiple functions, which include project planning, acquisition of research funds, implementation and operations, evaluation, exploitation of research outcomes, social cooperation and PR strategy among others. Through the Center's "Research Support Office," it provides a "Research Support Request" service for meeting the needs of all researchers. The service provides project support at many levels.

Tokyo Institute of Technology Fund (Tokodai Kikin)

Tokodai Kikin was created in December 2008 as one of the initiatives to commemorate the 130th anniversary of Tokyo Institute of Technology. Its aim is to strengthen the long-term financial base of Tokyo Institute of Technology in support of its efforts to become one of the top science and engineering universities in the world. *Tokodai Kikin's* activities center on three core operations of the Institute: education, research and contributions to society. Among *Tokodai Kikin's* activities, it covers operational costs for several of Tokyo Tech's unique projects.

The Funds Office (*Tokodai Kikin Kikō*) is responsible for the management and operation of the funds. The Funds Office is comprised of two organizations: the Task Force (*Tokodai Kikin Bokin Honbu*) and the Operations Committee (*Tokodai Kikin Unei Iinkai*). The Task Force raises money in cooperation with a support association (*Tokodai Kikin Shienkai*), which was established by graduates of Tokyo Institute of Technology who from the core of the association. The Operations Committee makes decisions on the use of the fund. The management and operation of the funds, from the planning stages to the realization of its activities, is administered by the Operations Committee, which is composed of members from Tokyo Institute of Technology and private-sector experts, in a transparent way that reflects societal expectations and requests. Frequent checks and public announcements about the fund's operations and results contribute to its good standing in the wider community.



Engaging with the local community via science
Tokyo Institute of Technology collaborates
with Shimizukubo Elementary School on science projects

First Homecoming Day was a great success

INSTITUTE, LABORATORIES, AND CENTERS

J2 and J3 Buildings: Joint Lab/Office Building and University-Industry Cooperation Tower

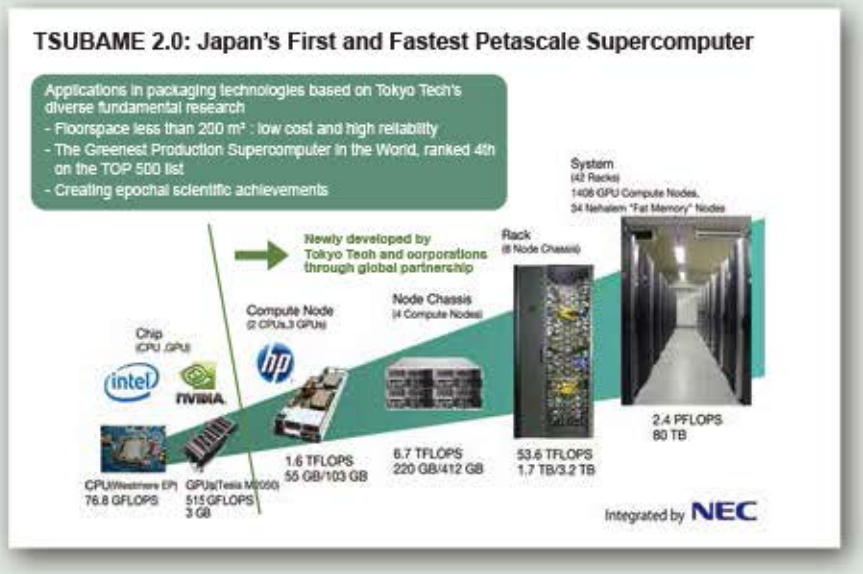
The J2 Building, home to experimental laboratories and offices, and the J3 Building, the University-Industry Cooperation Tower, located at Suzukakedai Campus provide a comprehensive research space where high-level experiments and research are conducted in several fields.

The recently constructed J3 Building has: a base-isolated structure integrated with that of the J2 Building, which dampens seismic vibrations in the event of an earthquake; universal design features making it accessible to all; and, an emergency shower system creating a safe and secure environment for education and research. With the establishment of the *Tokyo Tech J3 Rental Laboratories Project* and new initiatives to encourage collaboration with industry, it is expected that many exciting developments and contributions to the global community will be forthcoming from the Suzukakedai Campus.

Green Hills Building 1 (Environmental Energy Innovation Building)

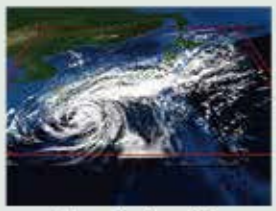
Green Hills Building 1 at the Ookayama Campus emits 60% less carbon dioxide than most buildings and is nearly self-sufficient at producing the energy it consumes, making it unparalleled in the world. The installation of high-efficiency equipment produces significant energy savings. One of the research building's unique features is its 'solar envelope,' a sloping steel framework covered with high-density solar panels enveloping the building's south, west and top sides. The 'solar envelope' maximizes the space available for photovoltaic power generation. The panels coupled with another feature, a renewable-/fossil-fuel composite distributed-model-type power generation fuel cell, contribute to the building's energy self-sufficiency. Additionally, the structure of Green Hills Bldg. 1 has a special seismic-energy absorbing brace or 'basket' built into its peripheral walls that is designed to withstand a large-scale earthquake. Finally, the graceful architecture of the building harmoniously blends in with the surrounding urban space.

TSUBAME 1.0 Evolves into TSUBAME 2.0



160 teraflops (TSUBAME1.2)
→
2,400 teraflops (TSUBAME2.0)

- 17,664 CPUs +4,224 GPUs
- Memory Total: 80TB
- 7PB HDD
- 81 racks
- 335 m² floor area
- Maximum power consumption: 1.4 MW
- Weight: approximately 72 tons

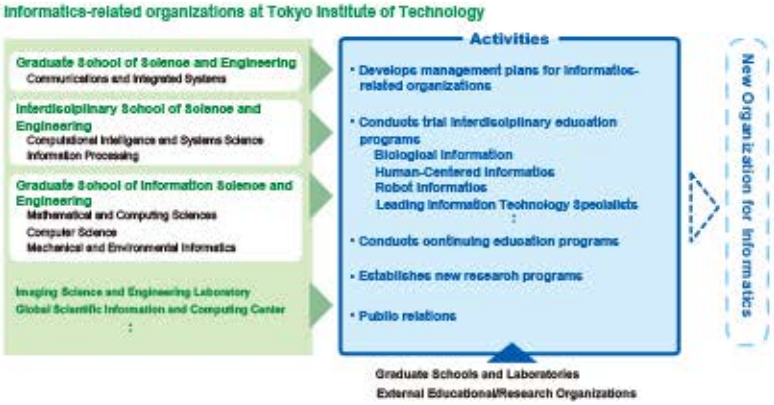


Atmospheric model calculation example

November 2011, TSUBAME2.0 ranked 4th on the TOP 500 list and named Greenest Production Supercomputer in the World

Inter-Departmental Organization for Informatics

The Organization promotes education based on solutions to complex and varied research challenges in informatics through cooperation among different faculty members from a variety of departments.



Inter-Departmental Organization for Environment and Energy

Two hundred and thirty faculty members in the fields of environment and energy gathered to form the Inter-Departmental Organization for Environment and Energy. The purpose of the organization is to foster, through interdisciplinary cooperation within Tokyo Institute of Technology, groundbreaking innovative developments in environment- and energy-related technologies. By fusing and restructuring the traditional separation of disciplines, the organization will be able to utilize human resources and specialized knowledge in new ways, contributing to the resolution of future environmental and energy issues.

Organization for Life Design and Engineering

As of July 1, 2012

The Organization for Life Design and Engineering enjoys the support of faculty members from all research fields at Tokyo Institute of Technology. It has established three broad research groupings: medical technology, health technology and secure technology. The organization's activities include:

- the establishment of an information network between faculties and a researcher platform for new research development based on a fusion of diverse ideas
- the organization of on- and off-campus seminars, workshops, and symposia for information exchange and R&D trend spotting related to life innovations
- the promotion of collaborative research by boosting cooperation with medical institutions and external research organizations
- the implementation of cross-sectional education programs for life innovation by frequently organizing university-industry fora and regional technological seminars
- the fostering of experts who can inspire R&D and spearhead necessary innovations to deal with an aging society and a falling birthrate

INSTITUTE, LABORATORIES, AND CENTERS

Academy for Global Leadership: AGL

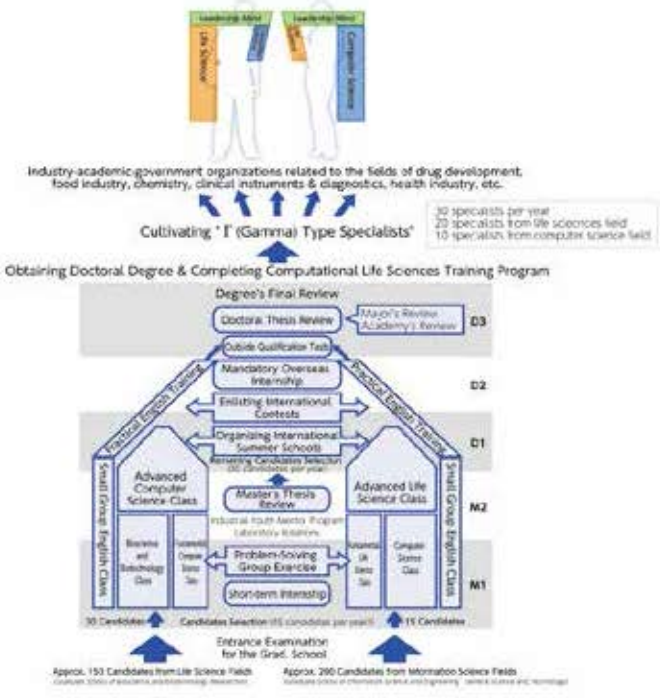
The Academy for Global Leadership cultivates the abilities of selected PhD candidates to become top leaders who can effectively take the initiative in business, economics, politics, or academia throughout the world. Under the AGL program, linguistically and personally diverse scholars from multiple academic disciplines work collaboratively in their assigned Dojo to complete a unified project. Within this cooperative educational style, participants hone the skills necessary to become global leaders, such as cooperative engagement, creative problem-solving, open-mindedness and international awareness. This integrated doctoral education program is closely connected to the research and education conducted in Tokyo Institute of Technology's existing graduate schools under which the highest educational levels are attained.

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

ACEEES has expertise in the fields of environment and energy research and aims to nurture human resources that will lead the 2S (Safety, Sustainability)×3E (Energy, Economy, Environment) Era. It fosters global leaders who are equipped with a bird's-eye perspective, allowing them to quickly and accurately perceive resolutions to issues and lead the way with new innovations.

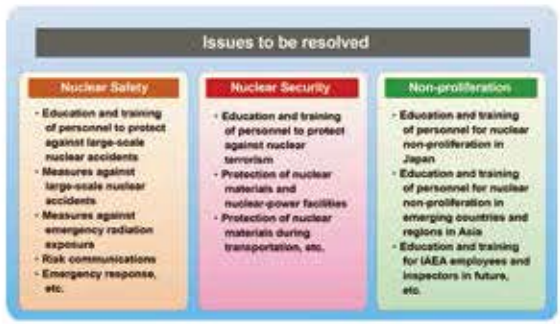
Education Academy of Computational Life Sciences: ACLS

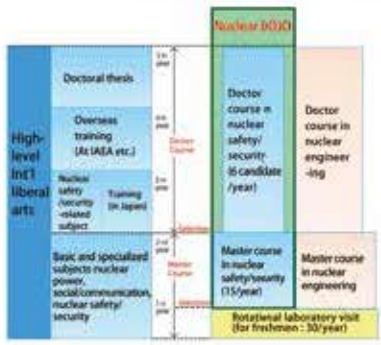
The Academy aims to train potential leaders in the disciplines of computer science and the life sciences, through a five-year combined master's and doctoral training course. Graduates will be prepared to play an active international role in multiple fields. We produce "Γ-(gamma-) type specialists" who have a deep practical knowledge in their specialty area along with relevant knowledge and experience in their secondary area.



Academy for Global Nuclear Safety and Security Agent

The Academy for Global Nuclear Safety and Security Agent has the important role of developing human resources who are prepared to lead as international specialists in high-level negotiations in industry, academia and international societies in the fields of nuclear safety and security. Topics include the proliferation of nuclear materials, nuclear terrorism, large-scale nuclear disasters and emergency radiation exposure, among others.





INSTITUTE LIBRARIES, TOKYO TECH HIGH SCHOOL OF SCIENCE AND TECHNOLOGY, AND ACCOMMODATIONS

Institute Libraries (Ookayama Library and Suzukakedai Library)

http://www.libra.titech.ac.jp/welcome_e.php

Boasting the foremost collection in Japan of science and technology journals, the Institute Libraries have served as one of the government-appointed National Centers for Overseas Periodicals in these fields since 1977. The libraries annually collect a great number of international journals, e-journals and conference proceedings, while supporting and facilitating the research of users both on and off campus. The library website provides the ability to search multiple databases, and since 2007 the Tokyo Tech Research Repository (T2R2) has been aggregating all the education and research activities of the Institute in a unified system of data storage, management and dissemination. The new library building opened at Ookayama Campus in July 2011.

New Library (2011)

Museum, Tokyo Institute of Technology

http://www.cent.titech.ac.jp

Opened in 1987, the Centennial Hall was reorganized in 2011 as the Museum to convey Tokyo Institute of Technology's achievements to the wider community. The Museum collects and preserves the highlights of Tokyo Institute of Technology's activities since the time of its founding 130 years ago, as well as 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 to utilize them. It welcomes the public to its permanent and temporary exhibitions. The museum's collection is displayed at two locations: in the Centennial Hall at Ookayama Campus and in the Frontier Research Center's exhibition space at Suzukakedai Campus.

Tokyo Tech High School of Science and Technology

As of May 1,2012

http://www.hst.titech.ac.jp/english

About 2% of high schools in Japan are specially supported by the government to promote high standards in science education. Tokyo Institute of Technology's High School of Science and Technology has been officially designated as an SSH (Super Science High School) since 2002, which means that a focus on science and technology is present at all levels of learning, in order to better prepare the students for university and science careers. Indeed a few select students smoothly move on to Tokyo Institute of Technology each year, enjoying the continuity of science education they have been especially prepared for.

	High School of Science and Technology				
	Admission	Enrollment			
		1st year	2nd year	3rd year	Total
Department of Science and Technology	200	196(40)			196(40)
Applied Chemistry Course			41(13)	40(9)	81(22)
Information Systems Course			40(3)	40(1)	80(4)
Mechanical Systems Engineering Course			41(4)	41(3)	82(7)
Electrical and Electronics Course			41(3)	40(7)	81(10)
Architectural Design Course			36(9)	36(9)	72(18)
Total	200	196(40)	199(32)	197(29)	592(101)

Note: Figures given in parentheses represent the number of female students.

International House and other Accommodations

Tokyo Institute of Technology offers designated accommodation for students and researchers, providing easy access to each of the three campuses.

International House
Located at the south end of Ookayama campus, International House provides researchers from overseas with an apartment to live, supporting residents in their daily lives in Japan.

Umegaoka Dormitory
Accomodation for international students, located in Aoba-ku, Yokohama. It is within walking distance from Fujigaoka Station on the Tokyu-Den'entoshi Line.

Shofu Dormitory
Another dormitory for international students, also located in Aoba-ku, Yokohama. The nearest station is Aobadai on the Tokyu Den'entoshi Line.

Senzokuike International House
A women's dorm for both international and domestic students. Women researchers may also be accommodated. It is located within a 15-minute walk from the Ookayama campus.

Shofu Gakusha (Dorm)
A dormitory for domestic male students, located next to Shofu Dormitory.

Tokyo Tech Nagatsuta House
A dormitory for international and domestic students, located in Midori-ku, Yokohama. The nearest station is Nagatsuta on the Tokyu Den'entishi Line.

Tokyo Tech Aobadai House
A men's dorm for both international and domestic students. Male researchers may also be accommodated. It is located inside Shofu Gakusha.

Minamitsukushino House
A dormitory for international and domestic students, researchers' families may also be accommodated. It is located within a 5-minute walk from Suzukakedai Station.

Suzukakedai House
A dormitory for international and domestic students and researchers. It is located within walking distance from Suzukakedai Station on the Tokyu -Den'entoshi Line.

Tokyo International Exchange Center
A dormitory for international students and researchers, located in Odaiba, Koto-ku. It is located within a 3-minute walk from Fune-no-Kagakukan Station on the New Transit Yurikamome Line.

Komaba International House
A dormitory for international students, located in Meguro-ku, Tokyo. It is located within a 5-minute walk from Komaba-Todaimae Station on the Tokyu Inokashira Line.

House	Resident	Type of Accommodation	Number of Rooms	Area (m²)
International House	International Researchers	Family	12	56
		Couple	15	39
		Single	73	18
Umegaoka Dormitory	International Students	2 persons	10	40
		Single	50	12.5
Shofu Dormitory	International Students	2 persons	5	40
		Single	46	12.5-13.75
Senzokuike International House	International and Domestic Students and Researchers (Women only)	2 persons	48	14.49-17.76
		Single	6	17.76
Shofu Gakusha	Domestic Male Students	Single	144	13
Tokyo Tech Nagatsuta House	International and Domestic Students	Single	124	7
Tokyo Tech Aobadai House	International and Domestic Students and Researchers (Men only)	Single	16	13
Minami-tsukushino House	International and Domestic Students and Researchers	Family	2	55.7
		Single	30	18
Suzukakedai House	International and Domestic Students and Researchers	Single	45	18
Tokyo International Exchange House	International Students and Researchers	Single	18	30
Komaba International House	International Students	Single	70	15.08

STAFF/STUDENT NUMBERS

Number of Staff

As of May 1, 2012

	The Board				Research and Teaching Staff								Office and Technical Staff				Total
	President	Executive Vice President	Auditor	Sub Total	Professor	Associate Professor	Lecturer	Assistant Professor	Research Associate	High School Teacher	High School Assistant	Sub Total	Administrative Staff	Technical Staff	Other	Sub Total	
The Board	1	4	2	7													7
Graduate School: Science and Engineering (Science)					50	39		61	2			152					152
Graduate School: Science and Engineering (Engineering)					109	103		110	1			323					323
Graduate School: Bioscience and Biotechnology					27	17	4	37	2			87					87
Graduate School: Interdisciplinary Graduate School of Science and Engineering					48	41	6	36	2			133					133
Graduate School: Information Science and **Engineering**					23	25	3	18				69					69
Graduate School: Decision Science and Technology					29	23		23				75					75
Graduate School: Innovation Management					9	4		1				14					14
Chemical Resources Laboratory					8	11	2	19				40					40
Precision and Intelligence Laboratory					14	13		18				45					45
Materials and Structures Laboratory					11	13		10				34					34
Research Laboratory for Nuclear Reactors					10	9		12				31					31
Imaging Science and Engineering Laboratory					6	3		3				12					12
Frontier Research Center					4							4					4
Solutions Research Laboratory					4	1						5					5
Research and Service Centers					33	26	3	11	1			74			4	4	78
High School of Science and Technology										43	6	49					49
Administration Bureau													474		2	476	476
Technical Department														88		88	88
Total	1	4	2	7	385	328	18	359	8	43	6	1,147	474	88	6	568	1,722

Project-Based/Adjunct Staff

As of March 31, 2012

			Professor	Associate Professor	Lecturer	Assistant Professor	Other	Total	Visiting Professor	Visiting Associate Professor	Total
Instructors (including professors)	223	→	103	46	4	49	20	222		1	1
Researchers (including research professors)	275	→	9	5		23	238	275			
Lecturers	205	→					8	8	147	50	197
Education/Research Assistants	48										
Clerical Staff (fixed-term)	258										
Technical Staff (fixed-term)	87										
Research Associates on Projects	21										
Assistants (short-term)	520	→					520	520			
Total	1,637	Total	112	51	4	72	1,200	1,439	147	51	198

