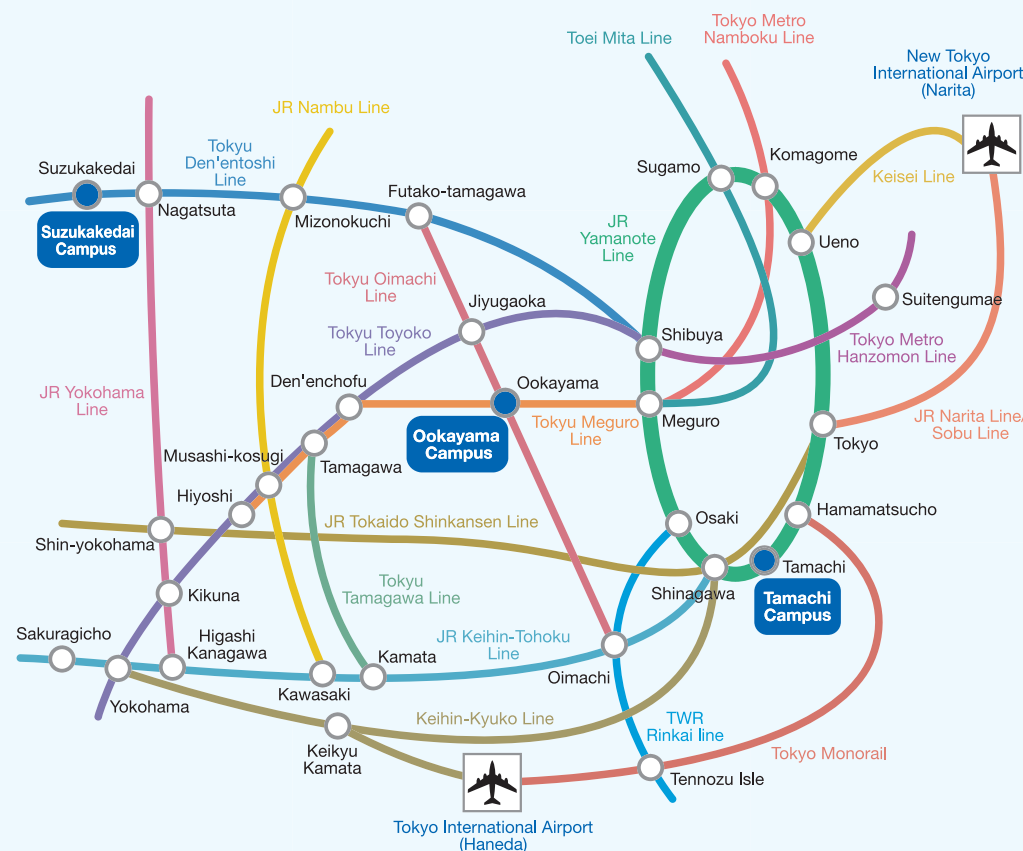


MAP

- Ookayama Campus : Ookayama Station of Tokyu Oimachi Line/Tokyu Meguro Line
- Suzukakedai Campus : Suzukakedai Station of Tokyu Den-en-toshi Line
- Tamachi Campus : Tamachi Station of JR Yamanote Line/Keihin-Tohoku Line



TOKYO INSTITUTE OF TECHNOLOGY PROFILE 2008/2009

130th ANNIVERSARY 2011

TOKYO TECH

Pursuing Excellence

**NATIONAL UNIVERSITY CORPORATION
TOKYO INSTITUTE OF TECHNOLOGY**

Center for Public Information

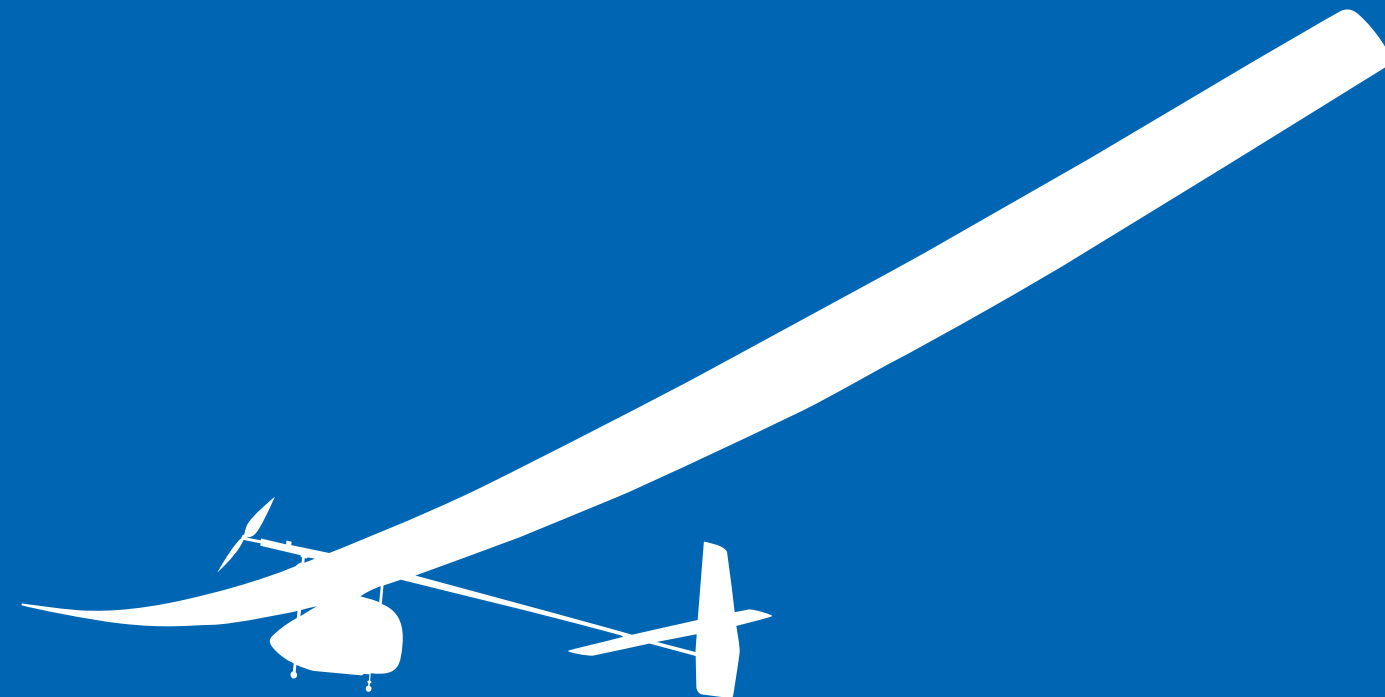
2-12-1, Ookayama, Meguro-ku, Tokyo, 152-8550, JAPAN

TEL : +81-3-5734-2975

FAX : +81-3-5734-3661

[http : //www.titech.ac.jp/](http://www.titech.ac.jp/)

2008.12



TOKYO INSTITUTE OF TECHNOLOGY



Since 1881

Leading the World in Science and Technology

Tokyo Institute of Technology (Tokodai) is a world-class university of science and technology. As a leading institution of higher learning in Japan, Tokyo Institute of Technology has undertaken education and research of the highest quality over a long period of time. Founded in 1881 and celebrating its 130th anniversary in 2011, we will continue to contribute to the betterment of science, technology and society.

Tokyo Institute of Technology has three undergraduate schools, six graduate schools, four research laboratories and many kinds of research/education centers producing excellent graduates who excel in research that can meet the demands of society and industry. Nothing gives us greater pleasure than to be the university of first preference for employers and society in general — if you wish to study science and technology, apply to Tokyo Institute of Technology. If you wish to recruit engineers, seek out Tokyo Institute of Technology graduates. Our faculties and departments occupy an important position in the global academic community because of their internationally recognized research. We have engaged in research and education in the most advanced, interrelated and dynamic areas of science and technology to meet the ever-changing demands of the world.

With the support of the 21st Century Center of Excellence (COE) program sponsored by the Ministry of Education, Culture, Sport, Science and Technology (MEXT), we have accepted twelve projects and three of them are currently underway. In addition, five projects in 2007 and three projects in 2008 have been selected for the Global COE program which will enhance the function of research and education in the university and is a successor to the 21st Century COE program. Tokyo Institute of Technology also secured funding in 2005 as a super COE program from MEXT and established an Integrated Research Institute (IRI). Integrating and unifying diverse kinds of knowledge, this institute will solve near future problems in solutions research.

We are also active in various kinds of educational programs. Five projects were launched as part of the support program for improving graduate school education by MEXT in 2007. The Productive Leader Incubation Platform and



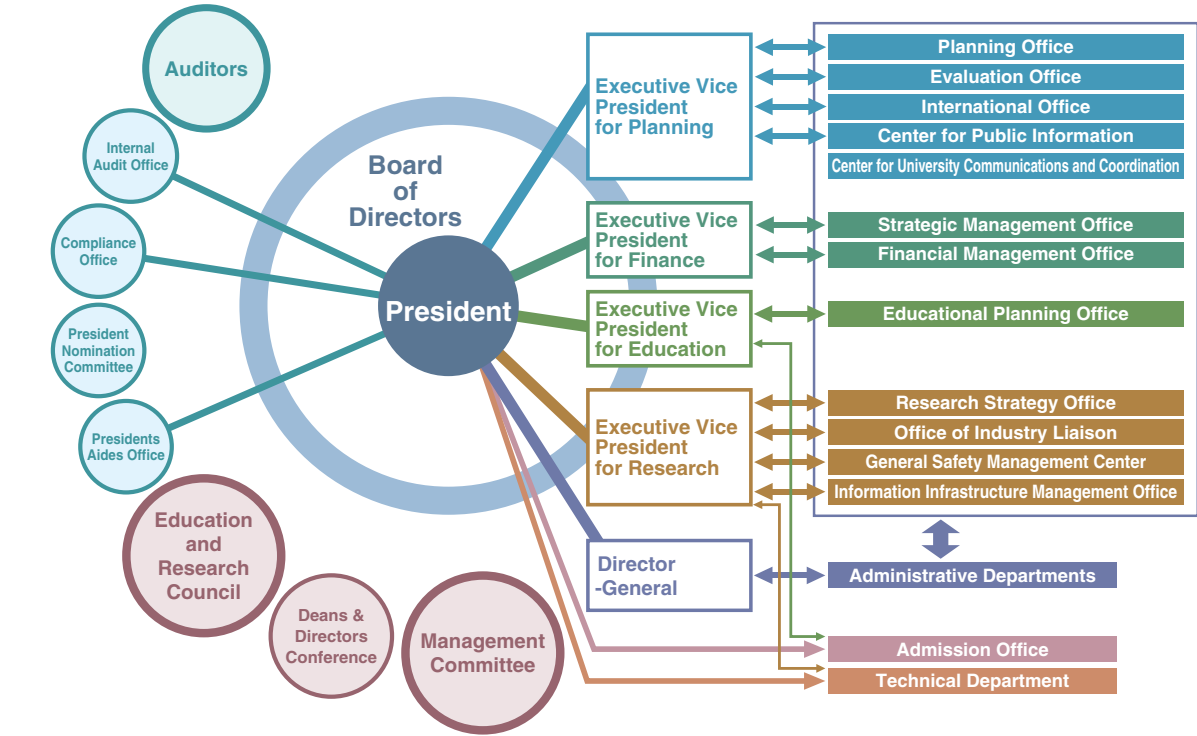
Gender Equality Center began life in 2008. Emphasis on creativity as part of our educational philosophy has produced a great number of famous graduates including Dr. Hideki Shirakawa, the 2000 Nobel Laureate in Chemistry. One key mission of the Tokyo Institute of Technology is to foster creativity in our students but creativity built on a comprehensive grasp of the fundamentals of knowledge. Unique programs to promote students' abilities in "hands-on work" directed to creative ends have been part of the Art and Crafts Education and Research Support Center.

Other noteworthy projects include: the completion of "TSUBAME," one of the fastest supercomputers in Japan, the establishment of the Global Edge Institute to train prospective young researchers from all over the world, construction of joint programs with overseas partner universities to develop international leadership skills and organizational and strategic collaboration with industry.

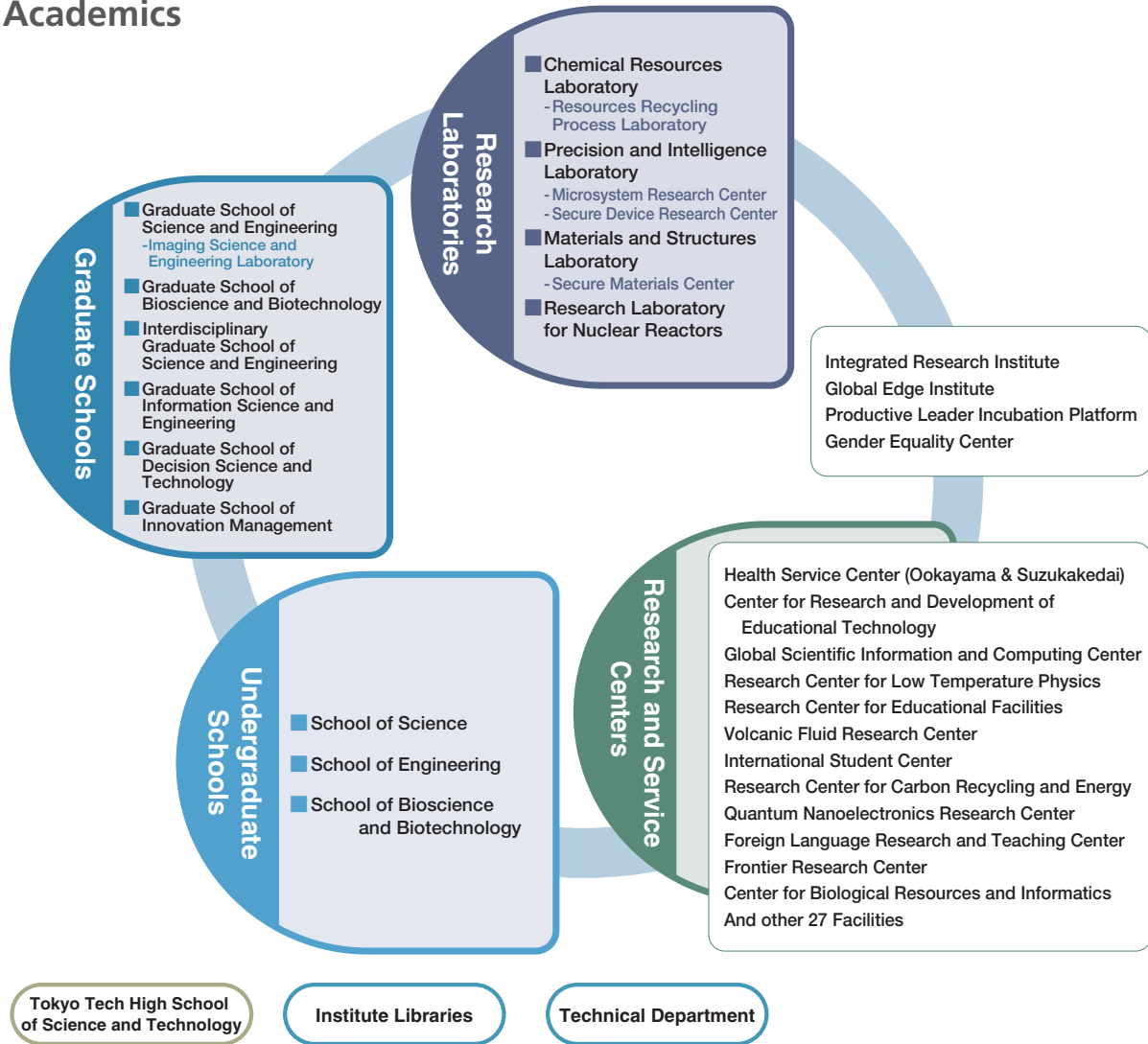
Tokyo Institute of Technology is open to the world. It is a matter of great pride that our research and educational activities have been given high ratings in international surveys, for example, being ranked 61st in the THES-QS 2008 World University Rankings. We will continue to pursue excellence in science and technology so as to meet any challenge that the future may bring.

