TOKYO INSTITUTE OF TECHNOLOGY

2006 PROFILE

TOKYO INSTITUTE OF TECHNOLOGY

Center for Public Relations and Coordination
National University Corporation Tokyo Institute of Technology
2-12-1 Ookayama, Meguro-ku, Tokyo, 152-8550, JAPAN
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Leading the World in Science and Technology

Tokyo Tech Logo

The logo 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 a bird of good-luck.

東工大
Tokyo Tech

Tokyo Tech

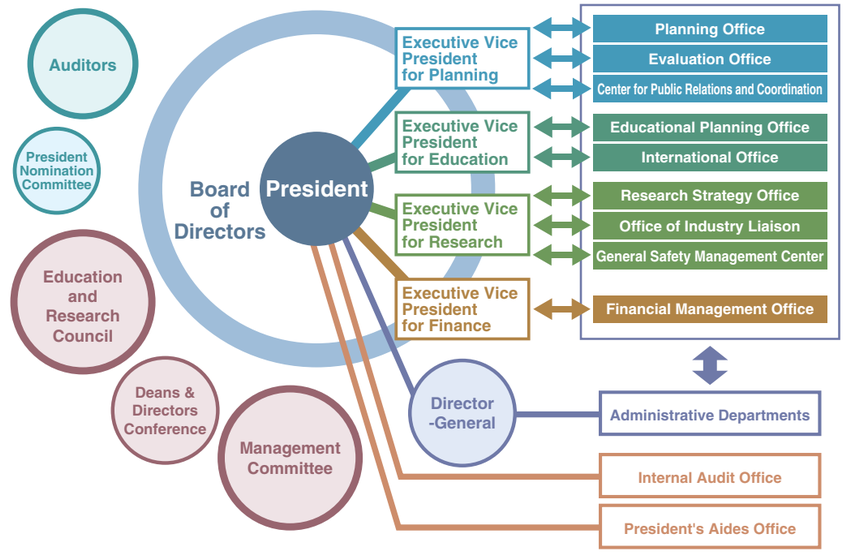
Over the years, Tokyo Institute of Technology or 東京工業大学 (*Tokyo Kogyo Daigaku*) in Japanese had been described in several short names both in English and Japanese. In 2002, the university officially adopted "Tokyo Tech" as the international and "東工大" (*Tokodai*) as the Japanese abbreviation.

School Color

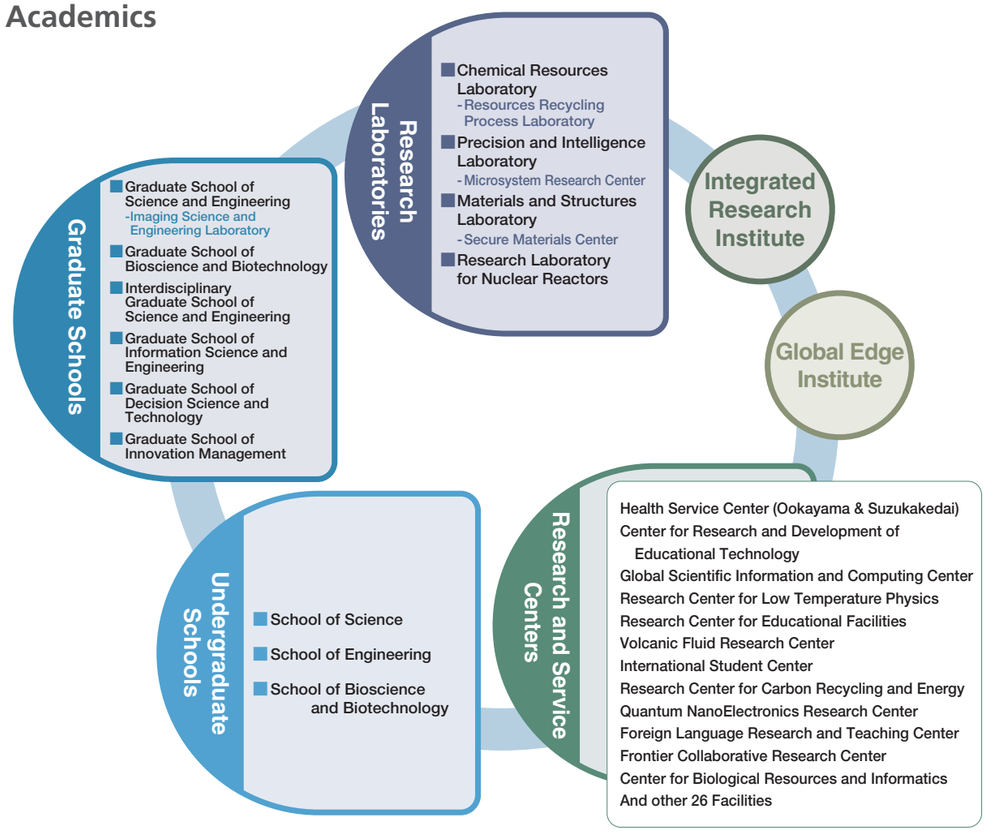
In 2004, Tokyo Tech resolved that its school color would be royal blue, the color that stands for advancement and evolution.