Research Staff in FY2011

	Researchers from Industrial Firms (Sponsored Research)	Researchers from Industrial Firms (Collaborative Research)	Trainees from Private Universities and Others	Project Researchers	JSPS Fellows (Japan Society for the Promotion of Science)				Total
					PD	DC2	DC1	Total	
Graduate School of Science and Engineering (Science)		5			18	20	13	51	56
Graduate School of Science and Engineering (Engineering)	20	21			12	13	23	48	89
Graduate School of Bioscience and Biotechnology	1				5	7	5	17	18
Interdisciplinary Graduate School of Science and Engineering	1	14			10	15	24	49	64
Graduate School of Information Science and Engineering		6			3	4	5	12	18
Graduate School of Decision Science and Technology			2		5	2	2	9	11
Graduate School of Innovation Management								0	0
Chemical Resources Laboratory	1	13			2			2	16
Precision and Intelligence Laboratory	1	4			3			3	8
Materials and Structures Laboratory	1	1			1			1	3
Research Laboratory for Nuclear Reactors		2						0	2
Imaging Science and Engineering Laboratory					1			1	1
Frontier Research Center	3	9			1			1	13
Solutions Research Laboratory		3						0	3
Global Scientific Information and Computing Center					1			1	1
Center for Biological Resources and Informatics								0	0
Quantum Nanoelectronics Research Center								0	0
Research Project on Nanofiber Technology								0	0
Innovative Research Initatives	2	2						0	4
Total	30	80	2	0	62	61	72	195	307

Visiting Researchers in FY2011

Affiliation	
Graduate School of Science and Engineering (Science)	10
Graduate School of Science and Engineering (Engineering)	33
Graduate School of Bioscience and Biotechnology	3
Interdisciplinary Graduate School of Science and Engineering	39
Graduate School of Information Science and Engineering	13
Graduate School of Decision Science and Technology	9
Chemical Resources Laboratory	3
Materials and Structures Laboratory	3
Research Laboratory for Nuclear Reactors	9
Imaging Science and Engineering Laboratory	1
Frontier Research Center	12
Center for Research and Development of Educational Technology	1
Total	136

	Countries	
Asia	China	26
	Korea	13
	India	12
	Thailand	8
	Indonesia	6
	Vietnam	3
	Singapore	3
	Japan	2
	Myanmar	2
	Cambodia	2
	Philippines	1
	Bangladesh	1
	Mongolia	1
	Nepal	1
	Laos	1
	Pakistan	1

	Countries	
North America	U.S.A.	6
	Canada	3
Central and South America	Mexico	1
	Argentina	1
	Peru	1
Europe	Germany	6
	United Kingdom	3
	Italy	3
	Czech Republic	3
	Denmark	3
	Russia	3
	Spain	2
	France	2
	Finland	2
	Greece	2
	Bulgaria	1

	Countries	
Europe	Uzbekistan	1
	Portugal	1
	Netherlands	1
	Kazakhstan	1
	Ireland	1
	Slovakia	1
	Norway	1
Oceania	Australia	1
Middle-East	Iran	2
	Turkey	1
Total (42 Countries)		136

STAFF/STUDENT NUMBERS

Undergraduate Students

As of May 1, 2012

	Department	Admissions Quotas	Enrollment										Grand Total
			1st-year		2nd-year		3rd-year		4th-year		Total		
			M	F	M	F	M	F	M	F	M	F	
School of Science	Total	185	195(3)	14(1)	175(4)	17(0)	183(5)	15(2)	247(3)	29(2)	800(15)	75(5)	875(20)
	Mathematics	25			27(2)	0(0)	25(1)	3(1)	44(1)	3(0)	96(4)	6(1)	102(5)
	Physics	54			56(1)	6(0)	62(2)	3(0)	70(2)	6(1)	188(5)	15(1)	203(6)
	Chemistry	37			35(1)	8(0)	28(1)	5(1)	42(0)	8(0)	105(2)	21(1)	126(3)
	Information Science	34			33(0)	1(0)	40(1)	1(0)	46(0)	3(1)	119(1)	5(1)	124(2)
	Earth and Planetary Sciences	35			24(0)	2(0)	28(0)	3(0)	45(0)	9(0)	97(0)	14(0)	111(0)
	1st-year		195(3)	14(1)							195(3)	14(1)	209(4)
School of Engineering	Total	733	711(24)	78(4)	683(27)	83(5)	697(26)	86(12)	873(45)	77(14)	2,964(122)	324(35)	3,288(157)
	Metallurgical Engineering	33	81*2	12*2	34(1)	7(0)	32(2)	6(1)	35(0)	1(0)	101(3)	14(1)	115(4)
	Organic and Polymeric Materials	20			21(1)	1(0)	22(0)	2(0)	23(2)	4(1)	66(3)	7(1)	73(4)
	Inorganic Materials	30			25(0)	4(0)	33(0)	4(0)	36(0)	2(0)	94(0)	10(0)	104(0)
	Chemical Engineering	70	99*3	18*3	66(5)	9(0)	63(1)	15(5)	82(2)	9(0)	211(8)	33(5)	244(13)
	Polymer Chemistry	30			31(0)	5(0)	33(1)	3(1)	28(0)	5(0)	92(1)	13(1)	105(2)
	Mechanical Engineering and Science	52	220*4	15*4	50(2)	4(0)	47(0)	7(1)	60(3)	6(2)	157(5)	17(3)	174(8)
	Mechanical and Intelligent Systems Engineering	40			32(1)	3(0)	43(3)	1(0)	48(1)	1(0)	123(5)	5(0)	128(5)
	Mechano-Aerospace Engineering	40			46(0)	1(0)	37(0)	1(0)	48(1)	3(0)	131(1)	5(0)	136(1)
	Control and Systems Engineering	43			50(3)	3(0)	46(3)	5(2)	54(4)	1(1)	150(10)	9(3)	159(13)
	Industrial and Systems Engineering	36			31(0)	4(1)	35(0)	6(0)	44(1)	4(0)	110(1)	14(1)	124(2)
	International Development Engineering (former)				0(0)	0(0)	0(0)	0(0)	3(1)	1(1)	3(1)	1(1)	4(2)
	International Development Engineering	40			20(5)	4(2)	28(10)	2(2)	36(7)	8(8)	84(22)	14(12)	98(34)
	Electrical and Electronic Engineering	82	229*5	11*5	88(5)	4(0)	100(4)	1(0)	107(9)	6(1)	295(18)	11(1)	306(19)
	Computer Science	102			86(3)	7(1)	87(1)	8(0)	148(11)	2(0)	321(15)	17(1)	338(16)
	Civil Engineering (former)		82*6	22*6	0(0)	0(0)	0(0)	0(0)	2(1)	0(0)	2(1)	0(0)	2(1)
	Civil and Environmental Engineering	34			29(0)	4(0)	28(0)	2(0)	37(2)	6(0)	94(2)	12(0)	106(2)
	Architecture and Building Engineering	45			37(1)	16(0)	36(1)	13(0)	45(0)	14(0)	118(2)	43(0)	161(2)
	Social Engineering	36			37(0)	7(1)	27(0)	10(0)	37(0)	4(0)	101(0)	21(1)	122(1)
	1st-year	20*1	711(24)	78(4)							711(24)	78(4)	789(28)
School of Bioscience and Biotechnology	Total	150	133(0)	29(1)	112(1)	36(1)	128(1)	26(2)	146(2)	30(2)	519(4)	121(6)	640(10)
	Bioscience	75			54(0)	7(0)	62(1)	7(0)	75(1)	12(1)	191(2)	26(1)	217(3)
	Biotechnology	75			58(1)	29(1)	66(0)	19(2)	71(1)	18(1)	195(2)	66(5)	261(7)
	1st-year	10*1	133(0)	29(1)							133(0)	29(0)	162(0)
Grand Total		1,068	1,039(27)	121(6)	970(32)	136(6)	1,008(32)	127(16)	1,266(50)	136(18)	4,283(141)	520(46)	4,803(187)

Note: 1) An asterisk * represents the number of transfer students moving into the 3rd-year.
2) Figures given in parentheses represent the number of international students.

	School of Science		School of Engineering										School of Bioscience and Biotechnology	
	Group 1		Group 2		Group 3		Group 4		Group 5		Group 6		Group 7	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1st-year	195	14	81	12	99	18	220	15	229	11	82	22	133	29

Note: Regarding the relationship between the groups and the departments, please refer to page 29.

Research Students

As of May 1, 2012

	Graduate School of Science and Engineering (Science)	Graduate School of Science and Engineering (Engineering)	Graduate School of Bioscience and Biotechnology	Interdisciplinary Graduate School of Science and Engineering	Graduate School of Information Science and Engineering	Graduate School of Decision Science and Technology	Graduate School of Innovation Management	Chemical Resources Laboratory	Precision and Intelligence Laboratory	Materials and Structures Laboratory	Research Laboratory for Nuclear Reactors	Other Research Centers	Total
Japanese Students	2	11	3	6	2	1	0	1	2	1	0	1	30
International Students	2	20	3	8	6	10	0	0	6	1	2	6	64
Total	4	31	6	14	8	11	0	1	8	2	2	7	94

Graduate Students

As of May 1, 2012

	Department	Master's Course							Master's Course Total	Doctoral Course									Doctoral Course Total
		Admitted	Enrollment							Admitted	Enrollment								
			1st-year		2nd-year		Total				1st-year		2nd-year		3rd-year		Total		
			M	F	M	F	M	F			M	F	M	F	M	F	M	F	
Graduate School of Science and Engineering	Total	664	645(58)	91(25)	695(63)	112(33)	1,340(121)	203(58)	1,543(179)	212	131(44)	28(18)	165(60)	22(15)	197(63)	31(21)	493(167)	81(54)	574(221)
	Mathematics	22	21	1	23	1(1)	44	2(1)	46(1)	8	5		7	1	7	2(1)	19	3(1)	22(1)
	Physics (Particle, Nuclear and Astro-Physics)	23	23	2	25	3	48	5	53	8	10		5		11(1)		26(1)	0	26(1)
	Physics (Condensed Matter Physics)	35	30		33(1)	2	63(1)	2	65(1)	12	4		9		5	1(1)	18	1(1)	19(1)
	Chemistry	41	36	5	36(2)	8(1)	72(2)	13(1)	85(3)	12	12(1)	3	15	1	22(2)	2(2)	49(3)	6(2)	55(5)
	Earth and Planetary Sciences	19	16	3	8	6	24	9	33	7	6(1)	2	10		10	4(1)	26(1)	6(1)	32(2)
	Chemistry and Materials Science	32	32(1)	6	27	10(1)	59(1)	16(1)	75(2)	10	4	1	6		6		16	1	17
	Metallurgy and Ceramics Science	43	42(3)	7(1)	51(5)	5(2)	93(8)	12(3)	105(11)	13	8(4)	2(2)	13(9)		6(4)	2(2)	27(17)	4(4)	31(21)
	Organic and Polymeric Materials	51	54(9)	9(3)	52(8)	13(4)	106(17)	22(7)	128(24)	15	14(3)	1(1)	15(4)	9(5)	15(2)	4(1)	44(9)	14(7)	58(16)
	Applied Chemistry	27	25	4(1)	22(1)	7(1)	47(1)	11(2)	58(3)	7	1		5	1(1)	7(2)		13(2)	1(1)	14(3)
	Chemical Engineering	28	27(2)	1	31(1)	5(2)	58(3)	6(2)	64(5)	9	4(2)	1(1)	4(4)	1(1)	3(3)	2(2)	11(9)	4(4)	15(13)
	Mechanical Sciences and Engineering	44	46(1)	3	54(2)	1	100(3)	4	104(3)	12	3(2)	2(1)	6(4)		5(5)	1	14(11)	3(1)	17(12)
	Mechanical and Control Engineering	52	54(7)	6(3)	62(4)	4(2)	116(11)	10(5)	126(16)	15	9(7)	1(1)	10(4)		10(4)	1(1)	29(15)	2(2)	31(17)
	Mechanical and Aerospace Engineering	29	35(4)	2	29(2)	3	64(6)	5	69(6)	9	3(1)	1(1)	5(3)	1(1)	7(3)		15(7)	2(2)	17(9)
	Electrical and Electronic Engineering	35	35	3(2)	43(8)	2(1)	78(8)	5(3)	83(11)	13	6(4)	2(2)	8(4)		7(1)	2(2)	21(9)	4(4)	25(13)
	Physical Electronics	36	38(2)	3(2)	39(8)	3(2)	77(10)	6(4)	83(14)	12	11(5)		14(7)		16(10)	3(3)	41(22)	3(3)	44(25)
	Communications and Integrated Systems	32	37(5)	2	43(8)	1	80(13)	3	83(13)	10	12(4)	1(1)	7(5)	1(1)	13(7)	2(1)	32(16)	4(3)	36(19)
	Civil Engineering	27	25(10)	7	23(2)	8(5)	48(12)	15(5)	63(17)	8	5(4)	1(1)	5(5)	1(1)	5(3)	2(2)	15(12)	4(4)	19(16)
	Architecture and Building Engineering	36	26(3)	15(4)	32(3)	22(5)	58(6)	37(9)	95(15)	11	4	1	3(2)		8(3)		15(5)	1	16(5)
	International Development Engineering	26	21(10)	11(8)	28(6)	8(6)	49(16)	19(14)	68(30)	9	3(2)	4(4)	7(5)	4(4)	21(9)	2(1)	31(16)	10(9)	41(25)
	Nuclear Engineering	26	22(1)	1(1)	34(2)		56(3)	1(1)	57(4)	12	7(4)	5(3)	11(4)	2(1)	13(4)	1(1)	31(12)	8(5)	39(17)
Graduate School of Bioscience and Biotechnology	Total	146	103(2)	39(9)	113(3)	30(7)	216(5)	69(16)	285(21)	44	30(4)	12(6)	23(6)	8(4)	44(8)	21(9)	97(18)	41(19)	138(37)
	Life Science	29	17	11(3)	27(1)	6(4)	44(1)	17(7)	61(8)	8	3	1(1)	6(1)	1(1)	9(1)	2(1)	18(2)	4(3)	22(5)
	Biological Sciences	26	12	8(2)	20(1)	7(1)	32(1)	15(3)	47(4)	9	4	2(2)	5(2)	1	12(1)	12(3)	21(3)	15(5)	36(8)
	Biological Information	31	22(2)	9(2)	21	5	43(2)	14(2)	57(4)	9	7	1	4	3(2)	10(4)	2(1)	21(4)	6(3)	27(7)
	Bioengineering	30	26	6(1)	20(1)	9	46(1)	15(1)	61(2)	7	8(3)	6(3)	4(1)	1	3	2(2)	15(4)	9(5)	24(9)
	Biomolecular Engineering	30	26	5(1)	25	3(2)	51	8(3)	59(3)	11	8(1)	2	4(2)	2(1)	10(2)	3(2)	22(5)	7(3)	29(8)
Interdisciplinary Graduate School of Science and Engineering	Total	494	466(47)	59(15)	506(36)	77(10)	972(83)	136(25)	1,108(108)	219	112(36)	28(19)	144(46)	26(17)	183(40)	44(21)	439(122)	98(57)	537(179)
	Innovative and Engineered Materials	44	42(1)	4	38(1)	12(1)	80(2)	16(1)	96(3)	22	13(2)	4(1)	14(1)	3	15(1)	2	42(4)	9(1)	51(5)
	Electronic Chemistry	48	40(6)	9(2)	47	9(1)	87(6)	18(3)	105(9)	20	12(6)	4(3)	18(7)	3(1)	12(3)	4(2)	42(16)	11(6)	53(22)
	Materials Science and Engineering	43	39(2)	4	49(3)	3	88(5)	7	95(5)	19	7(3)	1(1)	10(3)		14(2)	2(1)	31(8)	3(2)	34(10)
	Environmental Science and Technology	40	35(4)	11(4)	28(6)	12(3)	63(10)	23(7)	86(17)	26	8(3)	3(3)	11(7)	7(6)	15(7)	11(7)	34(17)	21(16)	55(33)
	Built Environment	44	39(4)	9(2)	39	17	78(4)	26(2)	104(6)	18	6(2)	4(2)	9(3)	2(1)	13	8(4)	28(5)	14(7)	42(12)
	Energy Sciences	41	42(5)	3(2)	40(3)	4	82(8)	7(2)	89(10)	17	9(2)		7(2)	2	12(4)		28(8)	2	30(8)
	Environmental Chemistry and Engineering	40	30(1)	6	43(2)	5	73(3)	11	84(3)	16	7(1)	2(1)	12(3)	5(5)	11(4)	4(2)	30(8)	11(8)	41(16)
	Electronics and Applied Physics	46	42(5)	2(1)	53(2)	1	95(7)	3(1)	98(8)	23	10(3)	2(2)	12(6)	1(1)	14(4)		36(13)	3(3)	39(16)
	Mechano-Micro Engineering (current)	31	36(5)	2	33(4)		69(9)	2	71(9)	10	4(2)	3(3)	4(2)		7(2)	1(1)	15(6)	4(4)	19(10)
	Computational Intelligence and Systems Science	76	73(7)	5(2)	77(9)	6(3)	150(16)	11(5)	161(21)	31	23(7)	3(2)	24(7)	2(2)	43(6)	8(1)	90(20)	13(5)	103(25)
	Information Processing (current)	41	48(7)	4(2)	59(6)	8(2)	107(13)	12(4)	119(17)	17	13(5)	2(1)	23(5)	1(1)	27(7)	4(3)	63(17)	7(5)	70(22)
Graduate School of Information Science and Engineering	Total	116	112(16)	12(2)	117(5)	12(1)	229(21)	24(3)	253(24)	38	21(12)	3(2)	27(14)	9(5)	32(9)	7(4)	80(35)	19(11)	99(46)
	Mathematical and Computing Sciences	31	26(2)	2	35(1)	1	61(3)	3	64(3)	10	5(2)		6(2)		11(2)	3(2)	22(6)	3(2)	25(8)
	Computer Science	45	53(11)	1(1)	40(2)	2	93(13)	3(1)	96(14)	15	8(6)	2(1)	16(10)	5(5)	15(5)	2(1)	39(21)	9(7)	48(28)
	Mechanical and Environmental Informatics	40	33(3)	9(1)	42(2)	9(1)	75(5)	18(2)	93(7)	13	8(4)	1(1)	5(2)	4	6(2)	2(1)	19(8)	7(2)	26(10)
Graduate School of Decision Science and Technology	Total	124	100(11)	24(9)	117(10)	29(9)	217(21)	53(18)	270(39)	44	22(5)	13(5)	27(6)	9(6)	45(8)	34(11)	94(19)	56(22)	150(41)
	Human System Science	27	18(2)	5(3)	20(2)	10(5)	38(4)	15(8)	53(12)	11	4(1)	4(2)	5(2)	5(4)	7(1)	8(1)	16(4)	17(7)	33(11)
	Value and Decision Science	26	18(3)	7(4)	18(2)	7(3)	36(5)	14(7)	50(12)	9	7	4	11(2)	1	11(2)	7(1)	29(4)	12(1)	41(5)
	Industrial Engineering and Management	38	41(6)	2(1)	45(5)	4(1)	86(11)	6(2)	92(13)	13	6(4)	4(3)	8(2)	1(1)	16(4)	6(5)	30(10)	11(9)	41(19)
	Social Engineering	33	23	10(1)	34(1)	8	57(1)	18(1)	75(2)	11	5	1	3	2(1)	11(1)	13(4)	19(1)	16(5)	35(6)
Graduate School of Innovation Management	Total	40	37(1)	6(1)	40(2)	5(1)	77(3)	11(2)	88(5)	10	3(1)	2	11(1)	2	31(2)	6(2)	45(4)	10(2)	55(6)
	Management of Technology*	40	37(1)	6(1)	40(2)	5(1)	77(3)	11(2)	88(5)										
	Innovation**									10	3(1)	2	11(1)	2	31(2)	6(2)	45(4)	10(2)	55(6)
	Grand Total	1,584	1,463(135)	231(61)	1,588(119)	265(61)	3,051(254)	496(122)	3,547(376)	567	319(102)	86(50)	397(133)	76(47)	532(130)	143(68)	1,248(365)	305(165)	1,553(530)

Note: 1) Figures given in parentheses represent the number of international students.
2) * Offers a professional master's program.
3) ** Offers doctoral program.