NATIONAL UNIVERSITY CORPORATION TOKYO INSTITUTE OF TECHNOLOGY

Administration



Academics



Tokyo Tech Seal

The seal of Tokyo Institute of Technology was designed by Prof. Shinji Hori in 1948. The white portion represents the Japanese character [工], which is the first character of 'engineering' (工業). The black part represents the Japanese character [大], which is the first character of 'university' (大学). This figure also symbolizes a swallow, which the Japanese regard as a bird of good-luck.



Tokyo Tech Logo

"TOKYO TECH Pursuing Excellence" was adopted as a new strategic catchphrase with this logo in 2007. This strong message expresses our philosophy which is directed towards enhancing and strengthening our international reputation.



Tokyo Tech

Over the years, Tokyo Institute of Technology or 東京工業大学 (Tokyo Kogyo Daigaku) in Japanese had been described in several short names both in English and Japanese. In 2002, the university officially adopted "Tokyo Tech" as the international and "東工大" (Tokodai) as the Japanese abbreviation.

School Color

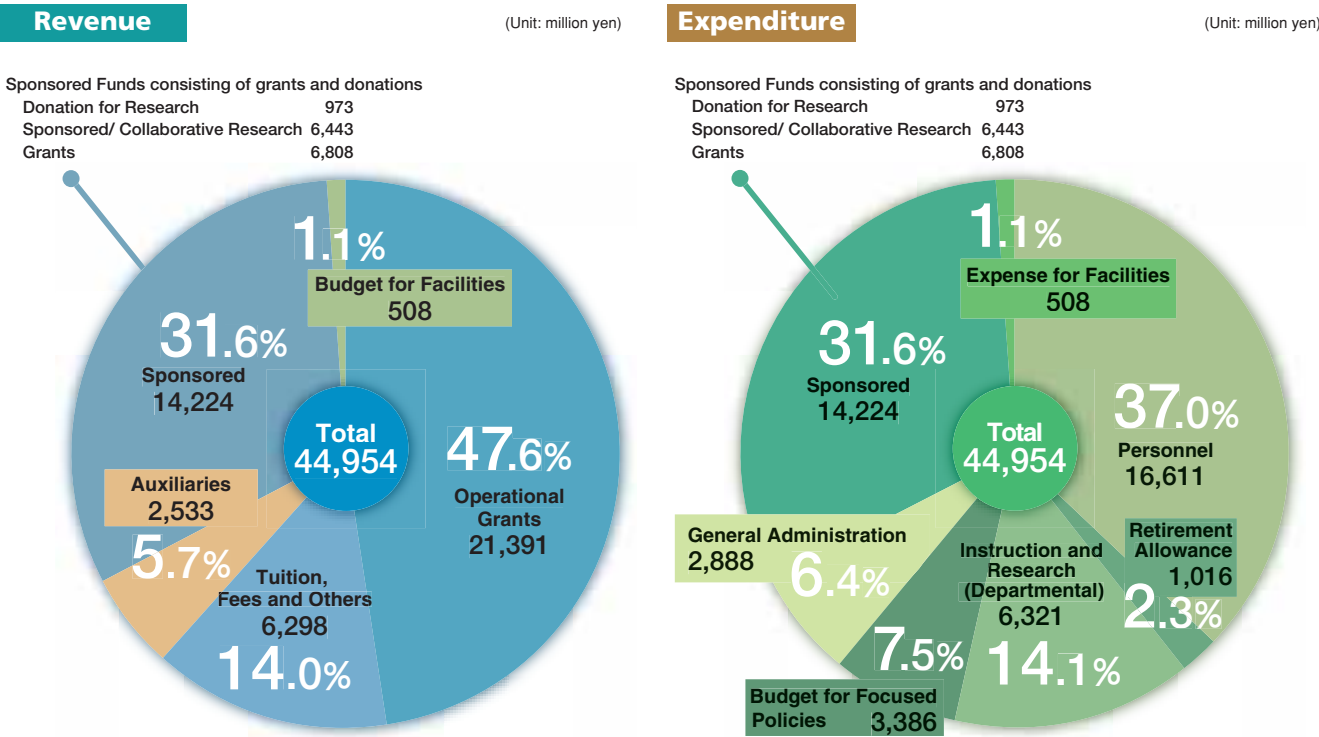
In 2004, Tokyo Tech resolved that its school color would be royal blue, the color that stands for advancement and evolution.

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FINANCIAL DATA

Budget FY2008



Financial Summary FY2007

Balance Sheet

(As of March 31, 2008)			
Assets		Liabilities	
Amount		Amount	
Fixed Assets	211,478	Fixed Liabilities	18,492
Tangible Fixed Assets	208,285	Current Liabilities	14,409
Intangible Fixed Assets	375	Total	32,902
Others	2,817	Net Assets	
Current Assets	12,466	Capital Stock	179,557
Cash and Cash Equivalents	7,419	Capital Surplus	7,990
Others	5,047	Earned Surplus	3,494
Total	223,944	Total	191,042

(The fractions under one million yen are omitted.)

Income Statement

(April 1, 2007 ~ March 31, 2008)	
(Unit: million yen)	
Account	Amount
Ordinary Expenses (A)	40,885
Operating Expenses	38,470
General and Administrative Expenses	2,220
Others	193
Ordinary Revenues (B)	41,650
Operational Grants	22,053
Tuition and Fees	4,607
Sponsored/ Collaborative Research	7,762
Donation for Research	1,325
Grants for Research	1,472
Others	4,428
Extraordinary Profit and Loss (C)	—
Reversal of Reserve for Specific Purposes (D)	0
Gross Profit (B-A+C+D)	765

(The fractions under one million yen are omitted.)

Trends of Specific Funds

(Unit: thousand yen)

	Donation 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)	
1993	1,244	1,553,966	90	292,233	21	132,952	622	2,278,270	4,257,421
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)	969	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	868	982,218	309	5,478,090 (593,602)	447	1,787,062 (367,041)	973	5,023,916 (776,463)	13,271,286

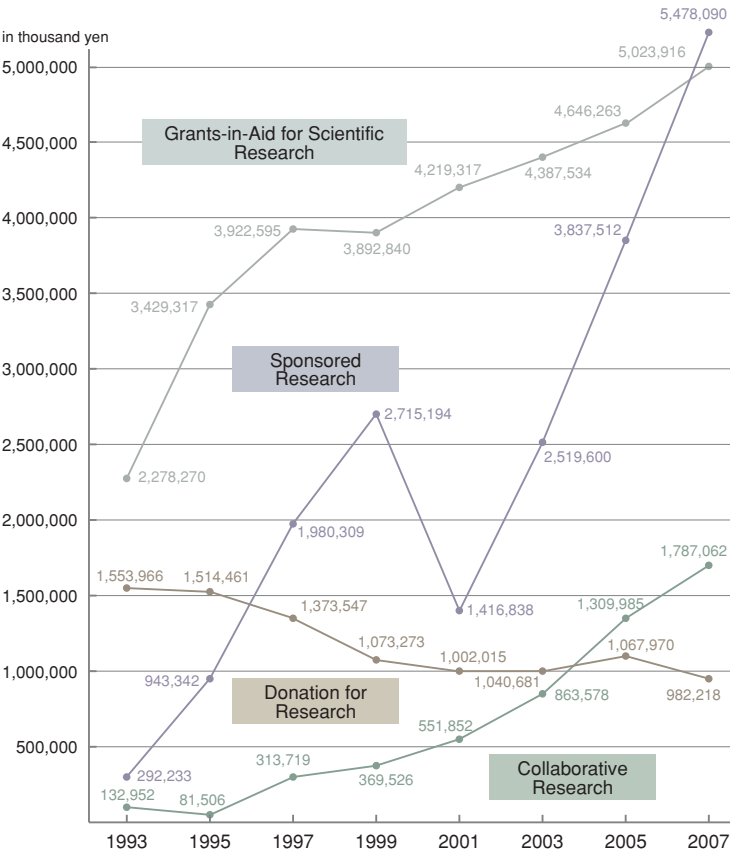
Note: Figures given in parentheses represent overhead costs included in the Research Fund.

Grants-in-Aid for Scientific Research

FY2007		
Area of Research	Number of Projects	Research Fund (in thousand yen)
Grant-in-Aid for Specially Promoted Research	2	207,740 (47,940)
Grant-in-Aid for Scientific Research on Priority Areas	120	1,102,555
Grant-in-Aid for Scientific Research (S)	17	301,929 (69,676)
Grant-in-Aid for Scientific Research (A)	65	912,977 (210,687)
Grant-in-Aid for Scientific Research (B)	152	967,429 (223,253)
Grant-in-Aid for Scientific Research (C)	110	211,756 (48,867)
Grant-in-Aid for Exploratory Research	67	101,100
Grant-in-Aid for Young Scientists (S)	1	63,050 (14,550)
Grant-in-Aid for Young Scientists (A)	30	237,770 (54,870)
Grant-in-Aid for Young Scientists (B)	169	233,594
Grant-in-Aid for Young Scientists(Start-up)	16	20,080
Grant-in-Aid for Special Purposes	0	0
Grant-in-Aid for Creative Scientific Research	4	462,020 (106,620)
Grants-in-Aid for JSPS Fellows	220	201,916
Sum Total	973	5,023,916 (776,463)

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

Trends of Funds



GRADUATE COURSES

Graduate School of Science and Engineering (20 Departments & 1 Laboratory)

(As of May 1, 2008)

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

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, Global Energy Chemistry*, Volcano Chemistry*, Emergent Molecular Functions**, Chemistry of Strained Molecules**, Surface and Interface Physical 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

Metallurgy and Ceramics Science

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

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, Laboratory for Innovation in Nanofibers funded by NEDO, Carbon Alloy Catalyst Engineering [Nisshinbo Industries Endowed Chair]***

Applied Chemistry

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

Research Fields

Molecular Functions Design, Chemical Reactions Design, Molecular Structure Design**, Biofunctional Molecules 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

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*, Manufacturing Science**

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/

Research Fields

Autonomous Systems Engineering, Power Electronics Engineering, Communications and Transmissions Engineering, Photonic Devices Engineering*

Physical Electronics

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

Research Fields

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

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**

Common Sections

Special Research Fields

Interdisciplinary Science (Interactive Research Center of Science),

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

Engineering for Strategic Planning

Imaging Science and Engineering Laboratory

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

Research Fields

Image Recording, Image Analysis, Imaging System, Applied Imaging, Intelligent System, Division of e-Government System-care Engineering funded by NTT-DATA Corporation***

Graduate School of Bioscience and Biotechnology (5 Departments)

(As of May 1, 2008)

Life Science

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

Research Fields

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

Biological Sciences

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

Research Fields

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

Biological Information

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

Research Fields

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

Bioengineering

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

Research Fields

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

Biomolecular Engineering

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

Research Fields

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

Note: 1. Research fields marked with * are conducted in alliance with collaborative professors and their research groups from other departments or schools on campus.
2. Research fields marked with ** are conducted in alliance with visiting professors and their collaborative research groups.

Interdisciplinary Graduate School of Science and Engineering (11 Departments)

(As of May 1, 2008)

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, Functional Molecules and Their Optical Properties

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, Frontier of Environmental Science and Technology

Built Environment

http://www.enveng.titech.ac.jp/english/built_environment.html

Research Fields

Safety and Amenity Evaluation, Urban Planning and Management, New Frontier Environment

Research Fields*

Urban Space, Urban Infrastructures, Landscape Engineering, Environmental Facility System

Energy Sciences

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

Research Fields

Energy Environmental Science, Energy Conversion Engineering, High Density Energy Creation

Research Fields*

Energy Environmental System, Energy Conversion System, Ultra High Power Energy Engineering

Environmental Chemistry and Engineering

http://www.chemenv.titech.ac.jp/index_Eng.html

Research Fields

Analysis of Chemical-Eco Systems, Environmental Chemistry

Research Fields*

Environmental Molecular Arrangement, Chemical Process Design, Polymer Processes, Chemical Environmental Process Synthesis, Environmentally Benign Molecular Design, Environmental Biotechnology, Environmental Material 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 Devices and Systems, Materials and Information Engineering Frontiers

Mechano-Micro Engineering

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

Research Fields

Functionality Creation

Research Fields*

Precision Devices, Advanced Mechatronics, Mechano Frontier

Computational Intelligence and Systems Science

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

Research Fields

Intelligent Systems, Complex Systems, Emergent Systems

Research Fields*

Computational Perception and Recognition, Brain Science, Neural Information Processing, Systems Analysis, Production System

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 Frontiers, Advanced Wave Application Systems, Bioinformation Systems

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

Note: 1. Research fields marked with * are conducted in alliance with collaborative professors and their research groups from other departments or schools on campus.
2. Research fields marked with ** are conducted in alliance with visiting professors and their collaborative research groups.
3. Research fields marked with *** are conducted in alliance with professors in endowed chairs and their research groups on campus.

GRADUATE COURSES

Graduate School of Information Science and Engineering (3 Departments) (As of May 1, 2008)

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 Software Organization

Computer Science

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

Research Fields

Integrated Information Systems (Software Environments, Multi-Media Information Processing), Computer Systems (Dependable Computer Systems, Asynchronous Concurrent Systems, Advanced Architectural Design), Software Engineering (Software Design, Computational Logic), Intelligent Systems (Knowledge Engineering, Interface Systems, Computational Linguistics, Pattern Recognition, Foundation of Computer Science, Information Network), Advanced Computer Science

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

Graduate School of Decision Science and Technology (4 Departments) (As of May 1, 2008)

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)*

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 Modeling, 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, Financial Engineering), 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)

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



Graduate School of Innovation Management (2 Departments) (As of May 1, 2008)

Management of Technology****

<http://www.mot.titech.ac.jp/english/e-index.html>

Research Fields

MOT Strategy, Intellectual Property Management, Financial Engineering & Information Technology, Leading-Edge Science & Technology*

Innovation*****

<http://www.mot.titech.ac.jp/english/e-index.html>

Research Fields

MOT Strategy, Intellectual Property Management, Financial Engineering & Information Technology



Note: 1. Research fields marked with * are conducted in alliance with collaborative professors and their research groups from other departments or schools on campus.
2. Department marked with **** offers Professional Master's Course.
3. Department marked with ***** offers Doctoral Course.

RESEARCH LABORATORIES

(As of May 1, 2008)

Chemical Resources Laboratory

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

Research Fields

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

Resources Recycling Process Laboratory

<http://www.res.titech.ac.jp/junkan/english/index.html>

Property Development and Reliability Increase in Ceramics using Boundary Design Technology as Carbon Alloys, Soft Solution Process, Super Plasticity, Probe Microscopy



Note: Research fields marked with ** are conducted in alliance with visiting professors and their collaborative research groups.

Precision and Intelligence Laboratory

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

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**, Opto-Electronics Research**

Microsystem 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 the society.

Materials and Structures Laboratory

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

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 Center

<http://www.msl.titech.ac.jp/%7Esecure/index.html>

We carry out research and development of safe and secure materials and fundamental technologies, responding to the demands of the times. We create part of modern culture by developing materials that link people and phenomena, which is academically and socially recognized and appreciated.