STAFF/STUDENT NUMBERS

International Students

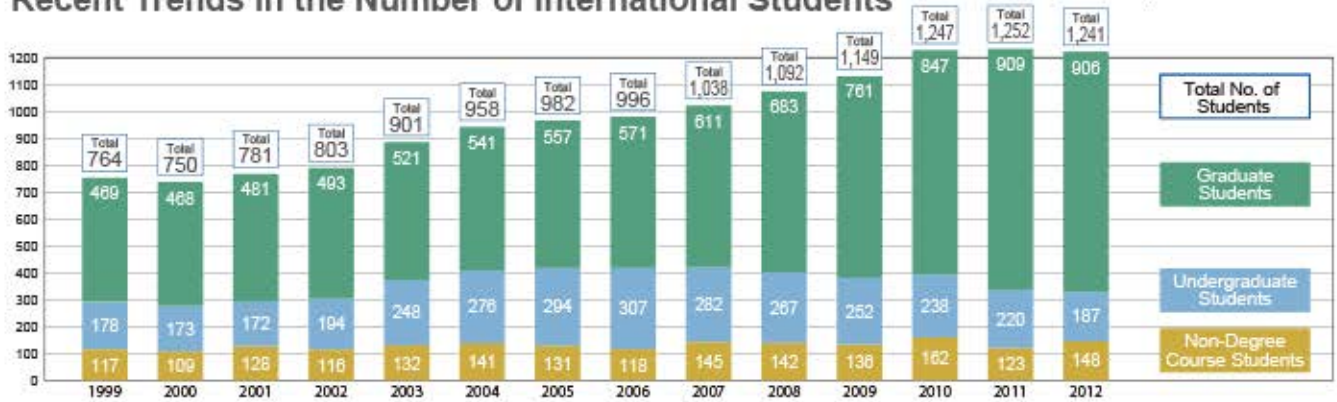
As of May 1, 2012

	Country and Area	Undergraduate Course	Master's Course	Doctoral Course	Non-Degree Course	Total
Asia	China	82 (28)	169 (64)	190 (76)	54 (23)	495 (191)
	Korea	30 (2)	35 (7)	73 (15)	7 (2)	145 (26)
	Thailand	8 (4) [3]	48 (19)	60 (27)	1	117 (50) [3]
	Vietnam	26 (4)	25 (9)	21 (4)	1	73 (17)
	Indonesia	7 (1)	21 (5)	37 (9)	6 (3)	71 (18)
	Malaysia	9 (2) [9]	7 (2)	12 (7)	4 (1)	32 (12) [9]
	Philippines		5 (1)	14 (5)	1	20 (6)
	Mongolia	7 (1)	4 (1)	6 (4)		17 (6)
	Taiwan		4 (1)	10 (3)	3 (1)	17 (5)
	Sri Lanka	1 (1)	4 (2)	7 (2)		12 (5)
	Bangladesh	3	1 (1)	7 (3)		11 (4)
	Singapore	2 (1)	3		5	10 (1)
	Cambodia		4	6 (1)		10 (1)
	India	1	1	4	1	7
	Nepal		2 (1)	3 (1)		5 (2)
	Pakistan			3	1	4
	Myanmar		3 (1)			3 (1)
	China (Hong Kong)	1		1		2
	China (Macau)				1	1
	Bhutan		1			1
North America	U.S.A.		6 (2)	9 (1)	5 (3)	20 (6)
	Canada		1	2		3
Central and South America	Brazil	2	1	4	2	9
	Mexico		3	3	1	7
	Colombia	1		1	1	3
	Nicaragua			2		2
	Bolivia		1 (1)	1		2 (1)
	Argentina		1			1
	Ecuador		1			1
	Peru		1			1
	Cuba			1 (1)		1 (1)
	Jamaica				1	1
	Costa Rica			1		1
Europe	France		4	3	7 (1)	14 (1)
	Germany			2	10 (3)	12 (3)
	Sweden			2	6	8
	Russia		1	5 (1)	1	7 (1)
	Romania		2 (1)	2	2	6 (1)
	Netherlands				4 (1)	4 (1)
	Finland		1 (1)		3 (1)	4 (2)
Europe	Lithuania	1	1	2 (1)		4 (1)
	Kazakhstan	1	1 (1)	1		3 (1)
	Spain				3 (2)	3 (2)
	Norway				3 (1)	3 (1)
	Italy		1	1	1	3
	U.K.			1	1	2
	Hungary		2 (1)			2 (1)
	Poland			1	1	2
	Ukraine			1		1
	Bulgaria	1 (1)				1 (1)
	Tajikistan			1		1
	Denmark				1	1
	Slovenia			1		1
	Slovakia				1	1
	Switzerland				1 (1)	1 (1)
Oceania	Australia			1		1
Middle East	Iran	1 (1)		7 (2)	1	9 (3)
	Turkey		1	6 (1)	2	9 (1)
	Syria		2	3		5
	Saudi Arabia	2 [2]				2 [2]
	Arab			1		1
	Jordan				1	1
	Palestine		1			1
Africa	Algeria			4	2	6
	Egypt			1	2	3
	South Africa			3		3
	Kenya		2			2
	Uganda	1				1
	Ethiopia		1			1
	Ghana		1			1
	Cameroon			1		1
	Tunisia			1 (1)		1 (1)
	Benin		1			1
	Sudan			1		1
	Sierra Leone		1			1
	Nigeria			1		1
	Total	187 (46) [14]	375 (121)	531 (165)	148 (43)	1,241 (375) [14]

Note: 1) Figures given in parentheses represent the number of female students.
2) Figures given in square brackets represent the number of students sent by their governments.
3) Non-degree Course Students include research students, auditors, and the Japanese-language intensive course students.

Recent Trends in the Number of International Students

As of May 1, of each Academic Year



ENROLLMENT AND GRADUATION

ENROLLMENT

Enrollment in Undergraduate Courses for FY2012

	Science	Engineering	Bioscience & Biotechnology	Total
Applicants	924	3,189	929	5,042
Admitted	185	690	153	1,028
Enrolled	197	750	157	1,104

Enrollment in Graduate Courses for FY2012

	Master's Course							Doctoral Course						
	Graduate School of Science and Engineering	Graduate School of Bioscience and Biotechnology	Interdisciplinary Graduate School of Science and Engineering	Graduate School of Information Science and Engineering	Graduate School of Decision Science and Technology	Graduate School of Innovation Management	Total	Graduate School of Science and Engineering	Graduate School of Bioscience and Biotechnology	Interdisciplinary Graduate School of Science and Engineering	Graduate School of Information Science and Engineering	Graduate School of Decision Science and Technology	Graduate School of Innovation Management	Total
Applicants	1,299	181	1,069	185	188	97	3,019	176	43	151	27	41	12	450
Admitted	664	146	494	116	124	40*	1,584	212	44	219	38	44	10	567
Enrolled	667(69)	129(14)	474(51)	113(11)	113(11)	36(7)	1,532(163)	107(52)	31(11)	105(35)	13(11)	27(9)	1(5)	284(123)

Note: 1) Figures given in parentheses represent the number of students who enrolled in 2011.
2) Figures with an asterisk * represent the number of students in the Professional Master's Course (or Program)

Enrollment in the International Graduate Program (October Start)

As of May 1, 2012

	2008			2009			2010			2011			2012			1993-2012		
	Master's	Doctoral	Sub-Total	Master's	Doctoral	Sub-Total	Master's	Doctoral	Sub-Total	Master's	Doctoral	Sub-Total	Master's	Doctoral	Sub-Total	Master's	Doctoral	Sub-Total
Graduate School of Science and Engineering	47	19	66	53	42	95	54	42	96	43	42	85	1	12	13	445	412	857
Graduate School of Bioscience and Biotechnology	12	5	17	12	10	22	10	8	18	11	9	20	0	0	0	101	96	197
Interdisciplinary Graduate School of Science and Engineering	21	7	28	28	28	56	40	27	67	35	31	66	5	16	21	215	221	436
Graduate School of Information Science and Engineering	6	5	11	4	7	11	5	6	11	3	3	6	1	4	5	66	57	123
Graduate School of Decision Science and Technology	7	4	11	8	2	10	7	5	12	6	3	9	1	1	2	66	36	102
Graduate School of Innovation Management	0	0	0	2	0	2	2	0	2	1	1	2	0	0	0	5	1	6
Total	93	40	133	107	89	196	118	88	206	99	89	188	8	33	41	898	823	1,721

ENROLLMENT AND GRADUATION

Students after Graduation for the Class of FY2011

Bachelor's Degrees

	Number of Graduates	Further Study	Manufacturers	Non-Manufacturers	Education	Government or Public Agencies	Other/Unknown
School of Science	184	151	3	18	2	0	10
School of Engineering	814	710	15	52	0	3	34
School of Bioscience and Biotechnology	166	146	3	10	0	0	7
Total	1,164	1,007	21	80	2	3	51

Other/Unknown: research students and students studying or living abroad

Master's Degrees

	Number of Graduates	Further Study	Manufacturers	Non-Manufacturers	Education	Government or Public Agencies	Other/Unknown
Graduate School of Science and Engineering	724	108	411	157	5	17	26
Graduate School of Bioscience and Biotechnology	136	34	57	31	0	2	12
Interdisciplinary Graduate School of Science and Engineering	535	78	291	139	1	8	18
Graduate School of Information Science and Engineering	117	8	37	66	1	1	4
Graduate School of Decision Science and Technology	118	16	14	74	1	1	12
Graduate School of Innovation Management*	37	1	3	8	0	1	24
Total	1,667	245	813	475	8	30	96

Other/Unknown: research students and students studying or living abroad
*Professional Master's Course

Doctoral Degrees

	Number of Graduates	Manufacturers	Non- Manufacturers	Education	Government or Public Agencies	Other/Unknown
Graduate School of Science and Engineering	169	36	21	16	2	94
Graduate School of Bioscience and Biotechnology	35	9	4	4	0	18
Interdisciplinary Graduate School of Science and Engineering	130	38	12	3	1	76
Graduate School of Information Science and Engineering	23	3	2	3	0	15
Graduate School of Decision Science and Technology	25	0	4	1	1	19
Graduate School of Innovation Management	5	0	0	1	0	4
Total	387	86	43	28	4	226

Other/Unknown: post-doctorate researchers and students studying or living abroad

Number of Doctoral Degrees Granted

As of March 31, 2012

		Graduate Courses 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	FY2011	33	129	13	0	175	3	9	0	0	12
	Total number since the establishment	1,201	3,336	172	0	4,709	406	2,473	23	0	2,902
Graduate School of Bioscience and Biotechnology	FY2011	19	16	0	0	35	0	1	1	0	2
	Total number since the establishment	394	393	8	0	795	40	56	1	0	97
Interdisciplinary Graduate School of Science and Engineering	FY2011	15	103	12	0	130	0	2	0	0	2
	Total number since the establishment	500	2,028	82	0	2,610	138	815	12	0	965
Graduate School of Information Science and Engineering	FY2011	3	16	5	0	24	0	0	0	0	0
	Total number since the establishment	90	197	65	0	352	17	46	4	0	67
Graduate School of Decision Science and Technology	FY2011	1	9	17	0	27	0	0	0	0	0
	Total number since the establishment	10	148	210	0	368	1	17	18	0	36
Graduate School of Innovation Management	FY2011	0	2	2	1	5	0	0	0	0	0
	Total number since the establishment	0	5	5	10	20	0	0	0	0	0
Total		2,195	6,107	542	10	8,854	602	3,407	58	0	4,067

NEW FEATURES OF RESEARCH PROGRAMS

The Global COE Programs at Tokyo Institute of Technology

As of July 2012

http://www.rso.titech.ac.jp/cat5/detail_44.html

The Global COE program was introduced by MEXT as the successor to the 21st-Century COE Program. Started in 2007, the program aims to further strengthen and enhance the functions of graduate schools and create centers of excellence in accord with the highest world-wide standards. Tokyo Tech currently has 4 ongoing programs. Five programs finished in FY2011.

Note: COE: Center of Excellence MEXT: Ministry of Education, Culture, Sports, Science and Technology

2007-

Evolving Education and Research Center for Spatio-Temporal Biological Network

Field of Study: Life Sciences
Graduate Schools/Research Institutes: Bioscience and Biotechnology, Science and Engineering
Departments/Centers: Life Science, Biological Sciences, Biological Information, Bioengineering, Biomolecular Engineering, Electrical and Electronic Engineering
Program Leader: Prof. TOKUNAGA Makio
Partners: Tokyo Medical and Dental University Graduate School; RIKEN Brain Science Institute; University of California, Los Angeles, Molecular Biology Institute, Department of Microbiology and Molecular Genetics (USA); Scripps Research Institute, Department of Molecular Biology (USA); Centre National de la Recherche Scientifique, IBMC, Département Machineries Traductionnelles (France)

Amount of Subsidy for FY2011: 297,498,000 JPY

Education and Research Center for Material Innovation

Field of Study: Chemistry, Material Sciences
Graduate Schools/Research Institutes: Science and Engineering, Interdisciplinary Science and Engineering
Departments/Centers: Metallurgy and Ceramics Science, Organic and Polymeric Materials, Innovative and Engineered Materials, Materials Science and Engineering
Program Leader: Prof. TAKEZOE Hideo
Partners: National Institute for Materials Science, Photocatalytic Materials Center; National Institute of Advanced Industrial Science and Technology, Nanotechnology Research Institute

Amount of Subsidy for FY2011: 173,213,000 JPY

Education and Research Center for Emergence of New Molecular Chemistry

Field of Study: Chemistry, Material Sciences
Graduate Schools/Research Institutes: Science and Engineering, Interdisciplinary Science and Engineering
Departments/Centers: Chemistry, Chemistry and Materials Science, Applied Chemistry, Chemical Engineering, Electronic Chemistry, Environmental Chemistry and Engineering
Program Leader: Prof. SUZUKI Keisuke
Partners: RIKEN Advanced Science Institute

Amount of Subsidy for FY2011: 219,250,000 JPY

Computationism as a Foundation of the Sciences

Field of Study: Information, Electrical and Electronic Sciences
Graduate Schools/Research Institutes: Information Science and Engineering, Science and Engineering, Interdisciplinary Science and Engineering
Departments/Centers: Mathematical and Computing Sciences, Computer Science, Mathematics, Nuclear Engineering, Computational Intelligence and Systems Science, Information Processing
Program Leader: Prof. WATANABE Osamu
Partners: ETH Zürich, Department of Science (Switzerland); University of California, San Diego, San Diego Supercomputer Center (USA)

Amount of Subsidy for FY2011: 126,339,000 JPY

Photonics Integration - Core Electronics

Field of Study: Information, Electrical and Electronic Sciences
Graduate Schools/Research Institutes: Interdisciplinary Science and Engineering, Science and Engineering
Departments/Centers: Electronics and Applied Physics, Information Processing, Electrical and Electronic Engineering, Physical Electronics, Communications and Integrated Systems
Program Leader: Prof. KOYAMA Fumio
Partners: University of California, Berkeley, Center for Optoelectronic Nanostructured Semiconductor Technologies (USA); University of Cambridge, Centre for Advanced Photonics and Electronics (UK)

Amount of Subsidy for FY2011: 206,697,000 JPY

2008-

Nanoscience and Quantum Physics

Field of Study: Mathematics, Physics, Earth Sciences
Graduate Schools/Research Institutes: Science and Engineering
Departments/Centers: Physics (Condensed Matter Physics), Physics (Particle, Nuclear and Astro-Physics)
Program Leader: Prof. SAITO Susumu
Partners: University of California, Berkeley Department of Physics (USA)

Amount of Subsidy for FY2012: 135,620,000 JPY

International Urban Earthquake Engineering Center for Mitigating Seismic Mega Risk

Field of Study: Mechanical, Civil Engineering, Architectural and Other Fields of Engineering
Graduate Schools/Research Institutes: Science and Engineering, Interdisciplinary Science and Engineering, Information Science and Engineering
Departments/Centers: Architecture and Building Engineering, Civil Engineering, Built Environment, Environmental Science and Technology, Mechanical and Environmental Informatics
Program Leader: Prof. TOKIMATSU Kohji
Partners: Pacific Earthquake Engineering Research Center

Amount of Subsidy for FY2012 196,662,000 JPY

Multidisciplinary Education and Research Center for Energy Science

Field of Study: Interdisciplinary, Combined Fields, New Disciplines
Graduate Schools/Research Institutes: Science and Engineering, Interdisciplinary Science and Engineering, Decision Science and Technology, International Student Center, Innovation Management
Departments/Centers: Mechanical and Control Engineering, Physical Electronics, Chemical Engineering, Applied Chemistry, Mechanical and Aerospace Engineering, Chemistry, Organic and Polymeric Materials, Metallurgy and Ceramics Science, International Development Engineering, Chemistry and Materials Science, Innovative and Engineered Materials, Electronic Chemistry, Environmental Chemistry and Engineering, Electronics and Applied Physics, Industrial Engineering and Management, Nuclear Engineering, Management of Technology
Program Leader: Prof. HIRAI Shuichiro
Partners: Georgia Institute of Technology, Department of Mechanical Engineering (USA); Korea Advanced Institute of Science and Technology, Department of Mechanical Engineering (South Korea); Universität Stuttgart, Institut für Physikalische Electronik (Germany)

Amount of Subsidy for FY2012: 178,284,000 JPY

2009-

From the Earth to "Earths": Interdisciplinary Study on Habitable Planets

Field of Study: Interdisciplinary, Combined Fields, New Disciplines
Graduate Schools/Research Institutes: Science and Engineering, Bioscience and Biotechnology, Interdisciplinary Graduate school of Science and Engineering
Departments/Centers: Earth and Planetary Sciences, Chemistry, Biological Information, Biological Sciences, Environmental Science and Technology, Environmental Chemistry and Engineering
Program Leader: Prof. IDA Shigeru
Partners: University of Tokyo, Atmosphere and Ocean Research Institute; University of Tokyo, Graduate School of Science, Department of Earth and Planetary Science; University of Tokyo, Department of Multi-Disciplinary Science

Amount of Subsidy for FY2012: 131,401,000 JPY

FY2007	1,455,220,000 JPY	(335,820,000 JPY)
FY2008	2,321,930,000 JPY	(535,830,000 JPY)
FY2009	2,343,791,000 JPY	(540,874,800 JPY)
FY2010	1,803,657,000 JPY	
FY2011	1,647,787,000 JPY	
FY2012	641,967,000 JPY	
Total amount of funding	10,214,352,000 JPY	(1,412,524,800 JPY)

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

NEW FEATURES OF RESEARCH PROGRAMS

Endowment Chairs of Private Companies

As of July 1, 2012

Division of e-Government System-Care Engineering funded by NTT-DATA Corporation

Affiliation: Imaging Science and Engineering Laboratory
This division provides a structured guidance on how to establish IT-Governance and keep information systems effective beyond their life cycle. Through analyses of practical examples, the division also provides useful and practical assistance for the Government concerning the e-Government system.

Materials for Energy Conversion (Funded by Toppan Printing)

Affiliation: Chemical Resources Laboratory
This division is active in basic research and teaching, while always keeping practical applications in mind. The main areas of development are the research of new materials for energy conversion, specifically the synthesis of polymers, e.g. by organometallic polycondensation using nickel complexes, and the preparation of polymer films for energy conversing devices. (Pyridine- and phenylene-based polymers for example)

Biometabolic Engineering (ALA) funded by SBI Pharmaceuticals Corporation

Affiliation: Frontier Research Center
This division will focus on the application of 5-aminolevulinic acid (ALA). This research aims to establish new medical technologies (tumor therapy, tumor diagnosis and treatment of various diseases related to basal metabolism).

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

Affiliation: Graduate School of Innovation Management
This course aims to build a business model for the creation of a new food business and industry through innovation. In addition, this course is to train human resources for a new food business. In addition, several courses open for food.

Railway technology innovation and standardization (Endowed Chair by East Japan Railway Company)

Affiliation: Graduate School of Science and Engineering
(1) Developing international standardized human resouces and international views (2) International standardization methodology and strategies for railway companies (3) Sharing and exhchanging ideas between the faculty and guest speakers

Advanced Free Radical Technology and Life Science

Affiliation: Graduate School of Bioscience and Biotechnology
This division provides the technological development in the fields of life science and medical technology. This research aims to elucidate the mechanism of redox system and treatment of various diseases related to the aging society.

International Nuclear Power Human Resorce Training (Hitachi-GE) Chair Course

Affiliation: Graduate School of Science and Engineering
The course aims the new and aggressive education and research to incorporate the environmental and energy resource problems, and the energy policy. It promote human resource development, such as education/ training personnels and researchers to develop high reliable nuclear power generation system and to survey lomg-term stable energy supply system.

Medical and Biological Engineering Creation

Affiliation: Graduate School of Bioscience and Biotechnology
The main purpose is to establish the center of the medical devices development and the human resource development in the field of medical and biological engineering, in order to contribute to the health, longevity, and medical treatment.

Dainichiseika-Donated Chair of Research Division for Innovative Biomaterials

Affiliation: Center For Biological Resources and Informatics
This division aims to research and develop biomaterials with new functions, and develop applied technology about them. In addition, this division establishes bases of regenerative medicine and the technology that will be alternatives to animal experiments. This research is concerned with biomedical engineering through collaboration between industry and academia to promote the welfare of animals as well as humankind.

Biomaterials Design for Regenerative Medical Engineering

Affiliation: Graduate School of Bioscience and Biotechnology
New biomaterials will be designed and developed to be applied in large scale culture of ES/iPS cells and differentiated cells for regenerative medicine and the replacements of animal experiments.

Collaborative Research Chairs and Divisions

As of May 1, 2012

AGC Collaborative Research Division for Glass and Inorganic Materials

Collaborator: Asahi Glass Co., Ltd.
Term: April 1, 2010 - March 31, 2014
Affiliation: Materials and Structures Laboratory
Research Title: Basic Research on Glass, Development of New Inorganic Materials

Collaborative Research Division for Information Distribution Platform System

Collaborator: NTT Communications Corporation
Term: April 1, 2010 - March 31, 2013
Affiliation: Solution Research Laboratory
Research Title: Research on Information Distribution Platform System

NTT/NTT Facilities Collaboration Research Unit

Collaborator: Nippon Telegraph and Telephone Corporation NTT Facilities
Term: April 1, 2010 - March 31, 2013
Affiliation: Solutions Research Laboratory (AES Center)
Research Title: Smart Energy Network in Next-Generation Communities

ENEOS Collaboration Research Unit

Collaborator: JX Nippon Oil & Energy Corporation
Term: April 1, 2010 - March 31, 2013
Affiliation: Solutions Research Laboratory (AES Center)
Research Title: Low-Carbon Emissions Energy Systems

Mitsubishi Corp. Collaboration Research Unit

Collaborator: Mitsubishi Corporation
Term: April 1, 2010 - March 31, 2015
Affiliation: Solutions Research Laboratory (AES Center)
Research Title: Renewable Energy Utilization

Tokyo Gas Collaboration Research Unit

Collaborator: Tokyo Gas Co., Ltd.
Term: April 1, 2010 - March 31, 2013
Affiliation: Solutions Research Laboratory (AES Center)
Research Title: Smart Energy Network Toward a Low-Carbon Society

Celgene Collaborative Research Chair

Collaborator: Celgene Corporation
Term: April 1, 2012 - March 31, 2015
Affiliation: School and Graduate Bioscience and Biotechnology
Research Title: Development of Novel Drugs Targeted for Cereblon (CRBM) and its related factors

Collaborative Research Division for Environmental Monitoring Sensor Control System

Collaborator: Fujitsu Laboratories, Ltd.
Term: April 1, 2012 - March 31, 2015
Affiliation: ICE Cube Center
Research Title: Collaborative Research on Environmental Monitoring Sensor Control System

SEC-TITECH Future Technology Joint Research Program

Collaborator: Sumsung Electronics Co., Ltd.
Term: May 1, 2012 - March 31, 2015
Affiliation: Interdisciplinary Graduate Science and Engineering
Research Title: Research on the Architecture of Information Portals for Future Internet Societies

Innovative Research Initiatives (9 Projects)

As of April 1, 2012

Title	Project Leader	
Value-Added Remote Sensing	Interdisciplinary Graduate School of Science and Engineering	Prof. KOSUGI Yukio
Design of Photonic Material Based on Dynamic Structure	Graduate School of Science and Engineering	Prof. KOSHIHARA Shin-ya
State-of-the-Art Inorganic Materials	Solutions and Research Laboratory	Prof. HARA Michikazu
Structural Integrity Assessment and Smart Material & Structures	Graduate School of Science and Engineering	Prof. TODOROKI Akira
Research Project for Urban Infrastructure Systems	Graduate School of Science and Engineering	Prof. ASAKURA Yasuo
Transport Studies Unit	Interdisciplinary Graduate School of Science and Engineering	Prof. YAI Tetsuo
Combinatorial Science Research Initiatives	Graduate School of Science and Engineering	Prof. TAKAHASHI Takashi
Research Group for Signal Processing and Network Technologies for Advanced Radio Systems	Graduate School of Science and Engineering	Prof. SUZUKI Hiroshi
Versatile Innovative Plasma Science: VIPs	Interdisciplinary Graduate School of Science and Engineering	Prof. HOTTA Eiki

UNIVERSITY/INDUSTRY RELATIONS

Office of Industry Liaison

http://www.sangaku.titech.ac.jp/english

Tokyo Institute of Technology's one-stop service for industry liaison

As a gateway to the one-stop service for university-industry cooperation activities, the Office of Industry Liaison (OIL) puts Tokyo Institute of Technology's efforts into practice, emphasizes cooperation between university and industry, creates new industries, contributes to the promotion of innovation, and strives to create intellectual property. OIL also focuses on international university-industry collaboration.

Organizational Alliances

As of May 1, 2012

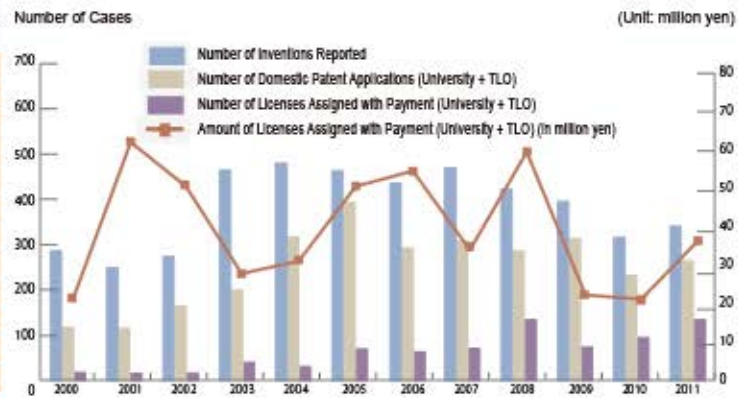
One of OIL's major activities is the Research Alliance Program, which provides an opportunity for Tokyo Institute of Technology and companies to conduct organizational research. Tokyo Institute of Technology concluded agreements with the following partners in the past resulting in successful research achievements.

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
	Sumitomo Chemical Co., Ltd.	Apr. 06, 2005	Advanced Materials, Catalysers, and Life Sciences
	Canon Inc.	Aug. 02, 2005	Advanced Materials and Imaging Technology
	Semiconductor Technology Academic Research Center	Sep. 01, 2006	Advanced Semiconductor Technology
	Hitachi, Ltd.	Jul. 01, 2011	Next-Generation Thechnologies for Social Innovation
Non-Manufacturing Companies	Sumitomo Mitsui Banking Corporation	Oct. 01, 2004	Technology Matching
	Nippon Telegraph and Telephone Corporation	Sep. 10, 2008	Research and Development Information and Telecommunications
	Nomura Research Institute, Ltd.	Sep. 22, 2008	Research and Development on Service Innovation
Non-Profit Organization	Kanagawa Academy of Science and Technology	Apr. 02 , 2007	R&D for Industrial Development and Fostering R&D Human Resources

IP Management

As of May 1, 2012

FY / Description	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)
2000	286	117	17	21.67
2001	249	115	15	60.25
2002	274	164	16	50.00
2003	465	200	39	29.98
2004	481	317	30	37.28
2005	464	395	69	49.50
2006	437	293	63	52.96
2007	471	309	70	35.30
2008	423	286	135	57.29
2009	396	314	73	22.64
2010	316	232	94	21.65
2011	343	267	130	38.40



Tokyo-Tech-Launched Venture Companies

As of July 1, 2012

Approved on:	Company	Summary of Business	Type	Established on
2003.1.9	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	1977.4.28
2003.1.9	OKK, Inc.	Development and sales of original products featuring measurement with an optical technology.	2	1981.4.11
2003.1.9	Brain Functions Laboratory, Inc.	Development and sales of "Emotion Spectrum Analyser (ESA)," a system to display emotion quantitatively through EEG-analysis.	2	1994.2.1
2003.1.9	New Technology Management Co., Ltd.	R&D of ECF (Electro-Conjugate Fluid) technology and its industrial applications.	2	1995.7.21
2003.1.9	Tytemn Corporation	Sales, manufacturing, and R&D on high performance slurries for silicon water final polishing and for CMP in IC processing.	3	1996.4.3
2003.1.9	DINO Co., Ltd.	Development and sales of computer software.	2 3	1998.8.14
2003.1.9	Fu's Lab Co., Ltd.	Development & planning of 3-D camera systems, image storage systems, and image processing software for improvement and restoration.	1	1999.7.30
2003.1.9	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	2000.7.25
2003.1.9	ChemGenesis, Inc.	Development, manufacture and sales of chemical libraries and biological tools based on combinatorial chemistry.	1	2001.3.1
2003.1.9	Optical Comb, Inc.	Development, manufacturing and sales of "Optical Frequency Comb Generators," application products and related services.	1 2	2002.4.1
2003.1.9	GenoMembrane, Inc.	Gene cloning, gene expression and functional analysis of drug transporters.	1	2002.4.1
2003.1.9	Aphoenix, Inc.	Drug discovery, development and production based on magnetic bead technology.	1 2	2002.4.10
2003.1.9	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	2002.4.16
2003.5.12	Micro Energy, Ltd.	Development, manufacture and sales of gasification power generation systems using industrial waste as fuel.	3	2003.4.9
2003.7.15	Connectous Co.	Consulting and training for information systems.	2	2001.12.20
2003.7.15	Thin-Film Process Soft, Inc.	Development of thin film manufacturing processes for LC and PDP, and device sales.	1	2000.7.7
2004.5.18	Celagix Research, Ltd.	Development of biomaterials and nano-particles of carbonate apatite for gene delivery.	2 3	2002.7.15
2004.5.18	HiBot Corporation	Research, development and sales of robots.	2 3	2004.4.15
2004.6.15	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	2004.5.18
2004.8.9	TRIONSITE	Support of industry promotion policies taken by local governments with planning and implementation. Surveys, consulting, and the establishment/sales/operation of websites.	1 2	2004.7.2
2004.9.13	eCompute Corporation	Provides software consulting and development, specializing in image processing, virtual reality and linux system.	2 3	2004.1.15
2004.9.13	Tokyo Tech Engineering Solutions, Inc.	Survey, planning, design, safety-check, monitoring, and retrofit of construction products.	2 3	2004.7.22
2004.9.13	mimi.inc	Development and sales of application software for cellular phones.	3	2004.5.18
2004.11.2	Luvina Software Company	Software development and operation. Consulting on investments in Vietnam.	3	2004.8.6
2004.12.13	Techno Management Solutions, Ltd.	Development and sales of next-generation management systems and consulting service for a process plant life cycle.	2	2004.10.1
2004.12.13	HUB Networks, Inc.	Development of software and hardware control systems.	2 3	2003.4.10
2005.8.29	Chimeraworks	Software development, sales, and management. R&D in information technology and medical devices.	3	2005.8.4
2005.10.11	Interlocus, Inc.	R&D, sales and education on CAD, CAM, CAE and CG systems. Provision of engineering services and/or solutions.	1 2	2005.9.9
2005.10.11	Kawazoe Frontier Technology, Co., Ltd.	R&D of materials technology and technology consulting services on hydrogen energy systems.	2	2003.1.6
2005.12.6	AMSIS, Inc.	R&D, design, production and sales of semiconductor devices and modules for microwave- and millimeterwave-systems.	2	2005.10.11
2006.2.27	Oisix Co., Ltd.	Online food retailing. Working with a network of dairies and alcoholic drink retailers.	3	2000.6.1
2006.3.14	Technovarth	Software development, sales, lease, and maintenance/management services.	3	2006.2.8
2006.4.25	Kozo Zairyo Building Research Co., Ltd.	R&D and technology consulting services for the building of steel and seismic-resistant structures.	2	1986.10.1
2007.2.27	MERSTech, Inc.	Industrialization and commercialization of MERS-technology-based power electronics products and services. (MERS: Magnetic Energy Recovery Switch)	1	2007.1.15

UNIVERSITY/INDUSTRY RELATIONS

As of July 1, 2012

Approved on:	Company	Summary of Business	Type	Established on
2007.4.2	iMott, Inc.	R&D and consultation for segmented-DLC coating technologies, coating services and patent licensing.	1	2007.2.8
2007.4.2	PRESYSTEMS, Inc.	Sales and development of our testing tools on software systems.	2 3	2002.2.1
2007.7.23	PopLiberal, Inc.	Research, development and sales of computer software, primarily web applications.	3	2007.5.25
2007.9.10	PhosMega Co., Ltd.	Development of medical and electronic measurement equipment, robots, and the manufacture and sales of prototype instrumentation and systems.	2	2007.8.10
2007.10.9	Visual Technology Laboratory, Inc.	Development and sales of simulation software for lighting design, color application and landscape design, as well as patent consultation.	3	2007.8.17
2007.11.19	Tech Engine Co., Ltd.	Information quality control and development.	3	2007.5.1
2008.3.17	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/speech-enabled search applications.	2	2007.8.9
2008.5.26	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	2008.3.27
2008.10.6	Plasma Concept Tokyo, Inc.	Development, consultation and sales of atmospheric plasma sources.	2	2008.7.2
2008.11.17	MCX Corporation	Research, development, consultation and sales of energy supply systems and facilities, heat exchangers and related equipment.	1	2008.3.3
2009.3.6	EffecTech Institute of Strategy, Inc.	Strategy structuring for technology management, new business development, and investigative research for science and technology policies.	2	2008.5.2
2009.3.6	MieruPC, Inc.	Development, manufacture and sales of computers and computer-related products.	2 3	2009.2.19
2009.9.18	NuSAC, Inc.	Surveys, research, education, personnel training, recruitment and proposals for solutions related to nuclear energy.	2	2009.4.28
2010.1.7	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	2009.8.28
2010.3.12	Meko Edu.	Educational guidance to overseas students, cram school operations, and advisory services for studying in Japan.	3	2009.4.2
2010.11.9	Techidea Corporation	R&D and sales of analog and RF CMOS circuit technology. Technology consulting and education.	1	2010.4.23
2010.12.3	Building Structure Institute	Research planning, experiment verification and product development for aseismic structures, vibration-controlled structures and isolated structures.	1 2	2010.9.17
2011.7.6	Resonic GmbH	Sales and production of the measurement systems for rigid-body property identification and measurement services for rigid-body property identification.	1	2011.3.14
2011.10.7	Plasma Factory Co., Ltd.	Development, manufacture and sales of atmospheric pressure plasma treatment systems.	1 2	2011.7.4
2011.11.28	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	2011.8.10
2011.11.28	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	2011.8.22
2011.12.19	SOINN: Self-Organizing Incremental Neural Network	Development of technology to commercialize the learning of the artificial intelligence system SOINN; application development; and, business development.	1	2011.10.17
2012.6.11	Zetta Co., Ltd.	Development and sales of nanofiber-manufacturing machinery and nanocoating machinery be electro-spray 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	2011.11.11

Note:
1) Former Criteria (until 9/14/2010)
-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
2) Present Criteria (after 9/15/2010)
-Criteria 1: A company making use of intellectual property owned by a researcher or student at Tokyo Institute of Technology and/or any technological fruits acquired by Tokyo Institute of Technology through its research activities
-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
3) Companies liquidated after conferral are not listed above.
4) Dates are shown in month/day/year format.

As of July 1, 2012

Number of New Business Ventures and *Tokyo Tech Venture* Titles Granted

Description \ FY	Pre-1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012
Titles Granted	—	—	—	16	3	11	6	3	9	5	4	2	5	1
New Ventures	9	4	3	7	4	7	4	3	9	3	4	3	5	0
Aggregate Total of New Ventures	9	13	16	23	27	34	38	41	50	53	57	60	65	65

NEW FEATURES OF EDUCATION PROGRAMS

The Flow from Admission to Graduation

1st year - Freshmen Orientation
- Freshmen Seminar

Department Affiliation, Orientation & Application

2nd year - Department Affiliation

3rd year - (some students) Company Tours and Internships

4th year - Undergraduate Thesis Research

Graduation

Employment | **Graduate School**

About the Admission by Group System

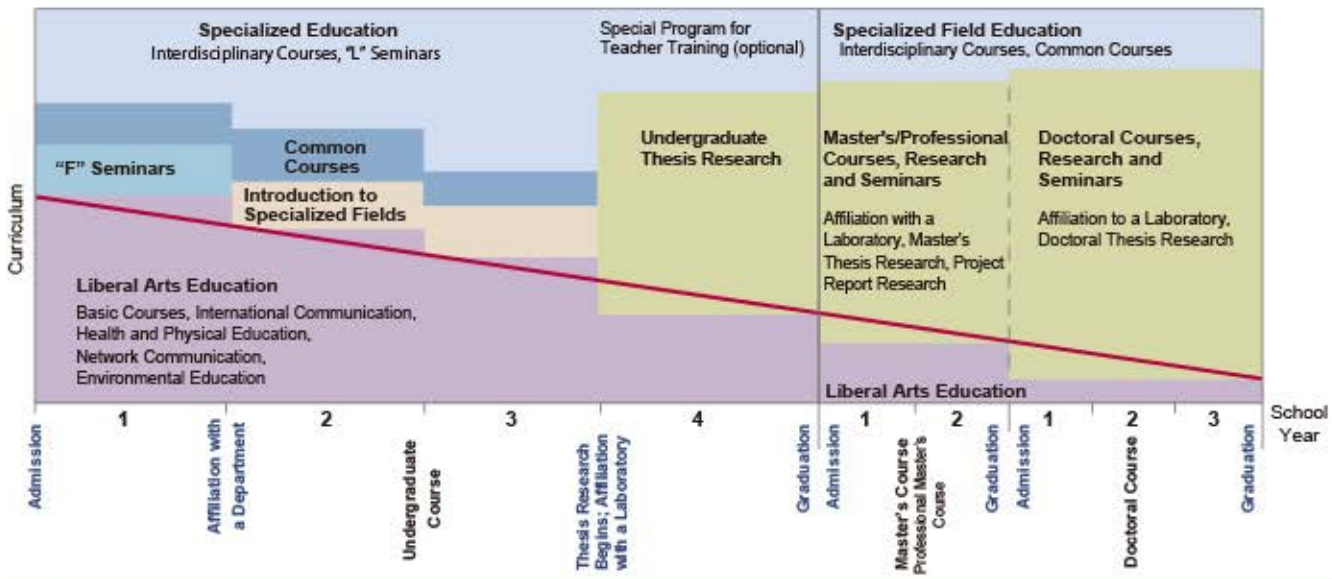
Before choosing a department, freshmen first belong to one of the groups that are under each of the three schools (Science, Engineering, Bioscience and Biotechnology). This allows time for students to find out the most appropriate path for them before starting a departmental affiliation in the second year. (In some cases students may move on to a department outside of their initial group.)