Research Laboratory for Nuclear Reactors

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

Research Fields

Energy Engineering (Global Nuclear Security Science and Technology, High-Temperature Thermo-Energy, Energy Conversion, Thermo-Hydrodynamics of Functional Fluids, Environmental Energy Engineering**), Mass Transmutation Engineering (Particle Beam Energy, Fuel Cycle, Mass Transmutation, Mass Separation), System and Safety Engineering (Ultra-Rapid Energy Phenomena, Energy System Materials, System Safety, System Design, Science and Technology Policy**)

UNDERGRADUATE COURSES

School of Science (5 Departments) (As of May 1, 2008)

Mathematics

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

Major Study Fields

Introduction to Algebra, Algebra, Advanced Linear Algebra, Set Theory and Topology, Introduction to Geometry, Geometry, Advanced Calculus, Complex Analysis, Differential Equations

Physics

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

Major Study Fields

Experiments in Physics, Introduction to Solid State Physics, Introduction to Elementary Particle Physics, Classical Mechanics, Electromagnetism, Applied Mathematics for Physicists and Scientists, Quantum Mechanics, Thermodynamics and Statistical Mechanics

Chemistry

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

Major Study Fields

Inorganic Chemistry, Analytical Chemistry, Physical Chemistry, Organic Chemistry, Chemical Safety, Geochemistry, Natural Product Chemistry, Chemical Information

Information Science

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

Major Study Fields

Set and Topology, Probability and Statistics, Algorithms and Data Structures, Mathematical Methods for Operations Research, Automata and Formal Language Theory, Fundamentals of Computer Systems and Architectures, Theory of Computation, Compiler, Operating System

Earth and Planetary Sciences

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

Major Study Fields

Cosmochemistry, Geophysics, Space Physics, Planetary Physics, Geology, Petrology



UNDERGRADUATE COURSES

School of Engineering (16 Departments)

(As of May 1, 2008)

Metallurgical Engineering

http://www.mtl.titech.ac.jp/orgn/organization_e.html

Major Study Fields

Physical Chemistry, Deformation of Metals, Phase Stability and Transformations in Metals, Chemical Thermodynamics at High Temperature Reactions, Diffraction Crystallographic Technology, Physical Properties of Metals, Lattice Defects and Dislocations, Electronics Materials, Creativity Laboratory in Metallurgy, Metallurgy of Light Alloys

Organic and Polymeric Materials

http://www.op.titech.ac.jp/op/index-e2.html

Major Study Fields

Physical Properties of Organic Materials, Physical Chemistry of Organic Materials, Processing of Organic Materials, Synthetic Chemistry of Organic Materials, Solid State Physics of Organic Materials, Experiments of Organic Materials Engineering, Fiber and Composite Materials, Surface Physical Chemistry of Organic Materials

Inorganic Materials

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

Major Study Fields

Ceramic Processing, Crystal Chemistry, Solid State Physics, Quantum Mechanics, Chemical Reaction Kinetics, Introduction to Ceramics, Inorganic Quantum Chemistry, Ceramics Laboratory, Deformation and Fracture of Engineering Materials

Chemical Engineering

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

Major Study Fields

Information Technology for Chemical Engineering, Chemical Process Design Practice, Transport Phenomena, Safety Engineering for the Process Plant, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Synthetic Organic Chemistry

Polymer Chemistry

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

Major Study Fields

Physical Chemistry, Structures of Polymers, Physical Chemistry of Polymers, Organic Chemistry, Polymer Chemistry, Industrial Polymer Chemistry, Physical Chemistry of Biopolymers, Fundamentals of Bioengineering, Catalytic Chemistry

Mechanical Engineering and Science

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

Major Study Fields

Mechanics of Materials, Engineering of Plasticity, Thermal Science and Engineering, Physics of Heat Transport, Fluid Science, Kinematics and Dynamics of Machinery, Mechanical Vibrations, Motion and Vibration Control, Computer Aided Design and Manufacturing, Bioengineering, Mechanical Engineering Design Projects

Mechanical and Intelligent Systems Engineering

http://www.mep.titech.ac.jp/mise.html

Major Study Fields

Mechanics of Deformation and Vibration, Energy and Fluid Flow, Information Science and Engineering, Design and Manufacturing, Research Project, Mechatronics, Measurement and Statistics, Creative Project for Mechanical and Intelligent Systems, Micro/Nano System, Intelligent Control Design, Intelligent Manufacturing System

Mechano-Aerospace Engineering

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

Major Study Fields

Thermofluids in Space Engineering, Space Systems Engineering, Applied Material Science, Mechatronics, Vibration Analysis, Machine Creation

Control and Systems Engineering

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

Major Study Fields

Fundamentals of Dynamical Systems, Feedback Control, Modern Control Theory, Introduction to Measurement Engineering, Image and Signal Processing, Robot Dynamics and Control, Creative Design, Sensing Technology, Mobile Systems and Control

Industrial and Systems Engineering

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

Major Study Fields

Introduction to Industrial Engineering and Management, Fundamentals for Economics and Management, Accounting Information, Mathematic for Management Engineering, Stochastic Model, OR and Modeling Processes, Marketing Management, Experiments on Fundamentals of Information Systems

Electrical and Electronic Engineering

http://www.u.ee.titech.ac.jp/index.html

Major Study Fields

Electricity and Magnetism, Circuit Theory, Algorithms and Programming, Control Engineering, Semiconductor Physics, Electric Machinery, Electron Devices, Communication Engineering

Computer Science

http://www.cs.titech.ac.jp/csu/index.html

Major Study Fields

Basic Integrated Circuits, Digital Communications, Computer Architecture, Computer Networks, Operating Systems, Programming, Discrete Structures and Algorithms, Signal Processing, Pattern Recognition, Introduction to Artificial Intelligence

Civil and Environmental Engineering

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

Major Study Fields

Soil Mechanics, Water Management for Environmental Health, Transportation Planning, Concrete Engineering, Landscape Design, Structural Mechanics, Engineering and Environment, Earthquake Engineering

Architecture and Building Engineering

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

Major Study Fields

Visual Design, Architectural Planning, Structural Mechanics, Building Construction, Structural Design, Geotechnical Engineering, Architectural Design and Drawing, Environmental Design, History of Architecture, Building Materials, Environmental Engineering and Building Services

Social Engineering

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

Major Study Fields

Microeconomics, Macroeconomics, Game Theory, Statistics for Social Sciences, Applied Mathematics for Social Sciences, Principles of Social Science, Introduction to Urban Planning, Fundamental Theories on View and Value, Environmental Planning and Design Studio, Planning Workshop in Social Engineering

International Development Engineering

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

Major Study Fields

International Development Engineering Experiment, Internship for International Development Engineering, Colloquium of International Development, Project Management, Exercises on International Development Project, Introduction to International Development, Introduction to Development Economics, Mathematical Methods of Physics, Policies and Institutions for Environmental Problems, System Design for Instrumentation and Measurements, Mechanism of Engineering Measurements, Simulation Engineering

INSTITUTES

Integrated Research Institute

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

The Integrated Research Institute was established in 2005 to restructure the university's research functions and establish a flexible body, capable of responding to the changing social needs. It anticipates the favorable state of society and industry from several years to decades in the future, identifies issues and problems to be addressed, and creates solutions integrating and unifying strands of knowledge in the university. It has been named "Integrated Research Institute" because it integrates knowledge across departmental boundaries, binds the university with society more closely; particularly through research collaboration with industry, and integrates advanced research and solutions research in cooperation with on-campus research centers.

Global Edge Institute

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

Global Edge Institute, founded in 2006, is a research institute where excellent young researchers from all over the world, in position as assistant professors, get trained under a mentored support and seek for the world's highest level research. This is a new challenge for Tokyo Tech to initiate a tenure-track system, in which the researcher may be offered a tenure position as associate professor or professor if successful at an assessment for tenure to be held in the 5th year of the term. Along with various supports towards independence, the appointees are expected to promote their own researches, as well as joint research at departments and laboratories in Tokyo Tech, through their efforts to acquire competitive funds.

RESEARCH AND SERVICE CENTERS

(As of May 1, 2008)

Health Service Centers

http://www.gakumu.titech.ac.jp/gakuseisien/health/center/english/index.html

Main Activities

Providing comprehensive health care services for students and staff, promoting their physical and mental well-being and maintaining environmental hygiene on the campuses.

Center for Research and Development of Educational Technology

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

Main Activities

Research, development and the application of methods in educational technology for the improvement of education.

Global Scientific Information and Computing Center

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

Main Activities

Administers the supercomputing facility, authentication and authorization system for members of Tokyo Tech faculty, staff, and students, and the campus network system, which serve as the key computational and communication resources for advanced research, education, and administration, and also collaborates with overseas partners as well to promote international exchange for research and education.

Research Center for Low Temperature Physics

http://www.rcntp.titech.ac.jp/index_center_eng.htm

Main Activities

Conducting research on low temperature physics and low temperature science and technology in collaboration with researchers inside and outside of the Institute, and providing cryogen and cryogenic techniques to support research on campus.

Research Center for Educational Facilities

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

Main Activities

Research and development on planning, design, and management of educational, cultural, academic, and sport facilities for improving their quality, providing all user groups with larger utility, and serving life-long learning in the community in effective ways.

Volcanic Fluid Research Center

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

Main Activities

Research on volcanology, and observation of Kusatsu-Shirane and other active volcanoes. The Center also provides field study on volcanology for students.

International Student Center

http://www.ryu.titech.ac.jp/index.php

Main Activities

We offer the courses on Japanese language and culture, consultation services to students, as well as promotions and supports for Japanese students to study overseas. In addition to these actual educational programmes and support services, we also conduct research and surveys related to these matters to make our educational effort more effective and meaningful to the students.

Research Center for Carbon Recycling and Energy

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

Main Activities

Develops technology such as efficient utilization of energy, carbon dioxide sequestration, and solar hybrid fuel production, aiming at their practical use to help protect the earth from global warming.

Quantum Nanoelectronics Research Center

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

Main Activities

Research on photonic and electronic devices, optoelectronic devices using nanotechnology, quantum effects, developments of crystal growth and processing technologies, physics in quantum effect devices, and designing 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, exploring new methods of teaching foreign languages. Also acts as a medium for cross-cultural development on campus.

Frontier Research Center

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

Main Activities

The Frontier Research Center (FRC) was re-established in 2007, unifying itself with other centers. FRC aims to promote advanced research in collaboration with industry and government, and also support the world's top level faculty in Tokyo Tech.

Center for Biological Resources and Informatics

http://www.grc.bio.titech.ac.jp/en/index.htm

Main Activities

The Department of Research conducts research on information analyses of protein, genome and RNA. The Department of Resources is composed of Bioinformatics, Gene Research, and Radioisotope Research Divisions, all supporting the research and education by raising lab animals and providing trainings for handling of radioisotopes and accelerators.

School of Bioscience and Biotechnology (2 Departments)

(As of May 1, 2008)

Bioscience

http://www.bio.titech.ac.jp/bioscience/

Major Study Fields

Biochemistry, Molecular Biology, Cell Biology, Microbiological Science, Developmental Biology, Bioorganic Chemistry, Biological Physics, Molecular Genetics, Plant Physiology

Biotechnology

http://www.bio.titech.ac.jp/biotechnology/

Major Study Fields

Biochemistry, Bioorganic Science, Biochemical Engineering, Genetic Engineering, Fundamentals of Bioengineering, Cellular Engineering, Molecular Biology, Physical Chemistry, Biomacromolecule, Organic Chemistry



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

Institute Libraries (Ookayama Library and Suzukakedai Library)

The Institute Libraries, boasting the foremost collection in Japan of science and technological journals, have served as one of the government-appointed National Centers of Overseas Periodicals in these fields since 1977. The libraries annually collect in excess of 30,000 worldwide journals with e-journals and conference proceedings to support and facilitate users both on and off campus. In addition, an electronic library service has been available since 1998 with the establishment of an e-library system (TDL).



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

Tokyo Tech High School of Science and Technology

The School has been designated as s Super Science High School, with the mission to develop and design special educational programs for high standards of science and technology. It also aims to advance all-round education for science-based and technology-oriented students and seeks to integrate university education into their early development, which is reflected in a special admission quota of such students to Tokyo Tech.



(As of May 1, 2008)

	High School of Science and Technology				
	Admission	Enrollment			
		1st year	2nd year	3rd year	Total
Department of Science and Technology	200	204 (22)			204 (22)
Applied Chemistry Course			40 (6)	40 (7)	80 (13)
Information Systems Course			38 (8)	37 (1)	75 (9)
Mechanical Systems Engineering Course			40 (2)	40 (4)	80 (6)
Electrical and Electronics Course			40 (0)	39 (5)	79 (5)
Architectural Design Course			33 (8)	37 (10)	70 (18)
Total	200	204 (22)	191 (24)	193 (27)	588 (73)

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

International House and Dormitories

International House

Conveniently located in the Ishikawadai area on the Ookayama campus, the International House provides researchers from overseas with an apartment to live and a forum for international understanding and communication.

Umegaoka Dormitory

A dormitory for international students, located in Aoba-ku, Yokohama. It is in a 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 in a 15-minute walking distance from the Ookayama campus.

Shofu Gakusha (Dorm)

A dormitory for male students except international students, located next to Shofu Dormitory.

Tokyo Tech Nagatsuta House

A dormitory for international students, located in Midori-ku, Yokohama. The nearest station is Nagatsuta on the Tokyu Den'entoshi Line.

Tokyo Tech Aobadai House

A men's dorm for both international and domestic students. Men researchers may also be accommodated. It is located inside Shofu Gakusha

House	Resident	Type of Accommodation	Number of Rooms	Area (m ²)
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	Male Students except International Students	Single	144	13
Tokyo Tech Nagatsuta Hosue	International Students	Single	128	7
Tokyo Tech Aobadai House	International and Domestic Students and Researchers (Men only)	Single	16	13



International House



Umegaoka Dormitory



Shofu Dormitory and Shofu Gakusha



Senzokuike International House

STAFF/STUDENT NUMBERS

Number of Staff

(As of May 1, 2008)

	The Board					Research and Teaching Staff								Office and Technical Staff				Total
	President	Vice 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	Others	Sub Total	
The Board	1	4	2	7														7
Graduate School	Science and Engineering (Science)					49	38		58	3			148					148
	Science and Engineering (Engineering)					109	107		114	1			331					331
	Bioscience and Biotechnology					23	19	3	37	3			85					85
	Interdisciplinary Graduate School of Science and Engineering					51	43	3	38	3			138		1		1	139
	Information Science and Engineering					29	22	4	20				75					75
	Decision Science and Technology					29	23	1	22				75					75
	Innovation Management					8	2						10					10
Chemical Resources Laboratory						12	13	1	21				47					47
Precision and Intelligence Laboratory						12	17		20				49					49
Materials and Structures Laboratory						11	15		9				35					35
Research Laboratory for Nuclear Reactors						8	11		15				34					34
Research and Service Centers						39	28	4	10	2			83			2	2	85
High School of Science and Technology											44	8	52					52
Integrated Research Institute						6	1						7					7
Administration Bureau														449		5	454	454
Technical Department															86		86	86
Total	1	4	2	7		386	339	16	364	12	44	8	1,169	449	87	7	543	1,719

Project-Based/Adjunct Staff

(As of May 1, 2008)

			Professor	Associate Professor	Lecturer	Assistant Professor	Others	Total	Visiting Professor	Visiting Associate Professor	Total
Instructors (including professors)	185	→	87	28	4	37	29	185			
Researchers (including research professors)	191	→	6	4	1	6	174	191			
Lecturers	199	→	12	1			4	17	125	57	182
Teaching Associates on Projects	73										
Project-supporting Staff (full-time)	56										
Technical Personnel on Projects	11										
Research Associates on Projects	17										
Project-supporting Staff (part-time)	666										
Total	1,398	Total	105	33	5	43	207	393	125	57	182

Graduate Students

(As of May 1, 2008)