List of Subjects by Group

School of Science	Group 1	Mathematics Physics Chemistry Information Science Earth and Planetary Sciences
School of Engineering	Group 2	Metallurgical Engineering Organic and Polymeric Materials Inorganic Materials Social Engineering
	Group 3	Chemical Engineering Polymer Chemistry Social Engineering
	Group 4	Industrial and Systems Engineering Mechanical Engineering and Science Mechanical and Intelligent Systems Engineering
School of Engineering	Group 4	Mechano-Aerospace Engineering International Development Engineering Social Engineering
	Group 5	Control and Systems Engineering Electrical and Electronic Engineering Computer Science Social Engineering
	Group 6	Civil and Environmental Engineering Architecture and Building Engineering Social Engineering
School of Bioscience and Biotechnology	Group 7	Bioscience Biotechnology

About 80% of students go on to graduate school

Program of Undergraduate and Graduate Study



Student Clubs

Music Clubs
Orchestra / Los Guaracheros, Latin Jazz Big Band / Classical Guitar / Rock / Modern Jazz / Chor Kleines (Mixed Chorus) / Folksongs

Art Clubs
Art / Animation / SF / Theater / Photography / Movie / Design

Cultural Clubs
English Speaking Society / Manga / Tea Ceremony / Railway

Recreational Clubs
Mountain Climbing / Go / Shogi

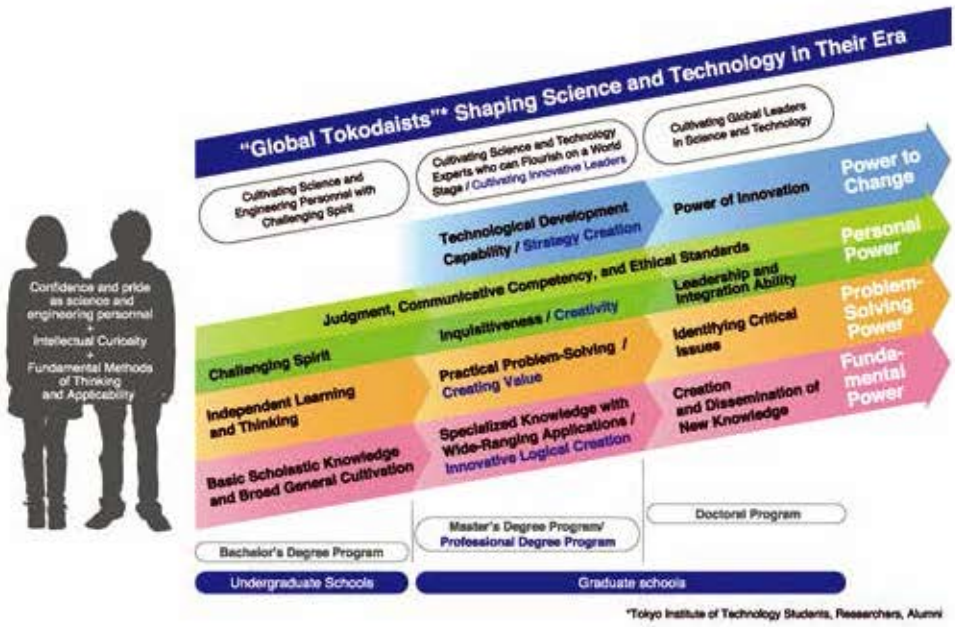
Social Clubs
Social Sciences / Environmental / Journalist / Oriental Philosophy / Modern Issues

Technology Clubs
Astronomy / Glider / Robotics / Automotive / Wireless / Broadcasting / Meister Craftsman / Science & Technology / Bio Creative Staff / Jug Tech / International Development Academy

Sports Clubs
Baseball / Tennis / Soccer / Rugby / Handball / Volley Ball / Badminton / Ping-Pong / Basket Ball / Golf / Aikido / Judo / Shorinji Kempo / Kyudo / Kendo / Karate / Rowing / Track & Field / Orienteering / Competitive Skiing / Swimming / Sailing / Mountaineering / Weight Lifting / Folk Dance / Fencing / Dance / Gymnastics / American Football / Triathlon / Futsal / Cycling / Hang Glider

NEW FEATURES OF EDUCATION PROGRAMS

Policy on Education



Undergraduate Education Programs

Characterized by a high level of originality and expert teaching in science and technology, Tokyo Institute of Technology's innovative education programs for undergraduates have won widespread acclaim. For example the Four-University Alliance provides students with the opportunity to expand their horizons of knowledge and experience while acquiring a dual bachelor's degree. The participating institutions are Tokyo Medical and Dental University, Tokyo University of Foreign Studies and Hitotsubashi University.

Graduate Education Programs

Tokyo Institute of Technology offers a wide range of graduate education programs in science and technology, covering numerous research fields. The varied nature of these programs enables students to learn in conditions suitable to their aims and experience. Many of them benefit from the support of the government (MEXT), which provides funding for educational innovation in education.

- The Integrated Doctoral Education Program allows students to be awarded a doctoral degree in a shorter period than the standard graduate program
- The Dual Degree Program enables students taking a doctoral course to gain a professional master's degree in addition to their doctorate
- The Special Graduate Course offers integrated research across various departmental boundaries
- The Tokyo Tech-Tsinghua University Joint Graduate Program provides students with the opportunity to study on both campuses and obtain a dual master's or doctoral degree.

International Graduate Program

http://www.gakumu.titech.ac.jp/nyusi/prospectus/english/cat22/detail_108.html

For many years, Tokyo Institute of Technology has admitted international students and provided them with the highest standard of education. Based on past experiences, the university launched "the International Graduate Program" in 2007 to provide opportunities to pursue advanced studies leading to Ph.D. degrees, or Master's degrees in some cases, in English. The students are selected internationally with priority given to graduates or students of Tokyo Institute of Technology's partner universities with which Tokyo Institute of Technology has concluded exchange agreements. Of those students selected, outstanding students are chosen to be awarded Japanese government scholarships.

The study fields span various subjects in science and technology, many of which are related to issues of global interest. The students are given an opportunity to study and conduct research under the supervision of faculty members instructing outside departmental boundaries. Besides scientific and technological research, Japanese language courses from introductory to advanced levels and classes on Japanese culture are also provided. The courses and classes aim to facilitate and enhance their quality of life in Japan and prepare them for work or future opportunities in Japan.

Program

- Sustainable Engineering Program
- Education Program through International Collaboration on Architecture and Urban Design
- International Bioscience and Biotechnology Course Program
- International Program for Interdisciplinary Science and Engineering
- Education Program of Japanese Advanced Information Technology
- International Program on Effective Utilization of Technology in the Graduate School of Decision Science and Technology
- International Program on Earthquake Engineering
- Tokyo Tech-Tsinghua University Joint Graduate Program
- Tokyo Tech-RIKEN International School

Creativity Education and Accredited Subjects

The Educational Planning Office at Tokyo Institute of Technology encourages the students to develop the creativity that has always been at the heart of science and technology. A series of specially designed and accredited subjects, both at the undergraduate and graduate levels, have been evaluated as having exceptional educational standards and fostering creativity.

There are over 70 subjects including: Column Land; Crafts; Creative Design for Bioscience and Biotechnology I, II; Creative Experiments on Electrical and Electronic Engineering; Creativity Laboratory in Metallurgy; Laboratory Works in Concrete Materials and Structures; Mechanical Design Projects I, II; Mechanical Engineering Literacy; System Modeling; and, Transdisciplinary Collaboration Practice among others.

Number of Students Participating in the Joint Education Course of the Four-University Alliance

Students can expand their horizon of knowledge through the Joint Education Course offered by a Four-University Alliance: Tokyo Institute of Technology, Tokyo Medical and Dental University, Tokyo University of Foreign Studies, and Hitotsubashi University

		2006		2007		2008		2009		2010		2011		2012	
		Applications	Approved	Applications	Approved	Applications	Approved	Applications	Approved	Applications	Approved	Applications	Approved	Applications	Approved
With Three Universities Participating	Subtotal	46	42	29	26	39	31	29	28	12	12	16	15	18	18
	Comprehensive Life Sciences Course[1]	27	23	25	23	31	25	26	25	8	8	15	14	15	15
	Overseas Cooperation Course[1]	6	6	4	3	2	2	3	3	2	2	1	1	2	2
	Research on Living Spaces Course[1]	13	13			6	4			2	2	0	0	1	1
With Two Universities Participating	Subtotal	136	101	77	54	90	68	81	74	33	33	61	56	42	39
	Scientific Technology and Intellectual Property Course[2]	16	15	12	12	13	13	12	12	6	6	8	8	2	2
	Technology and Management Course[2]	31	6	28	6	26	6	13	6	3	3	10	6	6	5
	Bunri Sougou Course[2]	40	37	19	18	22	20	33	33	14	14	30	29	15	15
	Medical Engineering Course[3]	33	31	14	14	24	24	16	16	8	8	8	8	12	11
	International Technical Writing Course[4]	16	12	4	4	5	5	7	7	2	2	5	5	7	6
	Economics of Medical and Health Care Course[5]														
	Total	182	143	106	80	129	99	110	102	45	45	77	71	60	57

Note: 1) Tokyo Institute of Technology, Hitostusbashi University and Tokyo Medical and Dental University
2) Tokyo Institute of Technology and Hitostubashi University
3) Tokyo Institute of Technology and Tokyo Medical and Dental University
4) Tokyo Institute of Technology and Tokyo University of Foreign Studies
5) Hitostusbashi University and Tokyo Medical and Dental University (Tokyo Institute of Technology is NOT participating in this program.)

As of May 1, 2012

Enrollment in Tokyo Tech-Tsinghua University Joint Graduate Program

A dual master's degree can be earned upon the completion of supervised studies and the submission of a graduate thesis at both universities under this program. For the doctoral program, thesis submission to either participating university is necessary to meet the degree requirements.

	Academic year 2010			Academic year 2011			Academic year 2012		
	Master's Program		Doctoral Program	Master's Program		Doctoral Program	Master's Program		Doctoral Program
	Tokyo Institute of Technology	Tsinghua University		Tokyo Institute of Technology	Tsinghua University		Tokyo Institute of Technology	Tsinghua University	
Nanotechnology Course	0	4	1	0	3	1	5	Figure to be fixed in October 2012	Figure to be fixed in October 2012
Bioscience and Biotechnology Course	0	2	1	3	2	1	3		
Decision Science and Technology Course	1	3	1	3	3	2	4		
Total	1	9	3	6	8	4	12		

INTERNATIONAL COLLABORATION

International collaboration creates new opportunities and expands the global reach of Tokyo Institute of Technology for the benefit of all participants. International agreements covering academic and student exchange offer a bridge between Japan and over three dozen countries on all continents, which students and researchers can use to further their research and share their progress with an ever-growing community of top-level scientists. Specifically, Tokyo Institute of Technology has reorganized its international functions under the International Office, which formulates Institute's global strategy to strengthen collaborative partnerships abroad, while domestically focusing on developing a more international environment on campus. This internationalization makes it easier for overseas researchers to come to Japan and better prepares Japanese researchers to go abroad.

International Office

http://www.ipo.titech.ac.jp/english/

Domestic Students
- Help improve English proficiency and/or other foreign language skills
- Encourage study abroad
- Foster an international mindset

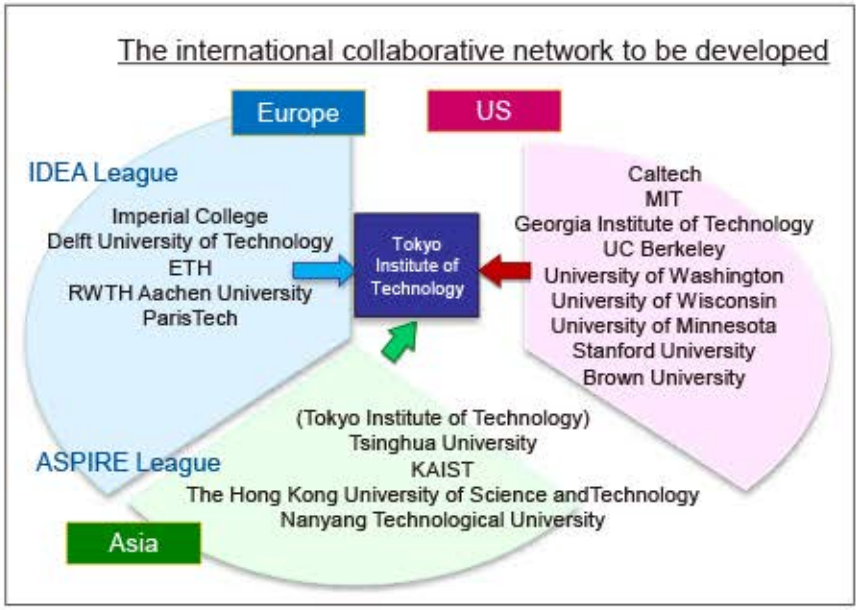
International Students
- Conduct more PR programs
- Reinforce scholarship system
- Promote cooperation with partner universities

- Provide support to enhance English proficiency
- Increase multinational academic staff
- Promote exchanges with overseas institutions
- Increase the number of visiting scholars from overseas

- Reorganize into the integrated international office
- Establish an international advisory board
- Improve English-language skills among office staff
- Provide more information in English
- Support international industry-university-government alliance projects

- Restructure and reinforce the International Graduate Program
- Provide distance learning opportunities to overseas students
- Joint postgraduate programs
- Education via satellite communications networks or over the Internet

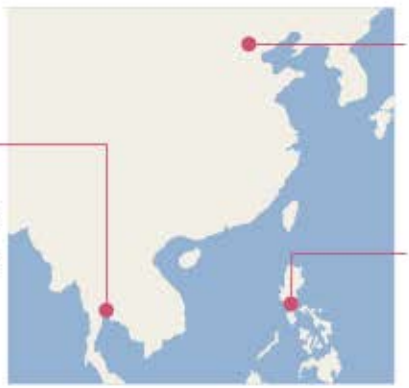
International Networks



Tokyo Institute of Technology is active in developing international networks with leading science and engineering universities around the globe.

Overseas Offices

Tokyo Institute of Technology has university-wide exchange agreements and departmental agreements with about to 200 institutions worldwide. To facilitate strategic and collaborative partnerships, we have established three overseas offices in Thailand, the Philippines, and China.



Tokyo Tech Thailand Office

Founded in the Thailand Science Park in 2002, this office offers distance education using satellite communications systems and high-speed Internet, while also conducting a project called Thailand Advanced Institute of Science and Technology-Tokyo Tech (TAIST) in cooperation with the National Science and Technology Development Agency of Thailand (NSTDA).

Tokyo Tech China Office

Founded in 2006 on the Tsinghua University Campus, Beijing, this office seeks to promote exchange programs. Notably, the Tokyo Institute of Technology-Tsinghua University Joint Graduate Program allows students to obtain a dual degree.

Tokyo Tech Philippines Office

Founded in 2005 on the De La Salle University Campus, Manila, satellite communications systems and a TV conference system are utilized to support the various research and education projects under way, reflecting the longstanding friendship between the two countries.

JSPS International Scientific Cooperation Programs Awarded to Tokyo Tech

(FY2011)

Programs	Number of programs
Bilateral Programs (Joint Research Projects and Seminars)	10 (2)
Asia and Africa (AA) Science Platform Program	1 (1)
Asian CORE Program	1 (1)
JSPS Core-to-Core Program	1 (1)
G8 Research Councils Initiative on Multilateral Research Funding	1 (1)
International Scientific Meetings in Japan	2
Program for Sending Researchers to Specified Countries	1
JSPS RONPAKU (Dissertation Ph.D.) Program	5 (4)
Postdoctoral Fellowship for Research Abroad	5
Institutional Program for Young Researcher Overseas Visits	2 (2)
Strategic Young Researcher Overseas Visits Program for Accelerating Brain Circulation	2 (1)
JSPS International Training Program	2 (2)

Programs	Number of programs
Invitation Program for East Asian Young Researchers	1
Invitation Fellowship Programs for Research in Japan (short-term)	11 (1)
Invitation Fellowship Programs for Research in Japan (long-term)	2
Invitation Fellowship Programs for Research in Japan (nominated by counterpart institution)	3
Postdoctoral Fellowship for Foreign Researchers (standard)	40 (29)
JSPS Postdoctoral Fellowship Program (short-term) for North American and European Researchers	3
JSPS Summer Program	4
HOPE Meetings	3
ESF-JSPS Frontier Science Conference Series for Young Researchers	1

Note: Figures given in parentheses represent the number of ongoing programs which have started in or before 2010. JSPS stands for the Japan Society for the Promotion of Science.