Department		Admission	Master's Course						Master's Course Total	Admission	Doctoral Course								Doctoral Course Total
			Enrollment								Enrollment								
M	F	M	F	Total		M	F	M	F	Total		M	F	Total					
Graduate School of Science and Engineering	Mathematics	22	17	1(1)	19	1	36	2(1)	38(1)	8	2(1)	1	3	0	8	1	13(1)	2	15(1)
	Physics (Particle, Nuclear and Astro-Physics)	23	17	4	33(1)	2	50(1)	6	56(1)	8	6(1)	0	5	1	12(1)	0	23(2)	1	24(2)
	Physics (Condensed Matter Physics)	35	30	2	35	3	65	5	70	12	4(1)	0	5	0	10	1	19(1)	1	20(1)
	Chemistry	35	39	2	40(1)	7	79(1)	9	88(1)	12	12	2(1)	15(1)	1	8	2	35(1)	5(1)	40(2)
	Earth and Planetary Sciences	19	13	3	17	4	30	7	37	7	5	5	3	2	7	0	15	7	22
	Chemistry and Materials Science	29	28(1)	2(1)	29(3)	6(1)	57(4)	8(2)	65(6)	10	4	0	7	1	10(2)	2(1)	21(2)	3(1)	24(3)
	Metallurgy and Ceramics Science	36	40(2)	5(1)	50(6)	7(5)	90(8)	12(6)	102(14)	13	12(3)	1(1)	8(1)	3(2)	15(4)	5(2)	35(8)	9(5)	44(13)
	Organic and Polymeric Materials	46	39(3)	8(2)	51(3)	12(5)	90(6)	20(7)	110(13)	15	7(1)	0	13(5)	2(1)	15(4)	2(2)	35(10)	4(3)	39(13)
	Applied Chemistry	20	19(1)	7(2)	24	5(1)	43(1)	12(3)	55(4)	7	2	0	3	1	9	0	14	1	15
	Chemical Engineering	26	24(2)	3	25(2)	5(3)	49(4)	8(3)	57(7)	9	3(1)	0	3(1)	0	11(3)	5(3)	17(5)	5(3)	22(8)
	Mechanical Sciences and Engineering	35	38(3)	1	49(5)	1	87(8)	2	89(8)	12	4(1)	0	7(3)	0	13(6)	3(3)	24(10)	3(3)	27(13)
	Mechanical and Control Engineering	43	47	1	62(4)	2(1)	109(4)	3(1)	112(5)	15	9(3)	1	13(4)	1(1)	18(4)	0	40(11)	2(1)	42(12)
	Mechanical and Aerospace Engineering	24	34(1)	0	36(2)	3(2)	70(3)	3(2)	73(5)	9	1(1)	0	2	1(1)	6(1)	0	9(2)	1(1)	10(3)
	Electrical and Electronic Engineering	27	34	0	43(4)	3(1)	77(4)	3(1)	80(5)	10	7(3)	0	13(5)	1(1)	16(6)	3(3)	36(14)	4(4)	40(18)
	Physical Electronics	28	37(4)	1(1)	45(12)	0	82(16)	1(1)	83(17)	9	8(3)	0	8(1)	1(1)	19(7)	3(3)	35(11)	4(4)	39(15)
	Communications and Integrated Systems	27	44(8)	1	38(3)	6(2)	82(11)	7(2)	89(13)	10	4(1)	1(1)	8(1)	1(1)	13(9)	0	25(11)	2(2)	27(13)
	Civil Engineering	21	15(1)	3(1)	29(7)	8(4)	44(8)	11(5)	55(13)	8	1(1)	0	7(3)	2(1)	14(5)	0	22(9)	2(1)	24(10)
	Architecture and Building Engineering	32	29(2)	7	49(10)	14(1)	78(12)	21(1)	99(13)	11	3	1	6(1)	2	12(5)	3(1)	21(6)	6(1)	27(7)
	International Development Engineering	24	19(4)	2(1)	18(6)	7(3)	37(10)	9(4)	46(14)	9	3(2)	0	7(4)	5(5)	15(10)	5(3)	25(16)	10(8)	35(24)
Nuclear Engineering	16	16(1)	1(1)	31(8)	4	47(9)	5(1)	52(10)	9	6(1)	1(1)	12	2(2)	23(4)	4(1)	41(5)	7(4)	48(9)	
Total	568	579(33)	54(11)	723(77)	100(29)	1,302(110)	154(40)	1,456(150)	203	103(24)	13(4)	148(30)	27(16)	254(71)	39(22)	505(125)	79(42)	584(167)	
Graduate School of Bioscience and Biotechnology	Life Science	21	20(2)	7	22(2)	6(2)	42(4)	13(2)	55(6)	8	4	0	3	2(2)	10(1)	1(1)	17(1)	3(3)	20(4)
	Biological Sciences	18	16	8(1)	21(3)	10(4)	37(3)	18(5)	55(8)	6	9(1)	0	4	4	8(1)	4	21(2)	8	29(2)
	Biological Information	18	23(2)	6(1)	26(2)	10(3)	49(4)	16(4)	65(8)	6	8	1	6	4(1)	15(1)	4(1)	29(1)	9(2)	38(3)
	Bioengineering	20	19(1)	8	23(4)	11(1)	42(5)	19(1)	61(6)	7	7(3)	1(1)	6(1)	2(2)	5(1)				

Note: 1. Figures given in parentheses represent the number of students from abroad.
2. Department marked with * offers Professional Master's Course.
3. Department marked with ** offers Doctoral Course.

STAFF/STUDENT NUMBERS

Undergraduate Students

(As of May 1, 2008)

Department		Admission Quota	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	Mathematics	25			26	2	26	1	40	3	92	6	98
	Physics	54			55(2)	6(1)	53(2)	8	71(2)	5	179(6)	19(1)	198(7)
	Chemistry	37			29	6	31	6	45(1)	4	105(1)	16	121(1)
	Information Science	34			27	3	34(1)	2	44	5(1)	105(1)	10(1)	115(2)
	Earth and Planetary Sciences	35			16	7	31	5	46	1	93	13	106
	1st year		204(2)	22							204(2)	22	226(2)
	Total	185	204(2)	22	153(2)	24(1)	175(3)	22	246(3)	18(1)	778(10)	86(2)	864(12)
School of Engineering	Metallurgical Engineering	33			34		32	5	45(1)	1	111(1)	6	117(1)
	Organic and Polymeric Materials	20	92(3)	9(1)	21(2)	2	25(1)		23	3(1)	69(3)	5(1)	74(4)
	Inorganic Materials	30			26	1	25	5	31	4	82	10	92
	Chemical Engineering	70			55(1)	15(5)	64(1)	7(5)	78(4)	16(5)	197(6)	38(15)	235(21)
	Polymer Chemistry	30	111(5)	14	27(2)	7	29(2)	7(1)	30	5	86(4)	19(1)	105(5)
	Mechanical Engineering and Science	52			50(3)	1	46(2)	4(1)	71(5)	3	167(10)	8(1)	175(11)
	Mechanical and Intelligent Systems Engineering	40			34(3)	4	42(4)	2	53(3)	3	129(10)	9	138(10)
	Mechano-Aerospace Engineering	40	228(22)	25(13)	42(1)	4	49(2)	1(1)	45(2)		136(5)	5(1)	141(6)
	Control and Systems Engineering	43			47(1)	2(1)	49(1)	3	55(3)	1	151(5)	6(1)	157(6)
	Industrial and Systems Engineering	36			35(1)	6(2)	42(3)	4(2)	44(2)	6(1)	121(6)	16(5)	137(11)
	International Development Engineering	40			36(13)	5(4)	24(8)	11(9)	42(19)	13(10)	102(40)	29(23)	131(63)
	Electrical and Electronic Engineering	82	226(6)	11(1)	80(7)	3(1)	82(7)	3(1)	109(5)	2	271(19)	8(2)	279(21)
	Computer Science	102			98(3)	7(1)	116(10)	6	133(5)	2	347(18)	15(1)	362(19)
	Civil Engineering (former)						28(3)	7	42(6)	7	70(9)	14	84(9)
	Civil and Environmental Engineering	34	76(1)	34(1)	33(1)	4					33(1)	4	37(1)
	Architecture and Building Engineering	45			30	20(2)	38(1)	21(1)	44(2)	14	112(3)	55(3)	167(6)
	Social Engineering	36			29	5	33	5	38	12	100	22	122
	1st year	* 20	733(37)	93(16)							733(37)	93(16)	826(53)
	Total	733	733(37)	93(16)	677(38)	86(16)	724(45)	91(21)	883(57)	92(17)	3,017(177)	362(70)	3,379(247)
School of Bioscience and Biotechnology	Bioscience	75			60(1)	11(1)	53	15	76(1)	9(2)	189(2)	35(3)	224(5)
	Biotechnology	75			69	13	68(2)	25(1)	78(2)	20(2)	215(4)	58(3)	273(7)
	1st year	* 10	139(1)	32(1)							139(1)	32(1)	171(2)
	Total	150	139(1)	32(1)	129(1)	24(1)	121(2)	40(1)	154(3)	29(4)	543(7)	125(7)	668(14)
Grand Total		1,068	1,076(40)	147(17)	959(41)	134(18)	1,020(50)	153(22)	1,283(63)	139(22)	4,338(194)	573(79)	4,911(273)

Note: 1. Figures marked with * represent the number of transfer students moving into the 3rd year.
2. Figures given in parentheses represent the number of students from abroad.

Research Students

(As of May 1, 2008)

	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	5	9	3	5	5	4	0	3	1	1	0	1	37
Students from abroad	3	37	2	9	9	6	1	4	3	3	0	7	84
Total	8	46	5	14	14	10	1	7	4	4	0	8	121

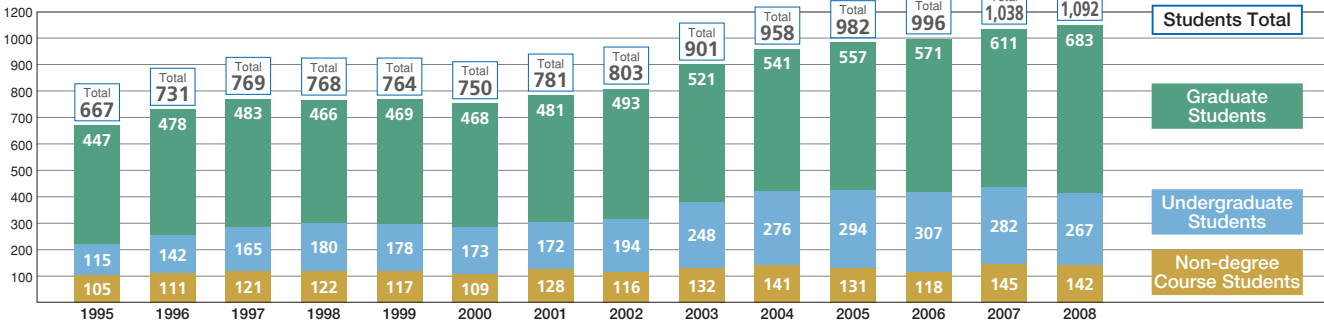
Students from Abroad

(As of May 1, 2008)

		Under-graduate Course	Master's Course	Doctoral Course	Non-degree Course	Total			Under-graduate Course	Master's Course	Doctoral Course	Non-degree Course	Total	
Asia	China	138(52)	161(72)	85(32)	36(16)	420(172)	Europe	Finland		1	1(1)	1	3(1)	
	Korea	31(1)	28(6)	62(17)	13(2)	134(26)		Norway		1(1)	1		3(1)	
	Vietnam	42(12)	22(7)	19(3)	1	84(22)		Bosnia-Herzegovina		2(1)			2(1)	
	Indonesia	6	16(5)	26(5)	9(2)	57(12)		Bulgaria			1	1	2	
	Thailand	7(3) [3]	12(3)	28(10)	5(1)	52(17) [3]		Iceland		1(1)	1		2(1)	
	Malaysia	21(5) [8]	9(4)	10(6)	2(1)	42(16) [8]		Netherlands		1		1	2	
	Bangladesh	1	3(1)	12(3)	3(1)	19(5)		Poland			2(1)		2(1)	
	Philippines	1	4(1)	13(4)	1(1)	19(6)		Slovenia		1(1)		1	2(1)	
	Taiwan		4(1)	8(4)	5(2)	17(7)		Austria		1			1	
	Cambodia	1	2	7(1)		10(1)		Belarus				1	1	
	India	3	1	5(1)	1(1)	10(2)		Croatia			1		1	
	Nepal	2(1)	5(2)	1		8(3)		Denmark		1			1	
	Mongolia		2(1)	3(3)	1	6(4)		Estonia			1		1	
	Pakistan			5	1	6		Hungary	1				1	
	Sri Lanka	3(1)	1	1	1	6(1)		Ireland			1		1	
	Myanmar		3(1)	1(1)	1(1)	5(3)		Italy			1		1	
	Kazakhstan		3(1)	1(1)		4(2)		Romania		1			1	
	Singapore				3	3		Serbia			1(1)		1(1)	
	China (Hong Kong)	2				2		Oceania	Australia		1	1	6(2)	8(2)
	Laos			2(1)		2(1)			Fiji Islands			1		1
						Papua New Guinea				1		1		
North America	U.S.A.		4	1	7(1)	12(1)	Middle East	Iran	2	4(3)	7(3)	5	18(6)	
	Canada		5	3	1	9		Turkey		1	5	3(1)	9(1)	
Central and South America	Brazil	2	1	7	1	11		Israel		2	2(1)		4(1)	
	Colombia		1(1)		2(1)	3(2)		Saudi Arabia	2 [2]				2 [2]	
	Mexico		1		2	3		Jordan	1				1	
	Peru			3		3		U.A.E				1	1	
	Bolivia		1	1		2		Africa	Egypt		1(1)	2		3(1)
	Ecuador			2		2			Sudan		1	1		2
	Argentina	1				1			Algeria			1		1
	Costa Rica		1			1			Cameroon		1			1
	Cuba			1		1	Ethiopia					1	1	
	Nicaragua		1			1	Madagascar					1	1	
Europe	France		5	4	6(1)	15(1)	Malawi					1	1	
	Germany		2	6(2)	3	11(2)	Nigeria					1	1	
	Sweden			2	5	7	South Africa					1	1	
	U.K.		3(1)	1	1	5(1)	Tanzania				1		1	
	Russia		1	2	1(1)	4(1)	Zimbabwe		1			1		
	Spain			2	2	4	Total	267 (75) [13]	325 (115)	358 (101)	142 (35)	1092 (326) [13]		
	Switzerland		1	1	2	4								

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 Students from Abroad



ENROLLMENT AND GRADUATION

ENROLLMENT

Enrollment in Graduate Courses for FY2008

	Master's Course							Doctoral Course						
	Graduate School of Science and Engineering	Graduate School of Bioscience and Biotechnology	Graduate School of Science and Engineering	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	Graduate School of Science and Engineering	Graduate School of Bioscience and Biotechnology	Graduate School of Science and Engineering	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
Application	1,014	189	805	187	178	90	2,463	192	59	174	38	40	13	516
Admission	568	98	433	98	95	30*	1,322	203	35	219	35	44	7	543
Enrollment	633(19)	137	473(18)	122(8)	112(9)	33(12)	1,513(141)	116(52)	40(11)	119(42)	22(13)	22(13)	10(2)	329(144)

Note: 1. Figures given in parentheses represent the number of the 2007 fall enrollment.
2. Figure marked with* represent the number of students in Professional Master's Course.

Enrollment in International Graduate Course (starting in October)

	2000			2001			2002			2003			2004			2005			2006			2007			1993-2007		
	M	D	Sub Total	M	D	Sub Total	M	D	Sub Total	M	D	Sub Total	M	D	Sub Total	M	D	Sub Total	M	D	Sub Total	M	D	Sub Total	M	D	Sub Total
Graduate School of Science and Engineering	14	14	28	9	11	20	14	13	27	21	18	39	16	18	34	13	22	35	21	14	35	37	3	40	248	211	459
Graduate School of Bioscience and Biotechnology	1	5	6	7	3	10	5	4	9	0	3	3	3	1	4	3	2	5	2	2	4	9	2	11	56	52	108
Interdisciplinary Graduate School of Science and Engineering	6	11	17	5	9	14	7	6	13	8	3	11	4	5	9	6	6	12	3	10	13	16	2	18	87	94	181
Graduate School of Information Science and Engineering	2	2	4	1	1	2	2	2	4	4	2	6	4	3	7	5	1	6	2	2	4	7	4	11	47	25	72
Graduate School of Decision Science and Technology	0	1	1	5	1	6	4	1	5	4	1	5	1	2	3	1	0	1	5	1	6	6	0	6	37	14	51
Total	23	33	56	27	25	52	32	26	58	37	27	64	28	29	57	28	31	59	33	29	62	75	11	86	475	396	871

Enrollment in Undergraduate Courses for FY2008

	Science	Engineering	Bioscience & Biotechnology	Total
Application	1,206	4,436	777	6,419
Admission	185	730	153	1,068
Enrollment	200	785	162	1,147



GRADUATION

Number of Doctoral Degrees Conferred

(As of March 31, 2008)

		Graduate Courses Ph.D.					Dissertation Ph.D.				
		Doctor of Science	Doctor of Engineering	Doctor of Philosophy	Doctor of MOT	Subtotal	Doctor of Science	Doctor of Engineering	Doctor of Philosophy	Doctor of MOT	Subtotal
Graduate School of Science and Engineering	2007	41	127	11	0	179	2	24	0	0	26
	Total number since the establishment	1075	2877	124	0	4076	398	2417	23	0	2838
Graduate School of Bioscience and Biotechnology	2007	17	18	2	0	37	0	3	0	0	3
	Total number since the establishment	321	319	5	0	645	35	51	0	0	86
Interdisciplinary Graduate School of Science and Engineering	2007	27	89	3	0	119	1	11	0	0	12
	Total number since the establishment	433	1624	48	0	2105	137	797	11	0	945
Graduate School of Information Science and Engineering	2007	6	8	4	0	18	1	3	0	0	4
	Total number since the establishment	61	150	46	0	257	13	44	3	0	60
Graduate School of Decision Science and Technology	2007	0	11	17	0	28	0	2	1	0	3
	Total number since the establishment	6	115	137	0	258	1	16	17	0	34
Graduate School of Innovation Management	2007	0	2	0	4	6	0	0	0	0	0
	Total number since the establishment	0	2	0	4	6	0	0	0	0	0
Total		1896	5087	360	4	7347	584	3325	54	0	3963

Students after Graduation for the Class of FY2007

Master's Degrees

	Number of Graduates	Further Study	Manufacturers	Non-Manufacturers	Education	Government or Public Agencies	Others
Graduate School of Science & Engineering	710	104	405	172	3	9	17
Graduate School of Bioscience & Biotechnology	160	45	74	24	3	2	12
Interdisciplinary Graduate School of Science & Engineering	533	61	323	136	1	5	7
Graduate School of Information Science & Engineering	126	17	36	65	1	3	4
Graduate School of Decision Science & Technology	115	14	19	71	2	3	6
Graduate School of Innovation Management*	33	1	11	9	0	1	11
Total	1,677	242	868	477	10	23	57

Note: Figure marked* represent Professional Master's Course

Doctoral Degrees

	Number of Graduates	Manufacturers	Non-Manufacturers	Education	Government or Public Agencies	Others
Graduate School of Science & Engineering	179	46	32	16	1	84
Graduate School of Bioscience & Biotechnology	37	11	3	2	1	20
Interdisciplinary Graduate School of Science & Engineering	119	33	14	6	2	64
Graduate School of Information Science & Engineering	18	3	6	2	0	7
Graduate School of Decision Science & Technology	28	2	7	2	0	17
Graduate School of Innovation Management	6	0	0	0	0	6
Total	387	95	62	28	4	198

Bachelor's Degrees

	Number of Graduates	Further Study	Manufacturers	Non-Manufacturers	Education	Government or Public Agencies	Others
School of Science	188	157	6	14	2	0	9
School of Engineering	804	697	31	59	1	0	16
School of Bioscience & Biotechnology	169	144	3	11	0	0	11
Total	1,161	998	40	84	3	0	36

NEW FEATURES OF RESEARCH PROGRAMS

The Global COE Programs at Tokyo Institute of Technology

The Global COE Program has been introduced by the MEXT as the successor to the 21st Century COE Program. Starting in 2007, the program aims to further strengthen and enhance functions of graduate schools and create centers of excellence of the world's highest standard. For FY2008, Tokyo Tech's three programs were selected.

2007～

Evolving Education and Research Center for Spatio-Temporal Biological Network

<http://www.bio.titech.ac.jp/english/globalcoe.html>
Field of Study: Life Science
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. SHIRAHIGE, Katsuhiko](#)
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); The Scripps Research Institute, Department of Molecular Biology (USA); Centre national de la recherche scientifique, IBMC, Département Machineries Traductionnelles (France)
The Amount of Subsidy for FY2008: 349,570,000 JPY

Education and Research Center for Material Innovation

<http://www.matgcoe.op.titech.ac.jp/>
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
The Amount of Subsidy for FY2008: 298,350,000 JPY

Education and Research Center for Emergence of New Molecular Chemistry

<http://www.coechem6.titech.ac.jp/en/>
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
The Amount of Subsidy for FY2008: 306,150,000 JPY

Computationism as Foundations of Sciences

http://compview.titech.ac.jp/front-page-en/view?set_language=en
Field of Study: Information, Electrical and Electronic Sciences
Graduate Schools/ Research Institutes: Information Science and Engineering, Science and Engineering, Interdisciplinary Science and Engineering, Global Edge Institute
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 Zuerich Institut fuer Theoretische Informatik (Switzerland); University of California, San Diego, San Diego Supercomputer Center (USA)
The Amount of Subsidy for FY2008: 217,620,000 JPY

Photonics Integration - Core Electronics

<http://www.gcoe-pice.titech.ac.jp/index.htm>
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)
The Amount of Subsidy for FY2008: 317,070,000 JPY

2008～

Nanoscience and Quantum Physics

<http://www.phys.titech.ac.jp/english/index.html>
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
The Amount of Subsidy for FY2008: 204,620,000 JPY

International Urban Earthquake Engineering Center for Mitigating Seismic Mega Risk

<http://www.cuee.titech.ac.jp/index-e.html>
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
The Amount of Subsidy for FY2008: 329,680,000 JPY

Multidisciplinary Education and Research Center for Energy Science

<http://www.energy.titech.ac.jp/index-e.html>
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
Departments/ Centers: [Mechanical and Control Engineering](#), Physical Electronics, Chemical Engineering, Applied Chemistry, Mechanical and Aerospace Engineering, Metallurgy and Ceramics Science, Organic and Polymeric Materials, Chemistry, International Development Engineering, Innovative and Engineered Materials, Electronic Chemistry
Program Leader: [Prof. HIRAI, Shuichiro](#)
Partners: Georgia Institute of Technology, Department of Mechanical Engineering; Korea Advanced Institute of Science and Technology, Department of Mechanical Engineering; Universitaet Stuttgart, Institut fuer Physikalische Elektronik
The Amount of Subsidy for FY2008: 298,870,000 JPY

FY2007	1,455,220,000 JPY	(335,820,000 JPY)
FY2008	2,321,930,000 JPY	(535,830,000 JPY)
Total amount of funding	3,777,150,000 JPY	(871,650,000 JPY)

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

The 21st Century COE Programs at Tokyo Institute of Technology

The 21st Century COE Programs was established by the MEXT in 2002. The ongoing programs at Tokyo Tech are as follows:

2004～

Science of Institutional Management of Technology (SIMOT)

-Elucidation of Japan's Co-evolutionary Dynamism Accruing to Global Assets

<http://www.me.titech.ac.jp/coe/eng/index.html>
Field of Study: New Scientific Fields
Graduate Courses/ Research Centers: Graduate School of Decision Science and Technology/ Graduate School of Innovation Management
Departments/ Centers: [Industrial Engineering and Management/ Innovation](#)
Program Leader (Number of Members): [Prof. WATANABE, Chihiro](#) (20)
The Amount of Subsidy for FY2008 : 83,600,000 JPY

Creation of Agent-Based Social Systems Sciences

<http://www.absss.titech.ac.jp/en/>
Field of Study: New Scientific Fields
Graduate Courses/ Research Centers: Interdisciplinary Graduate School of Science and Engineering/ Graduate School of Decision Science and Technology
Departments/ Centers: [Computational Intelligence and Systems Science/ Value and Decision Science](#)
Program Leader (Number of Members): [Prof. DEGUCHI, Hiroshi](#) (22)
The Amount of Subsidy for FY2008 : 81,400,000 JPY

How to build habitable planets?

<http://coe21.geo.titech.ac.jp/ENG/index.html>
Field of Study: New Scientific Fields
Graduate Courses/ Research Centers: Graduate School of Science and Engineering/ Graduate School of Bioscience and Biotechnology/ Interdisciplinary Graduate School of Science and Engineering/ Frontier Research Center/ Volcanic Fluid Research Center
Departments/ Centers: [Earth and Planetary Sciences/ Chemistry/ Chemistry and Materials Science/ Biological Science/ Bioengineering/ Environmental Science and Technology](#)
Program Leader (Number of Members): [Prof. TAKAHASHI, Eiichi](#) (16)
The Amount of Subsidy for FY2008 : 106,590,000 JPY

FY2002	751,000,000 JPY	
FY2003	1,580,000,000 JPY	
FY2004	1,739,600,000 JPY	
FY2005	1,780,600,000 JPY	(59,400,000 JPY)
FY2006	1,759,817,000 JPY	(137,727,000 JPY)
FY2007	1,122,000,000 JPY	(102,000,000 JPY)
FY2008	271,590,000 JPY	(24,690,000 JPY)
Total amount of funding	9,004,607,000 JPY	(323,817,000 JPY)

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

Endowed Chairs by Private Companies

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

Affiliation: Graduate School of Science and Engineering

This division provides a structured guidance on how to establish IT-Governance and to keep the information system effective beyond its life cycle. Through an analysis of practical examples, this division also provides a useful and practical assistance for the Government concerning the e-Government system.

Carbon Alloy Catalyst Engineering [Nisshinbo Industries Endowed Chair]

Affiliation: Graduate School of Science and Engineering

This lecture course on carbon-based materials will focus on new research into the catalytic properties of carbon alloy. This research aims to establish carbon catalysts as a new scientific field of study through training of technical and research staff, and hopes to bring about advances in engineering applications.



NEW FEATURES OF RESEARCH PROGRAMS

Innovative Research Initiatives (25 Projects)

(As of May 1, 2008)

Field	Title	Project Leader	
Life Science	Study Program of Brain Informatics	Interdisciplinary Graduate School of Science and Engineering	Prof. NAKAMURA, Kiyohiko
	International Bio-Forum Tokyo Tech	Graduate School of Bioscience and Biotechnology	Prof. HIROSE, Shigehisa
	Medico-Dental Engineering Cooperative Research Initiative	Interdisciplinary Graduate School of Science and Engineering	Prof. OMATA, Toru
Information Technology	Development of Ultra-high-performance and Low-power Nano-device Integrated Circuit Technologies for Info-com-munications	Frontier Research Center	Prof. IWAI, Hiroshi
	Quantum Information Processing Devices	Quantum Nanoelectronics Research Center	Prof. ODA, Shunri
	Dependable Advanced Data Management	Global Scientific Information and Computing Center	Prof. YOKOTA, Haruo
	Intelligent CAD/CAE for Next Generation	Graduate School of Science and Engineering	Prof. HAGIWARA, Ichiro
Environment	CO2 Mitigation Technologies Combined with Highly Efficient Fossil-fuel Utilization and Sequestration	Research Center for Carbon Recycling and Energy	Prof. TAMAURA, Yutaka
	Value Added Remote Sensing	Interdisciplinary Graduate School of Science and Engineering	Prof. KOSUGI, Yukio
Nano-Technology & Materials	Development of New Industry Based of Ferrites	Graduate School of Science and Engineering	Prof. ABE, Masanori
	Study on Nonequilibrium Dynamics in Condensed System by Time-resolved Structural Analysis	Frontier Research Center Graduate School of Science and Engineering	Prof. KOSHIHARA, Shin-ya
	Nano/Micro Machines and Nems/Mems	Precision and Intelligence Laboratory	Prof. YOKOTA, Shin-ichi
	Soft Processes : Environmentally Compatible Processings for Advanced Materials	Materials and Structures Laboratory	Assoc. Prof. MATSUSHITA, Nobuhiro
	Research Project on Nanofiber Technology	Graduate School of Science and Engineering	Prof. TANIOKA, Akihiko
	Nanoscale Photofunctional Materials	Chemical Resources Laboratory	Prof. IKEDA, Tomiki
	Development of Novel Quantum Functional Materials and their Application to Oxide Electronics by Nano-designing	Materials and Structures Laboratory	Prof. ITOH, Mitsuru
	Nano Thermodynamics	Materials and Structures Laboratory	Prof. ATAKE, Tooru
	Combinatorial Science Initiative	Graduate School of Science and Engineering	Prof. TAKAHASHI, Takashi
Energy	Entropia Laser Initiative	Graduate School of Science and Engineering	Prof. YABE, Takashi
	Advanced Fuel Cell Technology	Interdisciplinary Graduate School of Science and Engineering	Prof. YAMAZAKI, Yohtarō
	Research and Development of Lead-bismuth Eutectic Coolant Utilization	Research Laboratory for Nuclear Reactors	Prof. SEKIMOTO, Hiroshi
	Innovative Hydrogen Production	Materials and Structures Laboratory	Prof. HARA, Michikazu
Infrastructure	Structural Integrity Monitoring and Smart Materials and Structures	Graduate School of Science and Engineering	Prof. KISHIMOTO, Kikuo
	Development of Long Life Sustainable Building Structure	Materials and Structures Laboratory	Prof. TANAKA, Kyoji
Frontier	Space Utilization for Safe and Advanced Society	Interdisciplinary Graduate School of Science and Engineering	Prof. ODAWARA, Osamu

Tokyo Tech Launched Venture Company

(As of May 1, 2008)