Dispatch of Technical Cooperation Experts by Japan International Cooperation Agency (JICA)

(FY2011)

Name	Affiliation	Project Title	Country	Period
MATSUSHITA Yoshihisa	Graduate School of Science and Engineering	Egypt-Japan University for Science and Technology	Egypt	May 2, 2010-May 1, 2013
MIKI Chitoshi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	April 17, 2011-Apil 20, 2011
MIKI Chitoshi	Graduate School of Science and Engineering	Egypt-Japan University for Science and Technology	Egypt	April 28, 2011-May 5, 2011
MIKI Chitoshi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	May 23, 2011-May 26, 2011
MIKI Chitoshi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	June 19, 2011-June 22, 2011
MIKI Chitoshi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	July 12, 2011-July 15, 2011
ARAKI Kiyomichi	Graduate School of Science and Engineering	Industrial Human Resource Development Project	Cambodia	July 31, 2011-Aug 3, 2011
INABA Kazuaki	Graduate School of Science and Engineering	Industrial Human Resource Development Project	Cambodia	July 31, 2011-Aug 6, 2011
TAKADA Junichi	Graduate School of Science and Engineering	Industrial Human Resource Development Project	Cambodia	July 31, 2011-Aug 10, 2011
MIKI Chitoshi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	Aug 2, 2011-Aug 6, 2011
MIKI Chitoshi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	Sep 19, 2011-Sep 23, 2011
NISHIHARA Akinori	Graduate School of Decision Science and Technology	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	Sep 22, 2011-Sep 27, 2011
YOSHIKAWA Kunio	Interdisciplinary Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Indonesia, Vietnam	Oct 3, 2011-Oct 14, 2011
MIKI Chitoshi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	Oct 9, 2011-Oct 13, 2011
YAI Tetsuo	Interdisciplinary Graduate School of Science and Engineering	Project for Urban Transport Planning in Municipality of Phnom Penh (UTPPP)	Cambodia	Oct 16, 2011-Oct 22, 2011
ABE Naoya	Graduate School of Science and Engineering	Project Research on "Analysis of Current Situation and Problems on Capacity Development Activities in Environmental Management Sector" (Asia)	Philippines	Oct 16, 2011-Oct 22, 2011
MIKI Chitoshi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	Oct 19, 2011-Oct 22, 2011
MATSUMOTO Koji	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	Oct 24, 2011-Oct 27, 2011
MIURA Hiroyuki	Interdisciplinary Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	Oct 24, 2011-Oct 27, 2011
YAMAKITA Masaki	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Vietnam	Nov 6, 2011-Nov 10, 2011
KURABAYASHI Daisuke	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Indonesia, Malaysia	Nov 9, 2011-Nov 14, 2011
TAKEMURA Jiro	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Indonesia	Nov 20, 2011-Nov 26, 2011
MORI Shinsuke	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Indonesia	Nov 21, 2011-Nov 24, 2011
YOSHIMURA Chihiro	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Indonesia	Nov 21, 2011-Nov 24, 2011
YOSHIKAWA Kunio	Frontier Research Center	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Vietnam, Cambodia	Dec 11, 2011-Dec 18, 2011
NAKASAKI Kiyohiko	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Philippines	Dec 12, 2011-Dec 16, 2011
MIKI Chitoshi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	Dec 19, 2011-Dec 23, 2011
INOUE Hirotsugu	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Vietnam	Dec 25, 2011-Dec 28, 2011
KITAZUME Masaki	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Vietnam	Jan 7, 2012-Jan 11, 2012
YOSHIKAWA Kunio	Frontier Research Center	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Indonesia	Jan 17, 2012-Jan 20, 2012
NAKASAKI Kiyohiko	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	Jan 17, 2012-Jan 20, 2012
SAAVEDRA VALERIANO Oliver Cristian	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	Jan 17, 2012-Jan 20, 2012
TAKEMURA Jiro	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	Jan 17, 2012-Jan 21, 2012
YOSHIMURA Chihiro	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand, Cambodia	Jan 17, 2012-Jan 25, 2012
MIKI Chitoshi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	Jan 19, 2012-Jan 26, 2012
TANJI Yasunori	Graduate School of Bioscience and Biotechnology	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	Jan 25, 2012-Jan 28, 2012
TAKAHASHI Kunio	Graduate School of Science and Engineering	Project for Welding Technique Improvement	Indonesia	Feb 4, 2012-Feb 6, 2012
SUZUKI Masaaki	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Malaysia	Feb 8, 2012-Feb 11, 2012
HINODE Hirofumi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Malaysia	Feb 8, 2012-Feb 11, 2012
MARUYAMA Toshio	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Indonesia	Feb 9, 2012-Feb 12, 2012
MIKI Chitoshi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	Feb 15, 2012-Feb 20, 2012
ARAKI Kiyomichi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	May 4, 2012-May 7, 2012
HINODE Hirofumi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Vietnam	May 7, 2012-May 10, 2012
SALIM Chris	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Vietnam	May 7, 2012-May 10, 2012
KITAZUME Masaki	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Vietnam	May 9, 2012-May 12, 2012
TANAKA Yoshitoshi	Graduate School of Decision Science and Technology	Project for Strengthening Intellectual Property Rights Protection	Indonesia	May 10, 2012-May 18, 2012
YAMAKITA Masaki	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Cambodia	May 11, 2012-May 25, 2012
MIKI Chitoshi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	May 18, 2012-May 20, 2012
HINODE Hirofumi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	May 18, 2012-May 21, 2012
TAKADA Junichi	Graduate School of Science and Engineering	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Thailand	May 19, 2012-May 24, 2012
TANJI Yasunori	Graduate School of Bioscience and Biotechnology	ASEAN University Network/Southeast Asia Engineering Education Development Network/AUN/SEED-Net Phase2	Cambodia	May 24, 2012-May 31, 2012
AMAYA Kenji	Graduate School of Information Science and Engineering	Project for Educational Capacity Development of Institute of Technology of Cambodia (ITC)	Cambodia	May 30, 2012-Apr 3, 2012
TAKADA Junichi	Graduate School of Science and Engineering	Project for Educational Capacity Development of Institute of Technology of Cambodia (ITC)	Cambodia	May 30, 2012-Apr 4, 2012
MIZUTANI Yoshihiro	Graduate School of Science and Engineering	Project for Educational Capacity Development of Institute of Technology of Cambodia (ITC)	Cambodia	May 30, 2012-Apr 4, 2012

INTERNATIONAL COLLABORATION

Academic Cooperation Agreements (University-Wide Agreements)

As of May 1, 2012

Country and Area		University/Institute	Concluded	Area of Exchange
Asia	China	Harbin Institute of Technology	10/1980	F.S.I.
		Tsinghua University	4/1985	F.S.I.
		Shanghai Jiao Tong University	8/1991	F.S.I.
		Xi'an Jiaotong University	8/1991	F.S.I.
		Zhejiang University	9/1993	F.S.I.
		Beijing Institute of Technology	12/1993	F.S.I.
		University of Science and Technology of China	9/1997	F.S.I.
		Dalian University of Technology	11/2006	F.S.I.
		Tongji University	4/2007	F.S.I.
		Tianjin University	8/2007	F.S.I.
		The Hong Kong University of Science and Technology	4/2010	F.S.I.
	Indonesia	Bandung Institute of Technology	6/1988	F.S.I.
		Universitas Indonesia	12/1992	F.S.I.
		Universitas Gadjah Mada	2/2000	F.S.I.
	Korea	Korea Advanced Institute of Science and Technology (KAIST)	5/1986	F.S.I.
		Korea Institute of Science and Technology (KIST)	12/1991	F.I.
		Korea Maritime University	7/1992	F.S.I.
		Korea University	9/1992	F.S.I.
		Kyungpook National University	7/1993	F.S.I.
		Hanyang University	4/1996	F.S.I.
		Yonsei University	4/2002	F.S.I.
		Pohang University of Science and Technology	3/2003	F.S.I.
		Seoul National University	3/2007	F.S.I.
		Sungkyunkwan University	10/2008	F.S.I.
	Mongolia	Mongolian University of Science and Technology	6/2003	F.S.I.
		National University of Mongolia	4/2007	F.S.I.
	Philippines	De La Salle University	5/1992	F.S.I.
		University of the Philippines	8/1992	F.S.I.
	Singapore	National University of Singapore	2/1991	F.S.I.
		Nanyang Technological University	12/2009	F.S.I.
	Taiwan	National Cheng Kung University	11/1997	F.S.I.
		National Tsing Hua University	11/1998	F.S.I.
		National Taiwan University	1/1999	F.S.I.
		National Chiao Tung University	11/2004	F.S.I.
		National Central University	10/2007	F.S.I.
	Thailand	Chulalongkorn University	10/1985	F.S.I.
		King Mongkut's Institute of Technology Ladkrabang	11/1992	F.S.I.
		Thammasat University	3/1996	F.S.I.
		Kasetsart University	12/1996	F.S.I.
		National Science and Technology Development Agency (NSTDA)	9/2001	F.S.I.
		King Mongkut's University of Technology North Bangkok	1/2005	F.S.I.
		Asian Institute of Technology	12/2005	F.S.I.
Asia	Thailand	TAIST-Tokyo Tech	12/2006	F.S.I.
		King Mongkut's University of Technology Thonburi	10/2007	F.S.I.
	Vietnam	Hanoi University of Science and Technology	8/1995	F.S.I.
		Hanoi University of Science	8/1995	F.S.I.
		Ho Chi Minh City University of Technology	2/2012	F.S.I.
North America	Canada	University of Waterloo	12/2006	F.S.I.
	U.S.A.	University of Washington	5/1974	F.S.I.
		Georgia Institute of Technology	1/2001	F.S.I.
		University of California, Berkeley	4/2012	F.S.I.
Central and South America	Brazil	Universidade de São Paulo	5/1991	F.S.I.
Europe	Belgium	Ghent University	9/1992	F.S.I.
	Denmark	Technical University of Denmark	9/1992	F.S.I.
		Carlsberg Laboratory and University of Copenhagen	8/2007	F.S.I.
	Finland	Aalto University	10/1995	F.S.I.
		Lappeenranta University of Technology	4/1999	F.S.I.
	France	École Nationale des Ponts et Chaussées (École des Ponts ParisTech)*	9/1992	F.S.I.
		École Nationale Supérieure d'Arts et Métiers (Arts et Métiers ParisTech)*	4/2002	F.S.I.
		University of Rennes 1	5/2002	F.S.I.
		Université de Strasbourg	4/2004	F.S.I.
		École Polytechnique*	2/2006	S.
		Paris Tech**	4/2007	F.S.I.
		École Nationale Supérieure des Mines de Paris (Mines Paris Tech)*	4/2007	F.S.I.
	Germany	Technische Universität München	7/1982	F.S.I.
		Universität Stuttgart	4/1992	F.S.I.
		Johannes Gutenberg-Universität Mainz	8/2001	F.S.I.
		Leibniz Universität Hannover	2/2004	F.S.I.
		Rheinisch-Westfälische Technische Hochschule Aachen	9/2007	F.S.I.
		Berlin Institute of Technology	10/2008	F.S.I.
	Italy	University of Bologna	3/1997	F.S.I.
		The University of Rome La Sapienza	9/1998	F.S.I.
		Politecnico di Milano	5/2002	F.S.I.
	Netherlands	Delft University of Technology	2/2009	F.S.I.
	Norway	Norwegian University of Science & Technology	2/1993	F.S.I.
	Sweden	Royal Institute of Technology (KTH)	9/1991	F.S.I.
		Chalmers University of Technology	10/1992	F.S.I.
		Linköping University	2/2008	F.S.I.
	Switzerland	Swiss Federal Institute of Technology, Zurich (ETH)	9/1978	F.S.I.
		University of Zurich	7/2007	F.S.I.
		École Polytechnique Federale de Lausanne (EPFL)	3/2011	F.S.I.

Country and Area		University/Institute	Concluded	Area of Exchange
Europe	U.K.	University of Strathclyde	2/1993	F.S.I.
		Churchill College, University of Cambridge	3/2001	F.I.
		University of Durham	11/2010	F.S.I.
Oceania	Australia	University of Melbourne	8/1994	F.S.I.
		University of Technology Sydney	4/2003	F.S.I.

Country and Area		University/Institute	Concluded	Area of Exchange
Middle East	Iran	Sharif University of Technology	11/2000	F.S.I.
	Turkey	Middle East Technical University	12/1992	F.S.I.
		Boğaziçi University	3/1998	F.S.I.

Note: * French "grandes ecoles"
** Institution created by "grandes ecoles" of science and technology in Paris
F stands for faculty, staff and/or researchers, S for students, and I for academic information.

Academic Cooperation Agreements (School-to-School Agreements)

As of May 1, 2012

Country and Area		University/Institute	Counterpart	Concluded	Area of Exchange
Asia	China	University of Science and Technology, Beijing	School of Eng./Interdisciplinary Graduate School of Sci. and Eng.	8/1980	F.I.
		Tsinghua University (Center of Science, Technology and Society)	Graduate School of Decision Sci. and Tech. (Industrial Eng. and Management)	9/2001	F.S.I.
		Dalian University of Technology (School of Materials Science and Engineering)	Graduate School of Sci. and Eng. (Metallurgy and Ceramics Sci.)	3/2008	F.S.I.
		Northeast Normal University (School of Physics, School of Urban and Environmental Science, and School of Computer Science)	Interdisciplinary Graduate School of Sci. and Eng.	6/2008	F.S.I.
		Nanjing University of Science and Technology (School of Mechanical Engineering)	Interdisciplinary Graduate School of Sci. and Eng.	9/2009	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	11/2009	F.S.I.
		Southeast University (State Key Laboratory of Bioelectronics)	Chemical Resources Laboratory	1/2010	F.S.I.
		Beijing University of Chemical Technology (College of Materials Science and Engineering)	Chemical Resources Laboratory	1/2010	F.S.I.
		Southeast University (School of Biological Science and Medical Engineering)	Interdisciplinary Graduate School of Sci. and Eng.	3/2010	F.S.I.
		Beijing University of Chemical Technology (College of Materials Science and Engineering)	Interdisciplinary Graduate School of Sci. and Eng.	3/2010	F.S.I.
		University of Electronic Science and Technology of China (School of Microelectronics and Solid Electronics)	Chemical Resources Laboratory	6/2011	F.S.I.
		Beijing Normal University (College of Water Sciences)	Interdisciplinary Graduate School of Sci and Eng. (Environmental Science and Technology)	9/2011	F.S.I.
		Shanghai Jiao Tong University (School of Life Sciences and Biotechnology)	Graduate School of Bioscience and Biotechnology	12/2011	S.
		Research Institute of Southeast University in Suzhou	Chemical Resources Laboratory	12/2011	F.S.I.
		Graduate School of Nanjing University	Interdisciplinary Graduate School of Sci. and Eng.	4/2012	F.S.I.
	India	VIT University (School of Information Technology and Engineering (SITE))	Graduate School of Information Sci. and Eng.	5/2010	F.S.I.
		Indian Institute of Technology Madras (Department of Biotechnology)	Global Scientific Information and Computing Center	11/2011	F.S.I.
	Indonesia	Indonesian National Atomic Energy Agency	Research Lab. for Nuclear Reactors	6/1997	F.I.
		Institute Technology of Bandung (Faculty of Mining and Petroleum Engineering)	Interdisciplinary Graduate School of Sci. and Eng.	10/2011	S.
		Universitas Indonesia (Faculty of Computer Science)	Imaging Science and Engineering Laboratories	12/2011	F.S.I.
	Kazakhstan	Al-Farabi Kazakh National University (Chemistry Faculty)	Graduate School of Sci. and Eng. (Chemical Eng.)	11/2006	F.S.I.
		Kazakh-British Technical University (Faculty of Energy and Oil and Gas Industry)	Graduate School of Sci. and Eng. (Chemical Eng.)	11/2006	F.S.I.
	Korea	Inha University (Department of Chemical Engineering)	Graduate School of Sci. and Eng. (Chemical Eng.)	2/2000	F.S.I.
		Korea University (Department of Materials Science and Engineering)	Graduate School of Sci. and Eng. (Metallurgy and Ceramics Sci.)	10/2005	F.S.I.
		Korea Institute of Machinery & Materials	Precision and Intelligence Lab.	4/2008	F.I.
		Chungnam National University (Department of Architectural Engineering, College of Engineering)	Interdisciplinary Graduate School of Sci. and Eng. (Environmental Science and Technology)	2/2012	F.S.I.
	Laos	Government of Luang Prabang, Lao PDR (Department of Heritage Luang Prabang)	Graduate School of Sci. and Eng. (International Development Eng.) and Global Scientific Information and Computing Center	4/2006	F.I.
	Mongolia	National University of Mongolia (Nuclear Research Center)	Center for Research into Innovative Nuclear Energy Systems	9/2011	F.S.I.
	Philippines	University of the Philippines (Dept. of Civil Eng., TTC, NHRC, SURP)	School of Eng. (Civil and Environmental Eng.)	4/1993	F.S.I.
		De La Salle University (Dept. of Chemical Engineering)	Graduate School of Sci. and Eng. (Chemical Eng.)	9/2005	F.S.I.
		Technological University of the Philippines (College of Engineering)	Graduate School of Sci. and Eng. (International Development Eng.)	9/2010	F.S.I.

INTERNATIONAL COLLABORATION

Country and Area		University/Institute	Counterpart	Concluded	Area of Exchange
Asia	Taiwan	National Central University (Research Center for Hazard Mitigation and Prevention)	Center for Urban Earthquake Engineering	11/2005	F.S.I.
		National Taiwan University (College of Engineering/College of Electrical Engineering and Computer Science)	School of Engineering	5/2011	S.
	Thailand	Thammasat University (Chemical Engineering Dept., Faculty of Engineering)	Graduate School of Sci. and Eng. (Chemical Eng.)	9/2006	F.S.I.
		Chulalongkorn University (Faculty of Engineering)	Global Scientific Information and Computing Center	6/2007	F.I.
		Chiang Mai University (Faculty of Engineering)	Graduate School of Engineering	3/2010	F.S.I.
		Chiang Mai University (Faculty of Engineering)	Global Scientific Information and Computing Center	3/2010	F.I.
		Chulalongkorn University (Department of Nuclear Technology, Faculty of Engineering)	Research Lab. for Nuclear Reactors	5/2010	F.I.
		Mahidol University (Faculty of Science and Faculty of Graduate Studies)	Graduate School of Bioscience and Biotechnology	6/2010	F.S.I.
		United Nations Educational Scientific and Cultural Organization, Asia and Pacific Regional Bureau for Education (UNESCO BANGKOK)	Global Scientific Information and Computing Center, and Graduate School of Engineering (International Development Engineering)	2/2011	F.S.I.
		Thailand Institute of Nuclear Technology	Research Lab. for Nuclear Reactors	7/2011	F.I.
	Vietnam	Vietnam Atomic Energy Commission	Research Lab. for Nuclear Reactors	11/1999	F.I.
		Hanoi University of Science (Department of Physics)	Research Lab. for Nuclear Reactors	10/2003	F.S.I.
		Hanoi University of Science and Technology Hitachi-GE Nuclear Energy, Ltd.	Research Lab. for Nuclear Reactors	4/2011	F.S.I.
		Electric Power University	Research Lab. for Nuclear Reactors	7/2011	F.I.
		Le Quy Don Technical University (Faculty of Information Technology)	Center for Agent-Based Social Systems Sciences	11/2011	F.S.I.
North America	Canada	Environment Canada (Numerical Prediction Research Division)	Global Scientific Information and Computing Center	12/2002	F.I.
	U.S.A.	University of Washington (Dept. of Architecture, School of Architecture & Urban Planning)	School of Eng. (Architecture and Building Eng.)	1/1978	F.S.I.
		Massachusetts Institute of Technology (Dept. of Mechanical Engineering)	School of Eng. (Control and Systems Eng.)	6/1991	F.S.I.
		Stanford University (Department of Mechanical Engineering)	Graduate School of Sci. and Eng.(Mechanical Engineering Departments)	10/1999	F.S.I.
		University of California, San Diego (San Diego Supercomputer Center)	Global Scientific Information and Computing Center	1/2003	F.I.
		University of Minnesota (Institute of Technology)	School of Engineering	2/2005	S.
		Massachusetts Institute of Technology (Center for Advanced Nuclear Energy Systems)	Center for Research into Innovative Nuclear Energy Systems	2/2006	F.S.I.
		Rice University (Department of Electrical and Computer Eng.)	Imaging Science and Engineering Laboratories	5/2006	F.S.I.
		Rice University (Electrical and Computer Engineering)	Interdisciplinary Graduate School of Sci. and Eng. (Electronics and Applied Physics)	2/2008	F.S.I.
		Rice University (Richard E. Smalley Institute for Nanoscale Science & Technology)	Graduate School of Sci. and Eng. (Condensed Matter Physics)	2/2008	F.S.I.
		College of Engineering of the University of California, Berkeley (Pacific Earthquake Engineering Research Center)	Center for Urban Earthquake Engineering	2/2008	F.S.I.
		Pennsylvania State University (Dept. of Materials Science and Engineering)	Graduate School of Sci. and Eng. (Ceramics Science Division in the Dept. of Metallurgy and Ceramic Science)	4/2009	F.S.I.
		University of Wisconsin-Madison (College of Engineering)	Graduate School of Sci. and Eng.	9/2010	S.
		University of Hawaii at Manoa (Mechanical Engineering)	Graduate School of Sci. and Eng. (Mechanical and Control Engineering)	3/2011	F.S.I.
		University of Hawaii at Manoa (College of Languages, Linguistics, and Literature)	Graduate School of Decision Science and Technology	3/2012	F.S.I.
Europe	Austria	Vienna University of Technology (Faculty of Architecture and Planning)	School of Engineering	9/2009	F.S.I.
	Finland	University of Jyväskylä (Faculty of Information Technology and Agora Center)	Graduate School of Decision Science and Technology	3/2009	F.S.I.
	France	École d'Architecture de Paris la Villette	School of Engineering	7/2000	S.
		CEMHTI, Centre National de la Recherche Scientifique	Research Lab. for Nuclear Reactors	9/2008	F.S.I.
		Ecole National des Ponts et Chaussees	Graduate School of Sci. and Eng., Decision Sci. and Tech., Interdisciplinary Graduate School of Sci. and Eng.	9/2010	F.S.I.
		Telecom ParisTech	Graduate School of Decision Science and Technology	3/2012	F.S.I.
		Pierre et Marie Curie University	Graduate School of Sci. and Eng.	3/2012	S.
	Germany	Paul-Drude-Institut Berlin	Quantum Nanoelectronics Research Center	9/1994	F.I.
		Forschungszentrum Karlsruhe GmbH	Research Lab. for Nuclear Reactors	2/1998	F.I.
		Ludwig-Maximilians-Universität Munchen (Humanwissenschaftliches Zentrum)	Interdisciplinary Graduate School of Sci. and Eng.	5/2001	F.S.I.
		German Cancer Research Center	Graduate School of Bioscience and Biotechnology	5/2008	F.S.I.
		Fraunhofer Ernst-Mach-Institut	Materials and Structures Lab.	11/2008	F.S.I.