Company	Representative	Summary of Business	Term Number	Conferred on:
Nippon CAD Co., Ltd. http://www.ncad.co.jp/	YOKOYAMA, Yoshio	Manufacture, construction and maintenance of mechanical and computer systems for golf driving ranges like chain conveyors for ball trolleys and the tee up devices.	3	1977.4.28
OKK Inc. http://www.okk-inc.co.jp/	SUZUKI, Takahito	Development and sales of original products featuring measurement with an optical technology.	3	1981.4.11
Brain Functions Laboratory, Inc. http://www.bfl.co.jp/	MUSHA, Toshimitsu	Development and sales of "Emotion Spectrum Analyser (ESA)," a system to display emotion quantitatively through EEG-analysis	2	1994.2.1
New Technology Management Co., Ltd. http://www.newtech-ECF.com/	EDAMURA, Kazuya	Research and development of ECF technology and applications, consultation on new technologies research and development.	2	1995.7.21
Tytemn Corporation http://www.tytemn.co.jp/index.htm	NOZAKI, Toshio	Sales, manufacturing, and R&D on high performance slurries for silicon water final polishing and for CMP in IC processing.	2	1996.4.3
DINO Co., Ltd. http://www.dino.co.jp/	TAKAHARA, Yoshihiro	Development and sales of computer software.	3	1998.8.14
Fu's Lab Co., Ltd. http://www.whoselab.com/home.html	MAKIUCHI, Setsuo	Development & planning of 3-D Camera Systems, Image Storage Systems, and Image Processing Software for Improvement and Restoration.	2 3	1999.7.30
EcoMEET Solutions Co., Ltd.	SHIRAIISHI, Hideki	Basic planning and optimum design for industrial waste disposal process and facilities based on the system of waste gasification and power generation as the core technologies.	1 2	2000.7.25
ChemGenesis Inc. http://www.chemgenesis.com/	TAYA, Yukio	Development, manufacture and sales of chemical libraries and biological tools based on combinatorial chemistry.	1	2001.3.1
BeyondLSI, Inc. http://www.beyondlsi.com/jp/	ASAHINA, Fuyuo	R&D, manufacture and sales of fingerprint authentication products.	1	2001.11.30
Optical Comb, Inc. http://www.optocomb.com/index.html	KOUROGI, Motonobu	Development, manufacturing, sales of "Optical Frequency Comb Generator" and related products.	1	2002.4.1
GenoMembrane, Inc. http://www.genomembrane.com/	YABUUCHI, Hikaru	Gene cloning, gene expression and functional analysis of drug transporters.	1 2	2002.4.1
Aphoenix, Inc. http://www.aphoenix.com/japanese/sitemap.html	KANO, Shingo	Drug Discovery & Chemical Genomics	1	2002.4.10
ai-Phase Co., Ltd. http://www.ai-phase.co.jp/	WATANABE, Takashi	Manufacture and sales of thermal property measurement systems and thermal analysis systems. High quality services of the thermal property measurement and the thermal analysis.	1 2	2002.4.16
BeyondMPEG, Inc.	WATANABE, Takashi	Moving picture codec business including video phone and video security system.	1	2002.7.23
Micro Energy, Ltd. http://www.microenergy.co.jp/	HASHIMOTO, Yoshiro	Development, manufacturing and sales of gasification power generation systems using industrial waste as fuel.	1	2003.4.9
Connectous Co. http://www.connectous.co.jp/	SHIDORI, Tomoki	Development of information security instruments, and providing information security related services.	3	2001.12.20
Thin-Film Process Soft, Inc. http://www.mydome.jp/venture_support/forecs/f2_19.htm	HIRATA, Toyoaki	Developing thin film preparation processes for many kinds of displays, and developing, manufacturing and sales of the "Mirrortron" process machines.	2	2000.7.7
Celagix Research Ltd. http://www.celagix.com/index.htm	IWAMA, Masamichi	Development of biomaterials and nano-particles of carbonate apatite for gene delivery.	1	2002.7.15
HiBot Corporation http://www.hibot.co.jp/	TAKITA, Kensuke	Research, development and sales of various robots	2 3	2004.4.15
Tokyo Geotech Co, Ltd.	AOKI, Takanori	Development, production and sales of simulation software 'DACSAR' analyzing the behavior of subsoil accompanied by construction of civil engineering /architecture structures, analyzing subsoil in natural disasters.	1 2 3	2004.5.18
TRIONSITE http://www.trionsite.com/	TOMITA, Makoto	Supporting industry promotion policies taken by local governments with planning and implementation. Survey and consulting. Establishment, sales, and operation of websites.	2 3	2004.7.2
eCompute Corporation http://www.ecompute.co.jp/	IDO, Shinobu	Provides software consulting and development, specializing in image processing, virtual reality and linux system.	1 2	2004.1.15
Tokyo Tech Engineering Solutions, Inc. http://www.ttes.co.jp/	SUGANUMA, Hisatada	Survey, planning, design, safety-check, monitoring, and retrofit of construction products.	2 3	2004.7.22
mimi.inc http://333.co.jp/	NANRI, Yosuke	Development and sales of application software for cellular phones.	3	2004.5.18
Luvina Software Company http://www.luvina.net/	NAKAMURA, Yoshito	Software development and operation. Consulting on investments in Vietnam.	3	2004.8.6
Techno Management Solutions Ltd. http://www.techmas.co.jp/	YAMAMOTO, Tsuyoshi	Development and sales of next-generation management systems and consulting service for a process plant life cycle.	2	2004.10.1
HUB Networks, Inc. http://www.hub.jp/	YONEKAWA, Takahiro	Development of software and hardware control systems.	2 3	2003.4.10
Chimeraworks http://chimeraworks.jp/	TANIGUCHI, Tomoya	Software development, sales, and management. R&D of information technology. R&D of medical devices.	3	2005.8.4
Interlocus, Inc. http://i-locus.com/	SHINODA, Junichi	R&D, sales and education on CAD / CAM / CAE / CG systems. Providing engineering services and/or solutions.	1 2	2005.9.9
Kawazoe Frontier Technology, Co., Ltd.	KAWAZOE, Hiroshi	R&D of materials technology and technology consulting services on hydrogen energy systems.	2	2003.1.6

NEW FEATURES OF RESEARCH PROGRAMS

Company	Representative	Summary of Business	Term Number	Conferred on:
AMSIS. Inc.	HIRACHI, Yasutake	R&D, design, production and sales of semiconductor devices and modules for microwave- and millimeterwave-systems	2	2005.10.11
Oisix Co., Ltd. http://www.oisix.com/	TAKASHIMA, Kohei	Online food retailing. Food retailing working with a network of dairies and alcoholic drinks retailers.	3	2000.6.1
Technovarth http://www.technovarth.jp/	FUJIMORI, Kazuya	Software development, sales, lease, and maintenance and management services.	3	2006.2.8
Kozo Zairyo Building Research Co., Ltd.	SUZUKI, Toshiro	R&D and technology consulting services on building steel structures and antiseismic structures.	2	1986.10.1
Electra Co.Ltd. http://www.electra-mg.com/	Eiichi, Matsunaga	Development, construction, manufacture of natural energy storage and recycle system	2	2007.1.18
MERSTech, Inc. http://www.merstech.com/	Masahito, Shiga	Industrialization and Commercialization of MERS technology based power electronics products and services (MERS:Magnetic Energy Recovery Switch)	1	2007.1.15
iMott Inc. http://www.imott.co.jp/	MATSUO, Makoto	R & D or consultation on techonology of segmented-DLC coating, its coating service and patents licensing	1	2007.2.8
PRESYSTEMS, Inc. http://www4.con.ne.jp/~presys	NAGATOU, Naoyuki	Sales and Developments of our testing tools on software systems.	2 3	2002.2.1
blogwatcher co., ltd. http://www.blogwatcher.co.jp/	HANO, Yoshihiko	Construction and development of CGM sites of blog and review, etc.Sales of advertising commodity and ASP.	2	2007.4.2
Ideallink Inc. http://ideallink.jp/	YAMAMOTO, Yuki	Development of documents sharing web site called "Hot.Docs" [URL: hotdocs.jp] You can think of Hot.Docs as a big online library where everyone can publish original content.	3	2007.5.1
PopLiberal Inc. http://www.ppll.jp/	NISHIMURA, Taichi	Research, development and sales of computer software mainly on the web application.	3	2007.5.25
PhosMega Co., Ltd. http://www.phosmega.com/index.htm	UEDA, Tomoaki	Developing medical and electronic measurement equipment, robots, and manufacture and sales of prototype instrumentation and systems.	2	2007.8.10
Visual Technology Laboratory Inc.	IWAMOTO, Yoshinao	Development and Sales of Simulation software on lighting design, color application, landscape design, and patent licensing and consultaion on them	1 2	2007.8.17

Note: 1. Term number 1 represents business making use of a patent right obtained by Tokyo Tech staff or student(s).
2. Term number 2 represents business making use of research and/or technique developed on campus.
3. Term number 3 represents business established by Tokyo Tech student(s) or with the student(s) involved.

JSPS International Scientific Cooperation Programs Awarded to Tokyo Tech

(FY2007)

Programs	Number of programs
Core University Program	2 (2)
AA Science Platform Program	1 (1)
Core-to-Core Program	1 (1)
Asian Science Seminar	0
Bilateral Programs (Joint Research and/or Joint Scientific Seminars)	17 (6)
JSPS International Scientific Meetings	2
RONPAKU (Dissertation Ph.D.) Program	3 (3)
Program for Sending Researchers to Specified Countries	0 (0)
Travel Grant for Academic Meetings	5
Postdoctoral Fellowship for Research Abroad	5 (2)
Invitation Fellowship Program for Research in Japan (Short-term)	4 (0)
Invitation Fellowship Program for Research in Japan (Long-term)	4 (0)
Invitation Fellowship Program for Research in Japan (nominated by Counterpart Institution)	7 (1)
Postdoctoral Fellowship Program for Foreign Researchers (Standard)	71 (43)
Postdoctoral Fellowship Program (Short-term)-Quotas for North American and European Researchers	4 (0)
JSPS Summer Program	3

Note: Figures given in parentheses represent the number of ongoing programs which have started in or before 2006.

Dispatch of Faculty Members as Technical Cooperation Experts of Japan International Cooperation Agency (JICA)

(FY2007)

Name	Affiliation	Project Title	Period
NADAOKA, Kazuo	Graduate School of Information Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	May 30-Jun.7
KAWASAKI, Junjiro	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jul.29-Aug.5
HINODE, Hirofumi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jul.29-Aug.5
TANJI, Yasunori	Graduate School of Bioscience and Biotechnology	Project Consultation Team for Southeast Asia Engineering Education Network	Jul.29-Aug.5
IKEDA, Syunsuke	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jul.31-Aug.3
KOSUGE, Hitoshi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jul.31-Aug.5
SUZUKI, Masaaki	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jul.31-Aug.5
OHMACHI, Tatsuo	Interdisciplinary Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Sep.7-21
AIZAWA, Tetsuya	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Sep.2-12
ITOH, Mitsuru	Materials and Structures Laboratory	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.11-18
ARAKI, Kiyomichi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.21-24
ODA, Shunri	Quantum Nanoelectronics Research Center	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.21-24
YAMAKITA, Masaki	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.21-24
KUNIEDA, Hiroaki	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.21-24
NISHIHARA, Akinori	Center for Research and Development of Educational Technology	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.21-25
URASE, Taro	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.23-29
IKEDA, Syunsuke	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.25-29
TANJI, Yasunori	Graduate School of Bioscience and Biotechnology	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.25-29
MIKI, Chitoshi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.25-Dec.2
KAJIUCHI, Toshio	Art and Crafts Education Research Support Center, Professor Emeritus	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.25-Dec.2
NIUYAMA, Hiroo	International Office, Professor Emeritus	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.25-Dec.2
KAWASAKI, Junjiro	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.25-Dec.2
SUZUKI, Masaaki	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.25-Dec.2
HINODE, Hirofumi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.25-Dec.2
KOSUGE, Hitoshi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.25-Dec.2
MUTA, Hiromitsu	Executive Vice President for Finance	Workshop on ODA Evaluation	Nov.27-30
KISHIMOTO, Kikuo	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Dec.9-12
KOSUGE, Hitoshi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jan.29-Feb.2
MUTA, Hiromitsu	Executive Vice President for Finance	Local Education Administration Improvement Program	Mar.9-15
MIKI, Chitoshi	Graduate School of Science and Engineering	Egypt-Japan University for Science and Technology "E-Just"	Mar.30-Apr.6

NEW FEATURES OF EDUCATION PROGRAMS

2007 Creativity Education and the Accredited Subjects

The Educational Planning Office has initiated a new project of accrediting subjects that will encourage and develop students' creativity. The project is being applied to both undergraduate and graduate courses. Having been highly evaluated with its excellent education in fostering creativity, Tokyo Tech aims to further promote its unique creativity education program. In addition, the Office will select the best creativity-developing subjects among the accredited subjects.

The accredited subjects are listed below, with the subjects selected on top of them being marked with ●.

<div><div>● Column Land</div><div>● Virtual Tour to Edo</div><div>● Column Kingdom</div><div>● Introduction to Creative Design I Column i land</div><div>● Experiments in Physics II Advanced Chemistry Laboratory I</div><div>● Creativity Laboratory in Metallurgy</div><div>● Ceramics Laboratory I</div><div>● Applied Chemistry Laboratory</div><div>● Polymer Chemistry Laboratory</div><div>● Mechanical Engineering Design Projects I II Machine Creation</div><div>● Mechatronics Laboratory Training in Laboratories on Control and Systems Engineering</div><div>Experiments on Fundamentals of Information Systems</div><div>● Landscape Design</div><div>● Exercise on Civil and Environmental Planning</div><div>● Infrastructure Planning and Design</div><div>● Architectural Design and Drawing I Architectural Design and Drawing II</div><div>● Creative Design for Bioscience and Biotechnology II</div><div>● Creative Project for Mechanical and Intelligent Systems</div><div>● Research Project</div><div>● Creative Design of Control Systems II</div></div>	<div><div>● Laboratory Works in Geotechnical Engineering</div><div>● Laboratory Works in Concrete Materials and Structures</div><div>● Laboratory Works in Structural Mechanics</div><div>● Architectural Design and Drawing III</div><div>● Architectural Design and Drawing IV</div><div>● Mechanical Engineering Literacy</div><div>● Creative Project for Bioscience and Biotechnology I Global COE Chemistry Program : Special Colloquium 1-6</div><div>Exercises in Organizing International Conferences II</div><div>● Advanced Space Systems Engineering Project Exercise 1 based on Next Generation VLSI Design</div><div>Practice in Nuclear Instrument Design</div><div>Project of Creative Energy Sciences</div><div>Advanced Lecture on Environmental Chemistry and Engineering II</div><div>● Built Environmental Laboratory I</div><div>● System Modeling</div><div>● Mechanical and Environmental Informatics Project</div><div>● Transdisciplinary Collaboration Practice Expression in Japanese</div></div>
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Number of Students Participating in the "Joint Education Course" of the Four-University Alliance

Tokyo Institute of Technology, Tokyo Medical and Dental University, Tokyo University of Foreign Studies, and Hitotsubashi University form a four-university alliance offering the Joint Education Course, in which students can expand their horizon of knowledge.

The number shows the Tokyo Tech students participating in the Course

		2002		2003		2004		2005		2006		2007		2008	
		Application	Approval	Application	Approval	Application	Approval	Application	Approval	Application	Approval	Application	Approval	Application	Approval
With three universities participating	Comprehensive Life Science Course ※1	18	6	8	8	16	10	29	23	27	23	25	23	31	25
	Overseas Cooperation Course ※1	9	8	2	2	4	4	6	6	6	6	4	3	2	2
	Research on Living Spaces Course ※1	8	4	4	3	3	3	5	4	13	13			6	4
	Subtotal	35	18	14	13	23	17	40	33	46	42	29	26	39	31
With two universities participating	Scientific Technology and Intellectual Property Course ※2	7	7	10	9	15	14	8	8	16	15	12	12	13	13
	Technology and Management Course ※2	16	5	11	4	14	7	15	5	31	6	28	6	26	6
	Bunri Sougou Course ※2	10	9	9	9	27	26	16	15	40	37	19	18	22	20
	Medical Engineering Course ※3	19	6	8	4	14	11	30	26	33	31	14	14	24	24
	International Technical Writing Course ※4	7	6	10	10	15	15	14	14	16	12	4	4	5	5
	The Economics of Medical and Health Care Course ※5														
	Subtotal	59	33	48	36	85	73	83	68	136	101	77	54	90	68
Total		94	51	62	49	108	90	123	101	182	143	106	80	129	99

Note: The course marked with ※1 is a program with Tokyo Tech, Hitotsubashi University, and Tokyo Medical and Dental University participating.
The course marked with ※2 is a program with Tokyo Tech and Hitotsubashi University participating.
The course marked with ※3 is a program with Tokyo Tech and Tokyo Medical and Dental University participating.
The course marked with ※4 is a program with Tokyo Tech and Tokyo University for Foreign Studies participating.
The course marked with ※5 is a program between Tokyo Medical and Dental University and Hitotsubashi University. Tokyo Tech is NOT participating.

Tokyo Tech-Tsinghua University Joint Graduate Program

Tokyo Institute of Technology and Tsinghua University in Beijing, China, have launched a joint program that provides students with the opportunity to study on both campuses and obtain a dual master's degree or a doctoral degree.

	Academic year 2006				Academic year 2007						Academic year 2008 (as of May 2008)			
	Master's Program				Master's Program				Doctoral Program		Master's Program			
	Tokyo Tech		Tsinghua University		Tokyo Tech		Tsinghua University		Tokyo Tech		Tokyo Tech		Tsinghua University	
	Admission	Enrollment	Admission	Enrollment	Admission	Enrollment	Admission	Enrollment	Admission	Enrollment	Admission	Enrollment	Admission	Enrollment
Nanotechnology Course	5	1	5	6	5	3	5	5	A few	1	5	0	5	5
Bioscience and Bioengineering Course	5	3	5	5	5	2	5	5	A few	1	5	1	5	4
Decision Science and Technology Course	2	2	2	1	2	1	2	2	A few	1	2	0	2	2
Total	12	6	12	12	12	6	12	12	A few	3	12	1	12	11

INTERNATIONAL COLLABORATION

Academic Cooperation Agreements (University-wide Agreements)

(As of May 1, 2008)

Region	Country	University/Institute	Concluded	Area of Exchange
Asia	China	Harbin Institute of Technology	1980.10	F.S.I.
		Tsinghua University	1985.4	F.S.I.
		Shanghai Jiao Tong University	1991.8	F.S.I.
		Peking University	1991.8	F.S.I.
		Xi'an Jiaotong University	1991.8	F.S.I.
		Zhejiang University	1993.9	F.S.I.
		Beijing Institute of Technology	1993.12	F.S.I.
		University of Science and Technology of China	1997.9	F.S.I.
		Dalian University of Technology	2006.11	F.S.I.
		Tongji University	2007.4	F.S.I.
		Tianjin University	2007.8	F.I.
	India	Indian Institute of Technology Delhi	1994.7	F.S.I.
	Indonesia	Bandung Institute of Technology	1988.6	F.S.I.
		University of Indonesia	1992.12	F.S.I.
		Gadjah Mada University	2000.2	F.S.I.
	Korea	Korea Advanced Institute of Science and Technology (KAIST)	1986.5	F.S.I.
		Korea Institute of Science and Technology (KIST)	1991.12	F.I.
		Korea Maritime University	1992.7	F.S.I.
		Korea University	1992.9	F.S.I.
		Kyungpook National University	1993.7	F.S.I.
		Chonbuk National University	1995.4	F.S.I.
		Hanyang University	1996.4	F.S.I.
		Yonsei University	2002.4	F.S.I.
		Pohang University of Science and Technology	2003.3	F.S.I.
		Seoul National University	2007.3	S.
	Mongolia	Mongolian University of Science and Technology	2003.6	F.S.I.
		National University of Mongolia	2007.4	F.S.I.
	Philippines	De La Salle University	1992.5	F.S.I.
		University of the Philippines	1992.8	F.S.I.
	Singapore	National University of Singapore	1991.2	F.S.I.
	Thailand	Chulalongkorn University	1985.10	F.S.I.
		King Mongkut's Institute of Technology Ladkrabang	1992.11	F.S.I.
		Thammasat University	1996.3	F.S.I.
		Kasetsart University	1996.12	F.S.I.
		National Science and Technology Development Agency (NSTDA)	2001.9	F.S.I.
		King Mongkut's Institute of Technology North Bangkok	2005.1	F.S.I.
		Asian Institute of Technology	2005.12	F.S.I.
		King Mongkut's University of Technology Thonburi	2007.10	F.S.I.
	Taiwan	National Cheng Kung University	1997.11	F.S.I.
		National Tsing Hua University	1998.11	F.S.I.
		National Taiwan University	1999.1	F.S.I.

Region	Country	University/Institute	Concluded	Area of Exchange
Asia	Taiwan	National Chiao Tung University	2004.11	F.S.I.
		National Central University	2007.10	F.S.I.
	Vietnam	Hanoi University of Technology	1995.8	F.S.I.
		Hanoi University of Science	1995.8	F.S.I.
North America	U.S.A.	University of Washington	1974.5	F.S.I.
		University of California	1988.4	F.S.
		Oregon State University	1992.7	F.S.I.
		University of Wisconsin-Madison	1992.8	F.S.I.
		University of Maryland Baltimore County, College Park	1992.11	F.S.I.
		Georgia Institute of Technology	2001.1	F.S.I.
		The Pennsylvania State University	2002.5	F.S.I.
		The University of Wisconsin-Milwaukee	2004.4	F.S.I.
	Canada	University of Waterloo	2006.12	F.S.I.
	Central and South America	Brazil	Universidade de São Paulo	1991.5
Instituto Tecnológico de Aeronáutica			1992.10	F.S.I.
Europe	Belgium	University of Ghent	1992.9	F.S.I.
		Universite Libre de Bruxelles(ULB)	1994.5	F.S.I.
	Denmark	Technical University of Denmark	1992.9	F.S.I.
		Carlsberg Laboratory and the University of Copenhagen	2007.8	F.S.I.
	Finland	Helsinki University of Technology	1995.10	F.S.I.
		Lappeenranta University of Technology	1998.4	F.S.I.
	France	Ecole Nationale des Ponts et Chaussées*	1992.9	F.S.I.
		Ecole Nationale Supérieure d'Arts et Metiers*	2002.4	F.S.I.
		University of Rennes 1	2002.5	F.S.I.
		Strasbourg Universities	2004.4	F.S.I.
		Ecole Polytechnique*	2006.2	S.
		Paristech**	2007.4	F.S.I.
	Germany	Ecole Nationale Supérieure des Mines De Paris*	2007.4	F.S.I.
		Technische Universität München	1982.7	F.S.I.
		Universität Stuttgart	1992.4	F.S.I.
		Johannes Gutenberg-Universität Mainz	2001.8	F.S.I.
		Universität Hannover	2004.2	F.S.I.
	Italy	Rheinisch-Westfälische Technische Hochschule Aachen	2007.9	F.S.I.
		University of Bologna	1997.3	F.S.I.
		University of Rome "La Sapienza"	1998.9	F.S.I.
Norway	Politecnico di Milano	2002.5	F.S.I.	
	Norwegian University of Science and Technology (NTNU)	1993.2	F.S.I.	
	Russia	Moscow Engineering Physics Institute	1993.6	F.S.I.
Novosibirsk State University		1999.11	F.S.I.	
Sweden	Royal Institute of Technology	1991.9	F.S.I.	
	Chalmers University of Technology	1992.10	F.S.I.	
	Linköping University	2008.2	F.S.I.	

Region	Country	University/Institute	Concluded	Area of Exchange
Europe	Switzerland	Eidgenössische Technische Hochschule Zurich	1978.9	F.S.I.
		The University of Zurich	2007.7	F.S.I.
	U.K.	University of Manchester	1979.5	F.S.I.
		University of Strathclyde	1993.2	F.S.I.
		University of Surrey	1993.9	F.S.I.
		University of Cambridge, Churchill College	2001.3	F.I.

Region	Country	University/Institute	Concluded	Area of Exchange
Oceania	Australia	University of Melbourne	1994.8	F.S.I.
		University of Technology, Sydney	2005.1	F.S.I.
Middle East	Israel	Technion-Israel Institute of Technology	1991.12	F.S.I.
	Iran	Sharif University of Technology	2000.11	F.S.I.
	Turkey	Middle East Technical University	1992.12	F.S.I.
		Bogazici University	1998.3	F.S.I.
Africa	Tanzania	Tanzania Fisheries Research Institute	2005.2	F.S.I.

** = French "grandes ecoles" ** = Institution created by 11 "grandes ecoles" in Paris
Note: 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, 2008)

Region	Country	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.	1980.8	F.I.
		Beijing Institute of Technology (Dept. of Control Engineering)	School of Eng. (Control and Systems Eng.)	1986.9	F.S.I.
		Tsinghua University (Exchange Association for Material Dynamics)	School of Eng. (Mechanical Eng.)	1989.9	F.S.I.
		Zhejiang University (Dept. of Civil Eng., College of Architecture and Building Eng.)	School of Eng. (Civil and Environmental Eng.)	1993.11	F.S.I.
		Tsinghua University(Center of Science, Technology and Society)	Graduate School of Decision Sci. and Tec. (Industrial Eng. and Management)	2001.9	F.S.I.
		Dalian University of Technology (Foreign Language School)	International Student Center	2003.12	F.I.
		Shanghai University (Precision Machinery Institute)	Precision and Intelligence Lab.	2005.10	F.I.
		Hong Kong University of Science and Technology (School of Science)	Graduate School of Bioscience and Biotechnology	2006.10	F.S.I.
		Northwestern Polytechnic University (School of Materials Science and Engineering)	Materials and Structures Lab.	2007.7	F.S.I.
	India	Sardar Patel University (Dept. of Materials Science)	Materials and Structures Lab.	2003.2	F.I.
		Jadavpur University (Dept. of History)	Graduate School of Decision Sci. and Tec. (Industrial Eng. and Management)	2007.7	F.S.I.
	Indonesia	Indonesian National Atomic Energy Agency	Research Lab. for Nuclear Reactors	1997.6	F.I.
		Sepuluh Nopember Institute of Technology	Graduate School of Sci. and Eng.	2004.5	F.S.I.
		Indonesian Institute of Sciences (Research Centre for Geotechnology)	Volcanic Fluid Research Center	2008.3	F.I.
	Kazakhstan	Al-Farabi Kazakh National University	Graduate School of Sci. and Eng. (Chemical Eng.)	2006.9	F.S.I.
		Kazakh-British National University	Graduate School of Sci. and Eng. (Chemical Eng.)	2006.9	F.S.I.
	Korea	Korea Advanced Institute of Science and Technology (KAIST),(Center for Advanced Reactor Research)	Research Lab. for Nuclear Reactors	1993.8	F.I.
		Korea Advanced Institute of Science and Technology (KAIST),(Center for Interface Science and Engineering of Materials)	School of Eng. (Inorganic Materials)	1996.5	F.I.
		Chosun University (Factory Automation Reseach Center for Parts of Vehicle)	School of Eng. (Mechanical Eng.)	1998.11	F.S.I.
		Seoul National University (Center for Molecular Catalysis)	Materials and Structures Lab.	1996.5	F.I.
		Seoul National University (School of Mechanical and Aerospace Engineering)	School of Eng. (Mechanical Eng.)	1999.4	F.S.I.
		Seoul National University (School of Economics)	Graduate School of Decision Sci. and Tech. (Social Eng.)	2006.1	F.S.I.
			Graduate School of Decision Sci. and Tech.	2006.4	F.S.I.
		Yonsei University (Department of Chemical Engineering, College of Engineering)	Graduate School of Sci. and Eng. (International Development Eng.)	1999.9	F.S.I.
		Korea University (Division of Materials Science and Engineering)	Graduate School of Sci. and Eng. (Metallurgy and Ceramics Sci.)	2005.6	F.S.I.

INTERNATIONAL COLLABORATION

Region	Country	University/Institute	Counterpart	Concluded	Area of Exchange
Asia	Korea	Hanyang University (School of Mechanical Engineering)	Gragudate School of Information Sci. and Eng. (Mechanical and Environmental Informatics)	2006.3	F.S.I.
		Sungkyunkwan University (Dept. of Chemical Engineering)	Graduate School of Sci. and Eng. (Organic and Polymeric Materials)	2007.12	F.S.I.
		Kyung Hee University (Regional Innovation Center for Components and Materials for Information Display)	Education and Research Center for Material Innovation	2008.1	F.S.I.
		Inha University (Dept. of Chemical Engineering)	Graduate School of Sci. and Eng. (Chemical Eng.)	2000.2	F.S.I.
		College of Engineering, Kongju National University (Dept. of Architectural Engineering and Architecture)	Materials and Structures Lab.	2007.9	F.S.I.
	Philippines	University of the Philippines (Dept. of Civil Eng., TTC, NHRC, SURP)	School of Eng. (Civil and Environmental Eng.)	1993.4	F.S.I.
		De La Salle University (Dept. of Chemical Engineering)	Graduate School of Sci. and Eng. (Chemical Eng.)	2005.9	F.S.I.
	Thailand	Asian Institute of Technology (School of Engineering and Technology)	Global Scientific Information and Computing Center	2005.12	F.I.
		Thammasat University (Sirindhorn International Institute of Technology)	Graduate School of Sci. and Eng. (Chemical Eng.)	2006.9	F.S.I.
		Chulalongkorn University (Faculty of Engineering)	Global Scientific Information and Computing Center	2007.5	F.I.
	Taiwan	National Central University (Research Center for Hazard Mitigation and Prevention)	Center for Urban Earthquake Eng.	2005.11	F.I.
		National Yang-Ming University (School of Life Sciences)	Graduate School of Sci. and Eng.	2006.9	F.S.I.
	Laos	Government of People's Democratic Republic of Laos	Graduate School of Sci. and Eng. (International Development Eng.) / Global Scientific Information and Computing Center	2006.4	F.I.
North America	Canada	Environment Canada (Numerical Prediction Research Division)	Global Scientific Information and Computing Center	2002.12	F.I.
		Simon Fraser University (Dept. of Engineering and Science)	Graduate School of Information Sci. and Eng. (Mechanical and Environmental Informatics)	2007.7	F.S.I.
	U.S.A.	University of Washington (Dept. of Architecture, School of Architecture and Urban Planning)	School of Eng. (Architecture and Building Eng.)	1978.1	F.I.
			School of Eng. (Control and Systems Eng.)	1991.6	F.S.I.
		Massachusetts Institute of Technology (Dept. of Mechanical Engineering)	School of Eng. (Mechano-Aerospace Eng.)	1996.5	F.S.I.
			Graduate School of Sci. and Eng., Graduate School of Information Sci. and Eng.	2007.4	F.S.I.
		Massachusetts Institute of Technology (Center for Advanced Nuclear Energy Systems)	Center for Research into Innovative Nuclear Energy Systems	2006.2	F.S.I.
		Stanford University (Dept. of Engineering)	School of Eng. (Mechanical Eng.)	1999.10	F.S.I.
		University of Carifornia, San Diego (San Diego Supercomputer Center)	Global Scientific Information and Computing Center	2003.1	F.I.
		George Mason University (Center for Social Complexity)	Interdisciplinary Graduate School of Sci. and Eng.	2005.2	F.S.I.
		University of Minnesota (Institute of Technology)	School of Eng.	2005.4	S.
			Imaging Sci. and Eng. Lab.	2006.5	F.S.I.
		Rice University (Electrical and Computer Eng.)	Graduate School of Sci. and Eng. (Dept.of Electronics and Applied Physics)	2008.2	F.S.I.
		Rice University (Smalley Institute)	Graduate School of Sci. and Eng. (Dept.of Condenced Matter Physics)	2008.2	F.S.I.
	France	Ecole d'Architecture de Paris la Villette	School of Eng.	2000.7	S.
	Germany	Paul-Drude-Institut für Festkörperelektronik	Quantum Nanoelectronics Research Center	1994.9	F.I.
			Research Lab. for Nuclear Reactors	1998.2	F.I.
		Forschungszentrum Karlsruhe GmbH	Precision and Intelligence Lab.	2000.7	F.I.
		Ludwig-Maximilian-Universität München (Humanwissenschaftliches Zentrum)	Interdisciplinary Graduate School of Sci. and Eng.	2001.5	F.S.I.
		Universität Kassel	Graduate School of Sci. and Eng.	2006.9	F.S.I.
Europe	Italy	Politecnico di Torino	Interdisciplinary Graduate School of Sci. and Eng.	1999.7	F.S.I.
		Istituto dei Materiali per l'Elettronica ed il Magnetismo, Consiglio Nazionale delle Ricerehr	Graduate School of Sci. and Eng.	2007.7	F.S.I.
	Netherlands	University of Twente (Dept. of Chemical Technology)	Interdisciplinary Graduate School of Sci. and Eng.	1996.6	S.
		Delft University of Technology	School of Eng. / Graduate School of Decision Sci. and Tec.	1998.9	S.