Country and Area		University/Institute	Counterpart	Concluded	Area of Exchange
Europe	Germany	Max Planck Institute (Center for Adaptive Behavior and Cognition)	Graduate School of Decision Science and Technology	3/2009	F.S.I.
		Heidelberg University, Institute of Pharmacy and Molecular Biotechnology (IPMB)	Graduate School of Bioscience and Biotechnology	9/2009	F.S.I.
		Heidelberg University (Biochemistry Center)	Graduate School of Bioscience and Biotechnology	9/2009	F.S.I.
		Hamburg University of Technology (School of Management Science and Technology)	Graduate School of Decision Science and Technology	10/2010	F.S.I.
		University of Erlangen-Nuremberg (School of Engineering)	Global Scientific Information and Computing Center	11/2010	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	2/2012	S.
	Italy	Instituto dei Materiali per l' Elettronica ed il Magnetismo, Consiglio Nazionale delle Ricerche	Graduate School of Science and Engineering	10/2007	F.S.I.
		University of Trento (Faculty of Cognitive Science)	Graduate School of Decision Science and Technology	2/2010	F.S.I.
		University of Pisa (Faculty of Engineering)	Graduate School of Engineering	4/2010	F.S.I.
		Institute for Computing Applications-National Research Council (CNR)	Global Scientific Information and Computing Center	2/2011	F.I.
	Romania	Babes-Bolyai University of Cluj-Napoca (Faculty of Physics)	Research Lab. for Nuclear Reactors	3/2008	F.S.I.
	Russia	Boreskov Institute of Catalysis (BIC)	Research Lab. for Nuclear Reactors	1/2008	F.S.I.
	Serbia	University of Belgrade (Vinca Institute of Nuclear Sciences)	Research Lab. for Nuclear Reactors	4/2011	F.S.I.
		University of Belgrade (Faculty of Mechanical Engineering)	Interdisciplinary Graduate School of Sci. and Eng.	3/2012	F.S.I.
	Slovenia	University of Ljubljana (Faculty of Arts)	International Student Center	2/2007	F.S.I.
	Spain	University of Seville (Department of Condensed Matter Physics)	Materials and Structures Laboratory	3/2010	F.S.I.
		Universidad Politécnica de Madrid	Graduate School of Engineering	5/2010	F.S.I.
	Switzerland	University of Geneva (Faculty of Science)	School of Sci., School of Eng., Interdisciplinary Graduate School of Science and Engineering	4/2002	F.S.I.
		École Polytechnique Fédérale de Lausanne (EPFL) (Institute of Bioengineering)	Graduate School of Bioscience and Biotechnology	9/2009	F.S.I.
		École Polytechnique Fédérale de Lausanne (EPFL), Institute of the Physics of Biological System (IPSB)	Graduate School of Bioscience and Biotechnology	9/2009	F.S.I.
	U.K.	University of Cambridge (Dept. of Engineering)	Graduate School of Engineering	4/2005	S.
		Imperial College of Science, Technology and Medicine (Faculty of Engineering)	Graduate School of Science and Engineering	4/2005	S.
		University of Oxford (Dept. of Engineering Science)	Graduate School of Science and Engineering	10/2006	S.
		University of Warwick (School. of Eng.)	Graduate School of Science and Engineering	10/2007	S.
		University of Oxford (Dept. of Chemistry)	Graduate School of Science and Engineering	1/2008	S.
		University of Cambridge (Dept. of Chemistry)	Graduate School of Science and Engineering	4/2008	S.
		University of Oxford (Dept. of Materials)	Graduate School of Engineering	5/2008	S.
		University of Bristol (Earthquake Engineering Research Centre)	Center for Urban Earthquake Engineering	1/2009	F.S.I.
		University of York (Dept. of Chemistry)	Chemical Resources Laboratory	2/2011	F.S.I.
		University of Manchester (Photon Science Institute/School of Chemistry)	Chemical Resources Laboratory	2/2011	F.S.I.
		Imperial College of Science, Technology and Medicine (Dept. of Chemistry)	Graduate School of Bioscience and Biotechnology	3/2011	F.S.I.
		University of Southampton	Graduate School of Engineering	6/2011	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 Eng.)	8/1999	F.S.I.
Middle East	Turkey	Yildiz Technical University (Electrical-Electronics Engineering Faculty/Mechanical Engineering Faculty/Civil Engineering Faculty/Chemical and Metallurgical Engineering Faculty/ Naval Architecture and Maritime Faculty/Graduate School of Natural and Applied Sciences)	Graduate School of Engineering	7/2011	F.S.I.
Africa	Egypt	Assiut University	Research Lab. for Nuclear Reactors	2/2010	F.S.I.
		Egypt-Japan University of Science and Technology (E-JUST)	Graduate School of Sci. and Eng. Graduate School of Decision Science and Technology	1/2012	F.S.I.
	Tanzania	Tanzania Fisheries Research Institute	Graduate School of Bioscience and Biotechnology	4/2006	F.S.I.

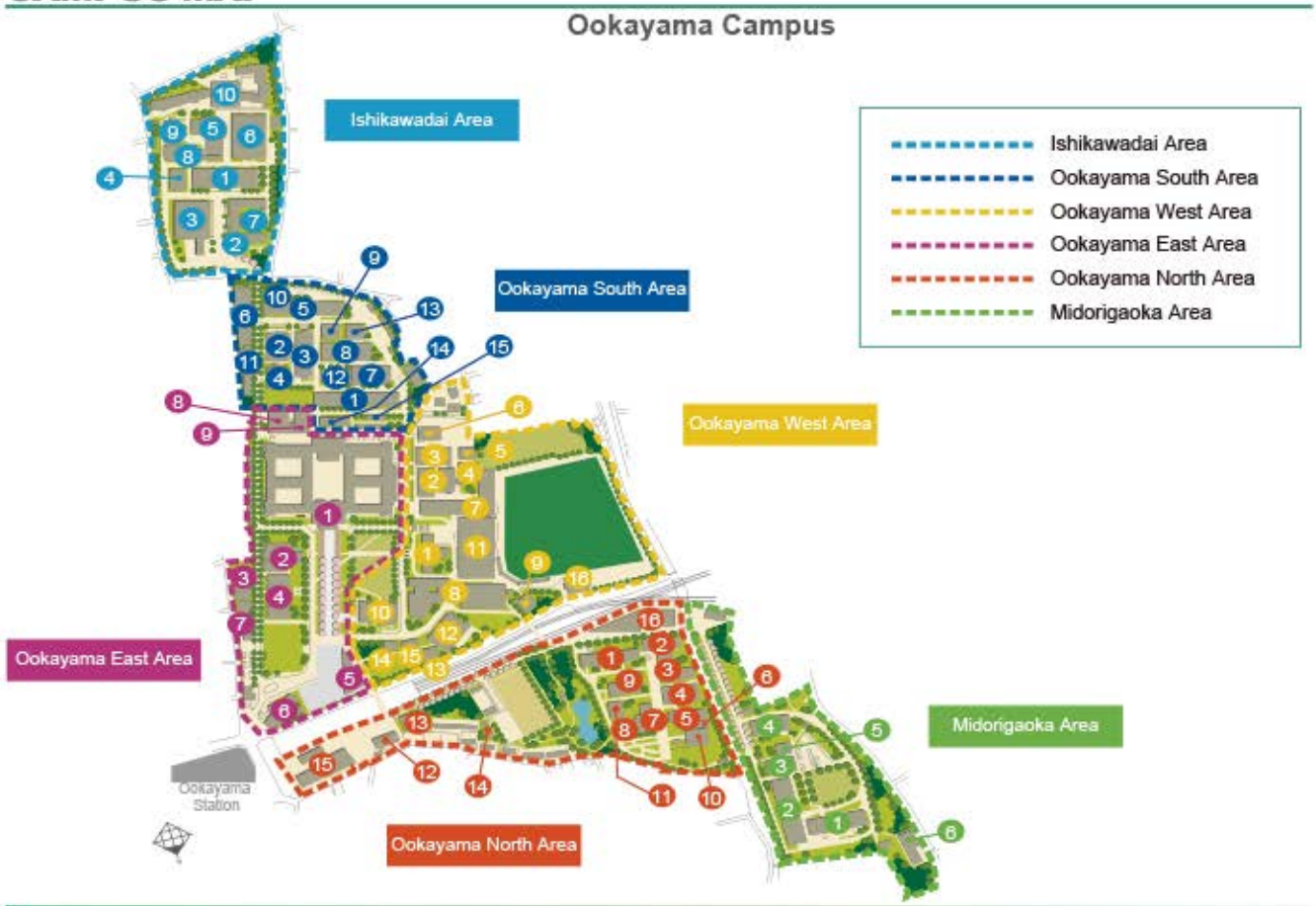
INTERNATIONAL COLLABORATION

Country and Area		University/Institute	Counterpart	Concluded	Area of Exchange
Other	League	Asia-Oceania Top University League on Engineering (AOTULE)	Graduate School of Engineering	3/2007	F.S.I.
	Consortium	Delft University of Technology (Faculty of Mechanical, Maritime and Materials Engineering), Netherlands; Technical University of Denmark (Dept. of Management Engineering and Mechanical Engineering), Denmark; Royal Institute of Technology (School of Industrial Engineering and Management), Sweden; Osaka University (Graduate School of Engineering) Japan; and, University of Tokyo (School of Engineering and Graduate School of Frontier Sciences), Japan	Graduate School of Sci. and Eng. (Mechanical Engineering Departments)	3/2009	S.
		European Nuclear Education Network Association, France; Institut national des sciences et techniques nucléaires, France; Ecole des Mines de Nantes, France; University Politehnica Bucharest (Faculty of Power Engineering), Romania; Slovak University of Technology in Bratislava (Department of Nuclear Physics and Technology), Slovakia; Kyoto University (Research Reactor Institute); and, Japan and Japan Atomic Energy Agency (Nuclear Human Resource Development Center), Japan	Graduate School of Engineering (Nuclear Engineering), Research Lab. for Nuclear Reactors	6/2010	S.
		European Nuclear Education Network Association	Graduate School of Engineering (Nuclear Engineering), Research Lab. for Nuclear Reactors	3/2009	F.S.I.
		Joint Research Center (JRC), European Commission/ Rosatom, Russia	Center for Research into Innovative Nuclear Energy Systems	11/2010	F.I.
		Erasmus Mundus BEAM	Graduate School of Engineering	7/2010	F.S.I.

Note: F stands for faculty, staff and/or researchers, S for students, and I for academic information.

TOKYO INSTITUTE OF TECHNOLOGY

CAMPUS MAP



Ishikawadai Area

1	Ishikawadai Bldg. 1	9,700 m²	6	Ishikawadai Bldg. 6	6,830 m²
2	Ishikawadai Bldg. 2	2,934 m²	7	Ishikawadai Lab. Bldg. 1	341 m²
3	Ishikawadai Bldg. 3	6,520 m²	8	Earth-Life Science Institute Bldg.	2,998 m²
4	Ishikawadai Bldg. 4	2,109 m²	9	Global Scientific Information and Computing Center (Collaboration)	1,180 m²
5	Ishikawadai Bldg. 5	2,653 m²	10	International House	4,453 m²

Ookayama South Area

1	South Bldg. 1	7,545 m²	9	South Bldg. 9	3,753 m²
2	South Bldg. 2	2,528 m²	10	South Lecture Bldg.	187 m²
3	South Bldg. 3	9,544 m²	11	South Lab. Bldg. 2	615 m²
4	South Bldg. 4	2,793 m²	12	South Lab. Bldg. 4	1,191 m²
5	South Bldg. 5	7,443 m²	13	Research Laboratory of Ultra-High Speed Electronics	935 m²
6	South Bldg. 6	3,605 m²	14	Research Center for Low Temperature Physics	474 m²
7	South Bldg. 7	6,890 m²	15	Laboratory of Low Temperature Physics	204 m²
8	South Bldg. 8	9,379 m²			

Ookayama West Area

1	West Bldg. 1	1,318 m²	8	West Bldg. 9	21,108 m²
2	West Bldg. 2	1,795 m²	9	Environment Safety Management Bldg.	374 m²
	West Bldg. 3	5,237 m²	10	70th Anniversary Auditorium	1,301 m²
3	West Bldg. 4	3,262 m²	11	Gymnasium	4,811 m²
4	West Bldg. 5	1,287 m²	12	Student Hall (Cafeteria)	2,981 m²
5	West Bldg. 6	854 m²	13	Extracurricular Bldg. 1	798 m²
6	West Bldg. 7	964 m²	14	Extracurricular Bldg. 2	214 m²
7	West Bldg. 8 (W)	9,830 m²	15	Extracurricular Bldg. 3	298 m²
	West Bldg. 8 (E)	8,000 m²	16	Extracurricular Bldg. 4	1,147 m²

Ookayama East Area

1	Main Bldg.	27,201 m²	6	Museum and Centennial Hall	2,687 m²
2	Administration Bureau Bldg. (1・2)	2,998 m²	7	Office of Industry Liaison (1・2)	787 m²
3	Administration Bureau Bldg. 3	599 m²	8	East Bldg. 1	2,870 m²
4	Global Scientific Information and Computing Center (Computing)	3,507 m²	9	East Bldg. 2	2,756 m²
5	Institute Library	8,588 m²			

Ookayama North Area

1	North Bldg. 1	3,275 m²	9	North Lab. Bldg. 6	998 m²
2	North Bldg. 2	3,330 m²	10	Van de Graaff Lab.	364 m²
3	North Lab. Bldg. 1	1,033 m²	11	Radioisotope Lab.	504 m²
4	North Lab. Bldg. 2A・2B	1,816 m²	12	Health Service Center	452 m²
5	North Lab. Bldg. 3A	695 m²	13	80th Anniversary Hall	704 m²
6	North Lab. Bldg. 3B	101 m²	14	Extracurricular Bldg. 5	121 m²
7	North Lab. Bldg. 4	732 m²	15	Tokyo Tech Front	4,076 m²
8	North Lab. Bldg. 5	200 m²	16	Green Hills Bldg.1 (Environmental Energy Innovation Bldg.)	9,554 m²

Midorigaoka Area

1	Midorigaoka Bldg. 1	6,595 m²	4	Midorigaoka Bldg. 4	1,256 m²
2	Midorigaoka Bldg. 2	1,509 m²	5	Midorigaoka Lecture Bldg.	193 m²
3	Midorigaoka Bldg. 3	2,554 m²	6	Research Center for Urban Infrastructure	1,155 m²

CAMPUS MAP

Suzukakedai Campus

B-Area	
❶ B1 Bldg.	7,723 m²
❷ B2 Bldg.	8,380 m²
❸ B1・B2-Annex A	2,753 m²
❹ B1・B2-Annex B	1,622 m²
❺ B1・B2-Annex C	980 m²

S-Area	
❶ S1 Bldg.	6,000 m²
❷ S2 Bldg.	7,687 m²
❸ S3 Bldg.	4,697 m²
❹ S4 Bldg.	613 m²
❺ S5 Bldg.	440 m²
❻ S6 Bldg.	593 m²
❼ S7 Bldg.	1,672 m²

R-Area	
❶ R1 Bldg.	8,180 m²
❷ R1-Annex A	1,395 m²
❸ R1-Annex B	216 m²
❹ R2 Bldg.	8,582 m²
❺ R2-Annex A	656 m²
❻ R2-Annex B	1,001 m²
❼ R2-Annex C	711 m²
❽ R3 Main Bldg.	4,865 m²
❾ R3-Annex A	200 m²
❿ R3-Annex B	225 m²
⓫ R3-Annex C	844 m²
⓬ R3-Annex D	1,500 m²

G-Area	
❶ G1 Bldg.	9,571 m²
❷ G2 Bldg.	7,665 m²
❸ G3 Bldg.	11,669 m²
❹ G4 Bldg.	1,865 m²
❺ G4-Annex A	494 m²
❻ G5 Bldg.	6,720 m²

H-Area	
❶ H1 Bldg.	3,191 m²
❷ H2 Bldg.	

J-Area	
❶ J1 Bldg.	6,277 m²
❷ J2・J3 Bldg.	29,272 m²

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

Tamachi Campus

Tokyo Tech Facilities

Location/Area	Facilities	Address
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
	Tokyo Institute of Technology International House	1-1-18 Ishikawa-cho,Ota-ku, Tokyo 145-0061
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
Tamachi	**Tamachi Campus** Tokyo Tech High School of Science and Technology	3-3-6 Shibaura, Minato-ku, Tokyo 108-0023
Matsukazedai	Shofu Gakusha Dormitory	21-13 Matsukazedai, Aoba-ku, Yokohama, Kanagawa Prefecture 227-0067
Umegaoka	Umegaoka Dormitory	17-2 Umegaoka, Aoba-ku, Yokohama, Kanagawa Prefecture 227-0052
Toda	Toda Boat House	1-55 Toda-Koen, Toda-shi, Saitama Prefecture 335-0024
Enzan	Yanagisawa-Toge Mountain Hut	2319-1 Aza-Namezawa, Oaza-Oyashiki, Enzan, Koshu-shi, Yamanashi Prefecture 402-0211
Kusatsu	Kusatsu-Shirane Volcano Observatory	641-36 Aza-Takijirihara, Oaza-Kusatsu, Kusatsu-cho, Agatsuma-gun, Gunma Prefecture 377-1711

HISTORY

History

1881 May
Tokyo Institute of Technology was founded by the Japanese Government, Department of Education, as the Tokyo Technical School.

1890 March
Tokyo Technical School was renamed Tokyo Technical School.

1901 May
Tokyo Technical School was renamed Tokyo Higher Technical School.

1929 April
The status of Tokyo Higher Technical School was elevated to a degree-conferring university as **Tokyo Kogyo Daigaku** (Tokyo Institute of Technology).

1949 May
The enactment of the National School Establishment Law promoted the reorganization of Tokyo Institute of Technology so as to comply with the nation's education system reform, extending its three-year courses into four years and establishing the School of Engineering within the university.

1951 April
The former Denpa Kogei High School and Kogei High School of Chiba University were integrated into the Technical High School, the Institute's affiliated high school.

1953 April
The Graduate School of Engineering was established.

1954 April
Tokyo Tech's six Research Laboratories: the Research Laboratory of Building Materials, the Research Laboratory of Resources Utilization, the Research Laboratory of Precision Machinery, the Research Laboratory of Ceramic Industry, the Research Laboratory of Electronics, and the Research Laboratory of Fuel Science, which were established in 1934, 1939, 1939, 1943, 1944, and 1944, respectively, were integrated and reorganized into four research laboratories: the Research Laboratory of Building Materials, the Research Laboratory of Resources Utilization, the Precision and Intelligence Laboratory and the Research Laboratory of Ceramic Industry.

1955 July
The School of Engineering was renamed the School of Science and Engineering.

1956 April
The Graduate School of Engineering was renamed the Graduate School of Science and Engineering.

1958 April
The Research Laboratory of Building Materials and the Research Laboratory of Ceramic Industry were integrated and reorganized into the Research Laboratory of Engineering Materials.

1964 April
The Research Laboratory for Nuclear Reactors was established.

1967 June
The School of Science and Engineering was divided into the School of Science and the School of Engineering. Tokyo Institute of Technology's affiliated high school, the Technical High School, was attached to the School of Engineering.