Region	Country	University/Institute	Counterpart	Concluded	Area of Exchange
Europe	Netherlands	Delft University of Technology (Faculty of Architecture)	School of Eng.	2000.8	S.
		Delft University of Technology (Dept. of Bio Mechanical Engineering, Delft Center for Systems and Control)	Graduate School of Sci. and Eng. (Mechanical Sci. and Eng., Mechanical and Control Eng., Mechanical and Aerospace Eng.)	2004.9	S.
	Russia	Russian Scientific Center Kurchatov Institute	Research Lab. for Nuclear Reactors	1992.8	F.I.
		Institute of Physics and Power Engineering	Research Lab. for Nuclear Reactors	1997.12	F.S.I.
		Obninsk Institute of Nuclear Power Engineering	Research Lab. for Nuclear Reactors	1998.1	F.S.I.
		Borekov Institute of Catalysis	Research Lab. for Nuclear Reactors	2007.12	F.S.I.
	Sweden	Linköping University	Graduate School of Information Sci. and Eng.	1997.9	S.
		Gotland University (Dep. of Technology,Art and Media)	Graduate School of Information Sci. and Eng.	2006.7	F.S.
	Slovenia	University of Ljubljana (Faculty of Arts)	International Student Center	2007.3	F.S.I.
	Switzerland	University of Geneva (Dept. Organic Chemistry and Laboratory of Crystallography)	School of Eng. (Chemical Eng. Applied Chemistry course)/ Graduate School of Sci. and Eng. (Applied Chemistry)	2001.10	F.S.I.
	Rumania	Babes-Bolyai University of Cluj-Napoca (Faculty of Physics)	Research Lab. for Nuclear Reactors	2008.1	F.S.I.
	U.K.	Imperial College London (Faculty of Engineering)	School of Eng.	2005.4	S.
		Cranfield University (Dept. of Power, Propulsion and Aerospace Engineering, School of Engineering)	Research Lab. for Nuclear Reactors	2005.11	F.S.I.
		Cranfield University (Power, Propulsion and Aerospace Eng.)	Research Centre for Carbon Recycling and Energy	2006.12	F.S.I.
		University of Cambridge (Dept. of Engineering)	Graduate School of Sci. and Eng.	2005.4	S.
		University of Warwick (School of Engineering)	Graduate School of Sci. and Eng.	2007.10	S.
Oceania	Australia	Royal Melbourne Institute of Technology (School of Architecture and Design, Faculty of Infrastructure and Environment)	School of Eng. (Architecture and Building Eng.)	1999.8	F.S.I.
		Monash University (Faculty of Engineering)	Graduate School of Sci. and Eng.	2006.4	F.S.I.
	New Zealand	Victoria University of Wellington (Faculty of Science)	Graduate School of Sci. and Eng.	2006.4	F.S.I.
Africa	Tanzania	Tanzania Fisheries Research Institute	Graduate School of Bioscience and Biotechnology	2006.4	F.I.
	South Africa	South African Institute for Aquatic Biodiversity	Graduate School of Bioscience and Biotechnology	2005.9	F.S.I.
Other	Asia-Pacific	Asia-Oceania Top University League on Engineering (AOTULE)	Graduate School of Sci. and Eng.	2007.3	F.S.I.

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

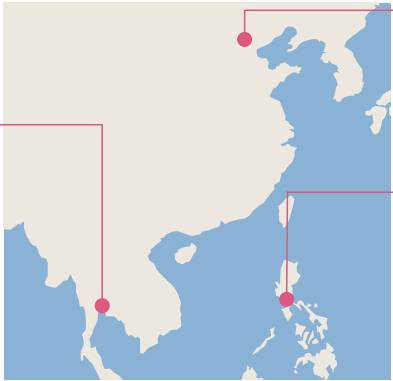
Overseas Offices

Tokyo Tech has university-wide exchange agreements with more than 90 overseas universities and departmental agreements with over 80 universities. To facilitate strategic and collaborative partnerships, we have established three overseas offices in Bangkok, Thailand; Manila, the Philippines; and Beijing, China.

Office in Bangkok, Thailand

E-mail: tokyotech@titech.in.th
<http://www.ttot ipo.titech.ac.jp/>

Founded in the Thailand Science Park in September 2002. Distance education using both the satellite communication network and the Internet is provided. Also joint research is being conducted in cooperation with the National Science and Technology Development Agency of Thailand.



Office in Beijing, China

Founded in October 2006 on the Tsinghua University campus. Tokyo Tech–Tsinghua University Joint Graduate Program leading to a dual degree from the two universities is offered. To promote further exchange programs, the office is developing effective strategies.

Office in Manila, the Philippines

<http://www.ttop ipo.titech.ac.jp/>

Founded in September 2003 and located on the campus of De La Salle University, Manila. The satellite communication and TV conference system via the Internet are available. Reflecting the longstanding friendship between the two countries, various research and education projects are under the way.

CAMPUS MAP

Ookayama Campus



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

Ookayama South Area					
①	South Bldg. 1	12,578㎡	⑧	South Bldg. 9	3,753㎡
②	South Bldg. 2	2,574㎡	⑨	South Lecture Bldg.	187㎡
③	South Bldg. 3	9,544㎡	⑩	South Lab. Bldg. 2	615㎡
④	South Bldg. 5	7,443㎡	⑪	South Lab. Bldg. 4	1,191㎡
⑤	South Bldg. 6	3,605㎡	⑫	Research Laboratory of Ultra-High Speed Electronics	935㎡
⑥	South Bldg. 7	6,890㎡	⑬	Research Center for Low Temperature Physics	474㎡
⑦	South Bldg. 8	9,379㎡	⑭	Laboratory of Low Temperature Physics	204㎡

Ookayama West Area					
1	West Bldg. 1	1,318㎡	8	West Bldg. 9	21,108㎡
	West Bldg. 2	1,795㎡		9	Experiment Waste Liquid Disposal Facility
2	West Bldg. 3	5,237㎡	10	The 70th Anniversary Auditorium	1,301㎡
	West Bldg. 4	3,262㎡		11	Gymnasium
3	West Bldg. 5	1,287㎡	12	Student Hall (Cafeteria)	2,981㎡
4	West Bldg. 6	854㎡		13	Extracurricular Bldg. 1
5	West Bldg. 7	964㎡	14	Extracurricular Bldg. 2	214㎡
6	West Bldg. 8 (W)	9,830㎡		15	Extracurricular Bldg. 3
	West Bldg. 8 (E)	8,000㎡	16	Extracurricular Bldg. 4	1,147㎡

Ookayama East Area					
①	Main Bldg.	26,724㎡	⑥	The Centennial Hall	2,687㎡
②	Administration Bureau Bldg. (1・2)	2,998㎡	⑦	Museum of Evolving Earth	259㎡
③	Administration Bureau Bldg. 3	599㎡	⑧	Office of Industry Liaison(1・2)	787㎡
④	Global Scientific Information and Computing Center (Computing)	3,507㎡	⑨	East Bldg. 1	2,870㎡
⑤	Institute Library	7,490㎡			

Ookayama North Area				
①	North Bldg. 1	3,275㎡	⑧ North Lab. Bldg. 5	200㎡
②	North Bldg. 2	3,330㎡	⑨ North Lab. Bldg. 6	998㎡
③	North Lab. Bldg. 1	1,033㎡	⑩ Van de Graaff Lab.	364㎡
④	North Lab. Bldg. 2A・2B	1,816㎡	⑪ Radioisotope Lab.	504㎡
⑤	North Lab. Bldg. 3A	695㎡	⑫ Health Service Center	452㎡
⑥	North Lab. Bldg. 3B	101㎡	⑬ The 80th Anniversary Hall	704㎡
⑦	North Lab. Bldg. 4	732㎡	⑭ Extracurricular Bldg. 5	121㎡

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

CAMPUS MAP

Suzukakedai Campus



Tamachi Campus



Tokyo Tech Facilities

Location/Area	Facilities	Address and Phone Number
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, Integrated Research Institute, Global Edge Institute, Administration Bureau	2-12-1 Ookayama, Meguro-ku, Tokyo 152-8550 TEL +81-3-3726-1111 (Number Guidance)
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, Administration Office	4259 Nagatsuta-cho, Midori-ku, Yokohama, Kanagawa Prefecture 226-8503 TEL +81-45-922-1111 (Number Guidance)
Tamachi	Tamachi Campus Tokyo Tech High School of Science and Technology	3-3-6 Shibaura, Minato-ku, Tokyo 108-0023 TEL +81-3-3453-2251
Matsukazedai	Shofu Dormitories for male students except International Students (Shofu Gakusha) and International Students (Shofu Dormitory)	21-13, Matsukazedai, Aoba-ku, Yokohama, Kanagawa Prefecture 227-0067 TEL +81-45-981-7115 (Shofu Gakusha), +81-45-983-9521 (Shofu Dormitory)
Umegaoka	Umegaoka Dormitory for International Students	17-2 Umegaoka, Aoba-ku, Yokohama, Kanagawa Prefecture 227-0052 TEL +81-45-971-6473
Kazawa	Kazawa Seminar House	1053-834 Aza-yunomariyama, Oaza-Kanbara, Tsumakoimura, Agatsuma-gun, Gunma Prefecture 377-1524 TEL +81-279-98-0552
Oarai	Oarai Seminar House	257 Onuki-kakuichi, Oarai-machi, Higashiibaraki-gun, Ibaraki Prefecture 311-1311 TEL +81-292-67-5007
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 TEL +81-279-88-7715

HISTORY

Development of the Institute

(As of March 31, 2008)

	School		Graduate School				Land (m ²)	Building (m ²)	Number of Books (Volumes)
	Admission	Number of Graduates	Master's Course		Doctoral Course				
			Admission	Number of Degrees Conferred	Admission	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	840,766
2001	1,068	1,188	1,290	1,497	534	346	534,728	368,935	858,316
2002	1,068	1,243	1,290	1,538	534	291	534,728	396,634	871,089
2003	1,068	1,156	1,291	1,559	535	357	534,728	419,728	886,484
2004	1,068	1,113	1,292	1,642	536	313	566,366	428,653	879,397
2005	1,068	1,175	1,322 (30)	1,633	543	382	566,366	428,492	891,753
2006	1,068	1,188	1,322 (30)	1,671	543	370	566,544	430,079	904,293
2007	1,068	1,161	1,322 (30)	1,677	543	387	566,544	430,171	771,001

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

History

1881 May

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

1890 March

Tokyo Vocational 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, an affiliated high school, to the Institute.

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 March

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 Tech's affiliated high school, the Technical High School, became 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 on the Nagatsuta campus (now called the 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. The Kusatsu-Shirane Volcano Observatory was established.

1989 May

The Gene Research Center was established in Ookayama (later it 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 System.

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.

TOKYO INSTITUTE OF TECHNOLOGY

1998 April

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 System was reorganized into the Research Center for Low Temperature Physics.

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.

October

The Evaluation Office and the International Planning Office were established. 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 Educational Planning Office was established.

September

The Center for Urban Earthquake Engineering* was established. The Office of Industry Liaison 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 affiliated with 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 Art and Crafts Education and Research Support Center. Department of Information Processing and 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.

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HISTORY

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HISTORY

MEMBERS OF THE BOARD, COMMITTEES, AND COUNCIL

The Board

IGA, Kenichi	President
OKURA, Ichiro	Executive Vice President for Planning
MUTA, Hiromitsu	Executive Vice President for Finance
SAITO, Akio	Executive Vice President for Education
IZAWA, Tatsuo	Executive Vice President for Research
NISHIMURA, Yoshio	Auditor
SUZUKI, Motoyuki	Auditor

Management Committee

KUDO, Tomonori	Chairman of the Board, Japan Mutual Aid Association of Public School Teachers Corporate Advisor, Hitachi Maxell Ltd. Professor Emeritus, Ochanomizu University Director, Japan Legal Support Center Founder, Gourmet Navigator Inc. Former Senior Adviser, Nisshin Steel Co.,Ltd. Director and Advisor, Tokyo Tech Alumni Association (Kuramae Kougyoukai)
KUWAHARA, Hiroshi	President, Japan Chemical Innovation Institute
SHINOTSUKA, Eiko	Former President, NHK(Japan Broadcasting Corporation)
TAKI, Hisao	Chairman of the Board, Kanagawa Academy of Science and Technology
TANAKA, Minoru	President
NAKAJIMA, Kunio	Executive Vice President for Planning
HASHIMOTO, Genichi	Executive Vice President for Finance
FUJISHIMA, Akira	Executive Vice President for Education
IGA, Kenichi	Executive Vice President for Research
OKURA, Ichiro	Professor, Interdisciplinary Graduate School of Science and Engineering
MUTA, Hiromitsu	Professor, Graduate School of Information Science and Engineering
SAITO, Akio	Director-General
IZAWA, Tatsuo	
ISHIWARA, Hiroshi	
TAKIGUCHI, Katsuki	
YOSHIKAWA, Akira	

Education and Research Council

IGA, Kenichi	President
OKURA, Ichiro	Executive Vice President for Planning
MUTA, Hiromitsu	Executive Vice President for Finance
SAITO, Akio	Executive Vice President for Education
IZAWA, Tatsuo	Executive Vice President for Research
OKA, Makoto	Dean, Graduate School of Science
OKAZAKI, Ken	Dean, School of Science
HIROSE, Shigehisa	Dean, Graduate School of Engineering
MISHIMA, Yoshinao	Dean, School of Engineering
FURUI, Sadaoki	Dean, Graduate School of Bioscience and Biotechnology
HIDANO, Noboru	Dean, School of Bioscience and Biotechnology
ENKAWA, Takao	Dean, Interdisciplinary Graduate School of Science and Engineering
YOSHIDA, Masasuke	Dean, Graduate School of Information Science and Engineering
KOBAYASHI, Kohroh	Dean, Graduate School of Decision Science and Technology
KONDOU, Ken-ichi	Dean, Graduate School of Innovation Management
ARITOMI, Masanori	Director, Chemical Resources Laboratory
SUZUKI, Keisuke	Director, Precision and Intelligence Laboratory
KUROKAWA, Nobushige	Director, Materials and Structures Laboratory
KONAGAI, Makoto	Director, Research Laboratory for Nuclear Reactors
OKADA, Kiyoshi	Professor, Graduate School of Science
KITAMURA, Naomi	Professor, Graduate School of Science
KITAZUME, Tomoya	Professor, Graduate School of Engineering
HARASHINA, Sachihiko	Professor, Graduate School of Engineering
	Professor, Graduate School of Bioscience and Biotechnology
	Professor, Interdisciplinary Graduate School of Science and Engineering

KOBAYASHI, Takao	Professor, Interdisciplinary Graduate School of Science and Engineering
FUJII, Shuji	Professor, Graduate School of Information Science and Engineering
MASE, Shigeru	Professor, Graduate School of Information Science and Engineering
IJIMA, Junichi	Professor, Graduate School of Decision Science and Technology
NAKAGAWA, Masanori	Professor, Graduate School of Decision Science and Technology
TANABE, Koji	Professor, Graduate School of Innovation Management
TAMAURA, Yutaka	Professor, Research Center for Carbon Recycling and Energy

President Nomination Committee

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Note: Centers marked with * represent new research bases formed as part of the 21st Century COE Program projects.