1971 April
The Health Service Center was established.

1975 April
The Interdisciplinary Graduate School of Science and Engineering was established at the Nagatsuta Campus (the current Suzukakedai Campus).

1976 May
The Computer Center was established.

1979 April
The International Cooperation Center for Science and Technology was established.

1982 April
The Center for Research Cooperation and Information Exchange was established.

1983 April
The Research Center for Educational Facilities was established.

1988 April
The Education Center for Foreign Students was established. Also the Kusatsu-Shirane Volcano Observatory was established.

1989 May
The Gene Research Center was established in Ookayama (later it was moved to the Suzukakedai Campus).

1990 June
The School of Bioscience and Biotechnology was established on the Nagatsuta Campus.

1991 April
The Experimental Center for Very Low Temperature and Energy Technique, established in 1981, was reorganized into the Research Center for Very Low Temperature Systems.

1992 April
The Graduate School of Bioscience and Biotechnology was established on the Nagatsuta Campus. The Research Center for Carbon Recycling and Utilization was established.

1993 April
The Research Center for Educational Facilities was reorganized into the Research and Development Center for Educational Facilities.

1994 April
The Graduate School of Information Science and Engineering was established.

June
The Education Center for Foreign Students was reorganized into the International Student Center. The Research Center for Quantum Effect Electronics was established. The Research Center for Experimental Biology was established.

1996 April
The Graduate School of Decision Science and Technology was established.

May
The Foreign Language Research and Teaching Center was established. The Research Laboratory of Engineering Materials was reorganized into the Materials and Structures Laboratory.

1997 April
The Radioisotope Research Center was established.

1998 May
The Center for Research Cooperation and Information Exchange was reorganized into the Frontier Collaborative Research Center.

1999 April
The Center for Research in Advanced Financial Technology was established.

2000 April
The Kusatsu-Shirane Volcano Observatory was reorganized into the Volcanic Fluid Research Center.

2001 April
The Computer Center and the International Cooperation Center for Science and Technology were reorganized into the Global Scientific Information and Computing Center. The Research Center for Very Low Temperature Systems was reorganized into the Research Center for Low Temperature Physics.

May
The Nagatsuta Campus was renamed the Suzukakedai Campus.

November
The Research Strategy Office was established.

2002 April
The Research Center for Carbon Recycling and Utilization was reorganized into the Research Center for Carbon Recycling and Energy.
The Evaluation Office and the International Planning Office were established.

October
The General Safety Management Center and the Center for Public Relations and Coordination were established.

2003 April
The Research and Development Center for Educational Facilities was reorganized into the Research Center for Educational Facilities. The Gene Research Center, the Research Center for Experimental Biology, and the Radioisotope Research Center were integrated into the Center for Biological Resources and Informatics.

May
The Department of Precision Machinery Systems was renamed the Department of Mechano-Micro Engineering.

September
The Center for Urban Earthquake Engineering was established. The Office of Industry Liaison was established.
The Educational Planning Office was established.

2004 April
Tokyo Institute of Technology was reestablished as an independent administrative institution with the name **"National University Corporation Tokyo Institute of Technology."**
The Research Center for Quantum Effect Electronics was reorganized into the Quantum Nanoelectronics Research Center. The Planning Office and the Financial Management Office were established.

2005 April
The Graduate School of Innovation Management was established. The Technical High School attached to the School of Engineering was reorganized into the Tokyo Tech High School of Science and Technology. The Center for Research in Advanced Financial Technology was reorganized. The Large-scale Knowledge Resources Center, the Research Center for Nanometer-Scale Quantum Physics, the Bio-Frontier Research Center, the Center on Agent Based Social Systems Sciences, the Center for Molecular Science and Technology, the Research Center for the Evolving Earth and Planets, the Research Center for the Science of Institutional Management of Technology were established. Also established was the Collaboration Center for Design and Manufacturing. The Department of Information Processing and the Department of Advanced Applied Electronics, both in the Interdisciplinary Graduate School of Science and Engineering, were integrated and reorganized into the Department of Electronics and Applied Physics and the new Department of Information Processing.

September
The Emerging Nanomaterial Research Center was established.

October
The Integrated Research Institute was established.

2006 January
The Center for Research into Innovative Nuclear Energy Systems was established.

April
The Center for Materials Design affiliated with the Materials and Structures Laboratory was reorganized into the Secure Materials Center affiliated with the Materials and Structures Laboratory. The Super-Mechano Systems R&D Center, the Student Services Center, and the Center for the Study of World Civilizations were established.

July
The Global Edge Institute was established.

December
The Center for Photonic Nano-Device Integrated Engineering was established.

2007 April
The new Admissions Office was established. The Technical Department was established. The Department of Civil Engineering was renamed the Department of Civil and Environmental Engineering.

October
The Information Infrastructure Management Office was established. The Center for Public Relations and Coordination was reorganized into the Center for Public Information and the Center for University Communications and Coordination. The Strategic Management Office was established.

November
The Frontier Collaborative Research Center, the 80th Anniversary Center for Research, Collaborative Research Building, the Venture Business Laboratory and the Incubation Center were merged into the new Frontier Research Center.

2008 April
The Secure Device Research Center affiliated with the Precision and Intelligence Laboratory was established. The Photovoltaics Research Center was established. The Inter-Departmental Organization for Informatics was established.

May
The Asia-Africa Biology Research Center was established.

July
The Gender Equality Center was established. The Productive Leader Incubation Platform was established.

October
The Office for the 130th Anniversary Project was established.

November
The Center for CompView Research and Education was established.

2009 March
The Tokyo Tech Front was established.

April
The Multidisciplinary Research Center For Energy Science was established. The Career Advancement Professional School was established. The Tokyo Tech Archive Initiative was established.

May
The University Management Center was established.

August
The Research Project Support Center was established.

November
The Multidisciplinary Research Center For Energy Science was reorganized into the Inter-Departmental Organization for Environment and Energy.

HISTORY

2010 April
The Microsystem Research Center was reorganized into the Photonics Integration System Research Center affiliated with the Precision and Intelligence Laboratory.
The International Nuclear Research Cooperation Center affiliated with the Research Laboratory for Nuclear Reactors was established.
The Imaging Science and Engineering Laboratory affiliated with the Graduate School of Science and Engineering was reorganized into the Imaging Science and Engineering Laboratory.
The Frontier Research Center was reorganized.
The Solutions Research Laboratory was established.
The Research Center for Carbon Recycling and Energy (Research and Service Centers) was reorganized into the Research Center for Carbon Recycling and Energy (Common Facilities).
The Advanced Education Research Center was established.
The Osmotic Power Research Center was established.
Conclusion of operations at the Large-Scale Knowledge Resources Center.
The Integrated Research Institute was reorganized.

October
The Energy Conservation Promotion Office was established.

November
The Research Center for Low Temperature Physics (Research and Service Centers) was reorganized into the Research Center for Low Temperature Physics (Common Facilities). The Organization for Life Design and Engineering was established. Conclusion of operations at the Strategic Management Office.

2011 January
The Center for Liberal Arts was established.

April
The Center for Research and Development of Educational Technology (Research and Service Centers) was reorganized into the Center for Research and Development of Educational Technology (Common Facilities). The TITECH Earth Database Center was established. The ICE Cube Center was established. The Centennial Hall was reorganized into the Museum. Conclusion of operations at the Center for Advanced Materials Analysis. The Academy for Global Leadership was established.

August
The University Contents Utilization Center was established.

October
A section of the Center for Biological Resources and Informatics was reorganized into the Radiation Research and Management Center. The Admissions Center was established.

December
The Academy for Co-Creative Education of Environment and Energy Science was established. The Education Academy of Computational Life Sciences was established. The Academy for Global Nuclear Safety and Security Agent was established.

2012 April
Conclusion of operations at the Emerging Nanomaterial Research Center. Conclusion of operations at the Center for Photonic Nano-Device Integrated Engineering. Conclusion of operations at the Tokyo Tech Archive Initiative.

Development of the Institute

As of May 1, 2012

	School		Graduate School				Land (m²)	Building (m²)	Number of Books (Volumes)
			Master's Course		Doctoral Course				
	Admitted	Number of Graduates	Admitted	Number of Degrees Conferred	Admitted	Number of Degrees Conferred			
1929	150	0						3,834	21,525
1940	252	178					262,902	54,542	51,848
1945	400	358					293,345	56,383	72,555
1950	460* 300	392					312,211	58,499	92,925
1955	355	335	135	37	68		309,514	71,114	111,173
1960	505	387	145	44	73	12	309,484	78,581	145,107
1965	705	590	213	205	87	37	308,737	111,166	200,208
1970	895	773	294	348	149	72	484,515	146,473	284,677
1975	774	790	617	512	205	68	510,683	185,309	360,499
1980	774	775	643	613	248	91	529,515	245,791	444,765
1985	836	776	665	694	250	86	531,848	261,968	538,884
1990	1,182	1,107	720	840	250	139	533,242	277,672	647,330
1995	1,317	1,282	908	1,154	331	253	535,239	319,404	750,172
2000	1,068	1,237	1,290	1,488	534	349	534,728	362,769	858,316
2001	1,068	1,188	1,290	1,497	534	346	534,728	368,935	871,089
2002	1,068	1,243	1,290	1,538	534	291	534,728	396,634	886,484
2003	1,068	1,156	1,291	1,559	535	357	534,728	419,728	879,397
2004	1,068	1,113	1,292	1,642	536	313	566,366	428,653	891,753
2005	1,068	1,175	1,322 (30)	1,633	543	382	566,366	428,492	904,293
2006	1,068	1,188	1,322 (30)	1,671	543	370	566,544	430,079	771,003
2007	1,068	1,161	1,322 (30)	1,677	543	387	566,544	430,171	774,552
2008	1,068	1,168	1,322 (30)	1,648	543	387	566,605	439,433	774,712
2009	1,068	1,128	1,327 (35)	1,546	546	384	566,605	447,714	780,421
2010	1,068	1,130	1,327 (35)	1,726	546	338	567,688	474,202	793,390
2011	1,068	1,164	1,584 (40)	1,667	567	396	568,538	468,770	801,345

Note: 1) * represents the number of students admitted under the old education system.
2) Figure given in parentheses represent the number of Professional Master's Course.

MEMBERS OF THE BOARD, COMMITTEES, AND COUNCIL

As of October, 2012

The Board

MISHIMA Yoshinao	President
OKADA Kiyoshi	Executive Vice President for Planning and Personnel
MARUYAMA Toshio	Executive Vice President for Education and International Affairs
TATSUMI Takashi	Executive Vice President for Research
OTANI Kiyoshi	Executive Vice President for Finance and Public Relations
SHIMIZU Yasutaka	Auditor
SUZUKI Motoyuki	Auditor

Vice President

YAMADA Michio	Vice President for General Affairs
TSUKAMOTO Mamiko	Vice President for Human Rights
MIZUMOTO Tetsuya	Vice President for Education
UYEMATSU Tomohiko	Vice President for Safety and Compliance
MARUYAMA Tsuyoshi	Vice President for Special Mission

Management Committee

ARIKAWA Yoshiko	President, Japan Women's University
KUDO Tomonori	Auditor, Tokyo Denki University
KOBATAKE Hidefumi	President, Institute of National Colleges of Technology, Japan
SHOYAMA Etsuhiko	Chairman Emeritus, Hitachi, Ltd. President, Tokyo Tech Alumni Association (Kuramae Kogyokai)
SEKI Nobuo	General Corporate Advisor,Chiyoda Corporation
DOI Miwako	Chief Fellow, Corporate Research & Development Center, Toshiba Corporation
NAKAJIMA Kunio	Director, Tokyo Tech Alumni Association (Kuramae Kogyokai)
HASHIMOTO Genichi	Former President, NHK (Japan Broadcasting Corporation)
MISHIMA Yoshinao	President
OKADA Kiyoshi	Executive Vice President for Planning and Personnel
MARUYAMA Toshio	Executive Vice President for Education and International Affairs
TATSUMI Takashi	Executive Vice President for Research
OTANI Kiyoshi	Executive Vice President for Finance and Public Relations
ENKAWA Takao	Professor, Graduate School of Decision Science and Technology
HIROSE Shigehisa	Professor, Graduate School of Bioscience and Biotechnology
YAMADA Michio	Vice President for General Affairs Director-General

Education and Research Council

MISHIMA Yoshinao	President
OKADA Kiyoshi	Executive Vice President for Planning and Personnel
MARUYAMA Toshio	Executive Vice President for Education and International Affairs
TATSUMI Takashi	Executive Vice President for Research
OTANI Kiyoshi	Executive Vice President for Finance and Public Relations
NISHIMORI Hidetoshi	Dean, Graduate School of Science Dean, School of Science
KISHIMOTO Kikuo	Dean, Graduate School of Engineering Dean, School of Engineering
SEKINE Mitsuo	Dean, Graduate School of Bioscience and Biotechnology Dean, School of Bioscience and Biotechnology
UCHIKAWA Keiji	Dean, Interdisciplinary Graduate School of Science and Engineering
KOJIMA Sadayoshi	Dean, Graduate School of Information Science and Engineering
IIJIMA Junichi	Dean, Graduate School of Decision Science and Technology
TANABE Koji	Acting Dean, Graduate School of Innovation Management
AKITA Munetaka	Director, Chemical Resources Laboratory
SATO Makoto	Director, Precision and Intelligence Laboratory
HAYASHI Shizuo	Director, Materials and Structures Laboratory
ARITOMI Masanori	Director, Research Laboratory for Nuclear Reactors
TAKAHASHI Eiichi	Professor, Graduate School of Science
OKADA Tetsuo	Professor, Graduate School of Science
UYEMATSU Tomohiko	Professor, Graduate School of Engineering
SATOH Isao	Professor, Graduate School of Engineering
NAKAMURA Satoshi	Professor, Graduate School of Bioscience and Biotechnology
KITAMURA Naomi	Professor, Graduate School of Bioscience and Biotechnology
ODAWARA Osamu	Professor, Interdisciplinary Graduate School of Science and Engineering
HOTTA Eiki	Professor, Interdisciplinary Graduate School of Science and Engineering
KIMURA Koji	Professor, Graduate School of Information Science and Engineering
YONEZAKI Naoki	Professor, Graduate School of Information Science and Engineering
KUWAKO Toshio	Professor, Graduate School of Decision Science and Technology
NAKAI Norihiro	Professor, Graduate School of Decision Science and Technology
YAMAGUCHI Shinobu	Professor, Global Scientific Information and Computing Center

President Nomination Committee

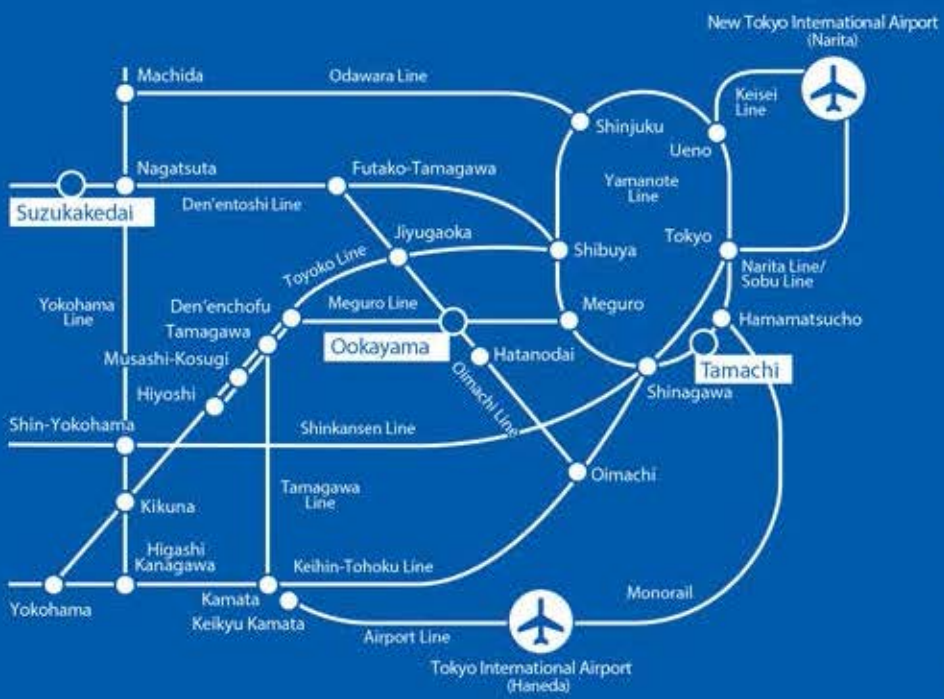
ARIKAWA Yoshiko	President, Japan Women's University
SHOYAMA Etsuhiko	Chairman Emeritus, Hitachi, Ltd. President, Tokyo Tech Alumni Association (Kuramae Kogyokai)
SEKI Nobuo	General Corporate Advisor, Chiyoda Corporation
NAKAJIMA Kunio	Director, Tokyo Tech Alumni Association (Kuramae Kogyokai)
HASHIMOTO Genichi	Former President, NHK (Japan Broadcasting Corporation)
NISHIMORI Hidetoshi	Dean, Graduate School of Science
SATOH Isao	Professor, Graduate School of Engineering
SEKINE Mitsuo	Dean, Graduate School of Bioscience and Biotechnology
IIJIMA Junichi	Dean, Graduate School of Decision Science and Technology
SATO Makoto	Director, Precision and Intelligence Laboratory
OKADA Kiyoshi	Executive Vice President

Deans & Directors

NISHIMORI Hidetoshi	Dean, Graduate School of Science Dean, School of Science
KISHIMOTO Kikuo	Dean, Graduate School of Science and Engineering Dean, Graduate School of Engineering Dean, School of Engineering
SEKINE Mitsuo	Dean, Graduate School of Bioscience and Biotechnology Dean, School of Bioscience and Biotechnology
UCHIKAWA Keiji	Dean, Interdisciplinary Graduate School of Science and Engineering
KOJIMA Sadayoshi	Dean, Graduate School of Information Science and Engineering
IIJIMA Junichi	Dean, Graduate School of Decision Science and Technology
TANABE Koji	Acting Dean, Graduate School of Innovation Management
AKITA Munetaka	Director, Chemical Resources Laboratory
SATO Makoto	Director, Precision and Intelligence Laboratory
HAYASHI Shizuo	Director, Materials and Structures Laboratory
ARITOMI Masanori	Director, Research Laboratory for Nuclear Reactors
MIYAUCHI Toshio	Director, Institute Library
OTSUKI Nobuaki	Principal, Tokyo Tech High School of Science and Technology
ITOH Toshiya	Director, Technical Support Department

Administration Bureau

YAMADA Michio	Director-General
KOJIMA Hirotaka	Director, General Affairs Department
SAKAGUCHI Hiroshi	Director, Finance Department
KANEKO Tadatoshi	Director, International Affairs Department
EZAWA Harumasa	Director, Student Service Department
NISHIYAMA Kazunori	Director, Research Promoting Department
SATOU Masahiro	Director, Facilities Department
TOMURA Kazuhiro	Director, Suzukakedai Administration Office



ACCESS

[Ookayama Campus]

Ookayama Station on the Tokyu Oimachi and Tokyu Meguro Lines

About 45 minutes from Haneda Airport
About 100 minutes from Narita Airport
About 30 minutes from Tokyo Station

[Suzukakedai Campus]

Suzukakedai Station on the Tokyu Den'entoshi Line

About 70 minutes from Haneda Airport
About 130 minutes from Narita Airport
About 55 minutes from Tokyo Station

[Tamachi Campus]

Tamachi Station on the JR Yamanote and Keihin-Tohoku Lines

About 25 minutes from Haneda Airport
About 90 minutes from Narita Airport
About 10 minutes from Tokyo Station

TOKYO INSTITUTE OF TECHNOLOGY Center for Public Information

2-12-1, Ookayama, Meguro-ku, Tokyo, 152-8550 JAPAN tel: +81-3-5734-2975 fax: +81-3-5734-3661 http://www.titech.ac.jp/english