NATIONAL UNIVERSITY CORPORATION TOKYO INSTITUTE OF TECHNOLOGY

Administration



Academics



CONTENTS

GRADUATE COURSES

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

(As of May 1, 2006)

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/kiso/index_e.html

Research Fields

Particle, Nuclear and Astro-Physics, Interdisciplinary Research in Fundamental Physics

Physics (Condensed Matter Physics)
http://www.phys.titech.ac.jp/bussei/index-e.html

Research Fields

Nanometer-scale Quantum Physics, Statistical and Surface Physics, Applied Physics, Atomic, 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/index-e.html

Research Fields

Chemistry of Condensed Matter, Molecular Science, Organic Chemistry, Environmental Chemistry, Global Energy Chemistry*, Volcano Chemistry*

Earth and Planetary Sciences
http://www.geo.titech.ac.jp/index-e.html

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, Synthesis of Soft Materials**

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

Research Fields

Molecular Functions Design, Chemical Reactions Design

Chemical Engineering
http://www.chemeng.titech.ac.jp/index.html

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, Environmentally Assisted Cracking and Management***

Mechanical and Control Engineering
http://www.3mech.titech.ac.jp/index_e.html

Research Fields

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

Mechanical and Aerospace Engineering
http://www.3mech.titech.ac.jp/index_e.html

Research Fields

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

Electrical and Electronic Engineering
http://www.ee.titech.ac.jp/index.php?page=E_Top

Research Fields

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

Physical Electronics
http://web.pe.titech.ac.jp/index.php?page=E_Top

Research Fields

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

Communications and Integrated Systems
http://www.ss.titech.ac.jp/index.html

Research Fields

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

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

Research Fields

Construction Engineering, Environmental Engineering, Infrastructure Planning

Architecture and Building Engineering
http://www.arch.titech.ac.jp/arch/etop.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, Information Techno-City Frontier Systems***

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 School of Bioscience and Biotechnology (5 Departments)

(As of May 1, 2006)

Life Science
http://www.bio.titech.ac.jp/LS-E/

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/BS-E/

Research Fields

Biological Information and Biogenesis, Evolution and Comparative Biology, Cellular and Developmental Biology, Bioinformatics and Gene Research*

Biological Information
http://www.bio.titech.ac.jp/BI-E/

Research Fields

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

Bioengineering
http://www.bio.titech.ac.jp/B-E/

Research Fields

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

Biomolecular Engineering
http://www.bio.titech.ac.jp/BE-E/

Research Fields

Biomaterial Physics, Biomaterial Design, Biofunctional Engineering, Functional Genomics, Pharmacogenomics, Medicinal Biology, Computational Biology/Chemistry*, Bioorganic 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, 2006)

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

Environmental Hydraulics and Hydrology, Environmental Geology and Geophysics, Atmospheric Physics and Turbulence, Environmental Material Cycle Analysis, Urban Land Surface and Environment, Urban Atmospheric Environment, Environmental Planning and Policies

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 Fuctional Devices

Research Fields*

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

Mechano-Micro Engineering
http://www.pms.titech.ac.jp/English/index.html

Research Fields

Functionality Creation, Mechano Quantum Engineering**

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, Neural Information Processing, Brain Science, Production System, Systems Analysis

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, Advanced Wave Application Systems, Bio-Information Systems, Sensory Information Frontiers

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.

GRADUATE COURSES

Graduate School of Information Science and Engineering (3 Departments)

(As of May 1, 2006)

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 of Nonlinear Structure, Statistical Science, Operations Research), Computing Science (Software Analysis, Software Organization, Foundation of Computing Science, Foundation of Software Science)

Computer Science

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

Research Fields

Integrated Information Systems (Software Environments, 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, Inference Systems, Computational Linguistics, Pattern Recognition, Foundation of Computer Science, Information Network)

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 Control Systems, Intelligent Control Systems, Sensing for Mechano-Informatics), Environmental Systems Design (Geographic Information Systems, Intelligent Space Design, Intelligent Infrastructure Systems,Foundations of Mechanical and Environmental Informatics)

Graduate School of Decision Science and Technology (4 Departments)

(As of May 1, 2006)

Human System Science

http://www.hum.titech.ac.jp/eframset.html

Research Fields

Human Resource Development (Cognitive Science, Educational System Design, Human Resource Development for Science and 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, Engineering of Technology, Management Strategy, Human-Production Interaction, Process Evaluation), Managerial and Financial Engineering (Managerial Calculation), Mathematics and Information Systems (Management Mathematical Engineering, Management Information Systems), History, Philosophy and Social Studies of Science and Technology (History and Social Studies of Technology, History and Social Studies of Science, Logic and Methodology of Science and Technology), Engineering and Intellectual Property

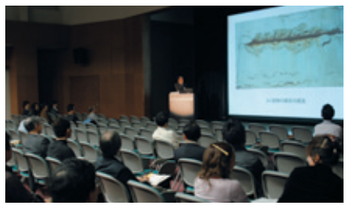
Social Engineering

http://www.soc.titech.ac.jp/index-E.html

Research Fields

National Land and Urban Planning (Urban Planning. National Land and Social System), Public System Design (Public Policy, Mechanism Design, Public Space, Histrical 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, 2006)

Management of Technology****

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

Research Fields

MOT Strategy, Itellectual 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, Itellectual 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, 2006)

Chemical Resources Laboratory

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

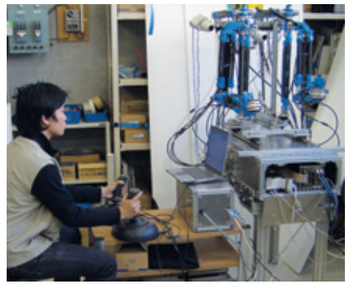
Research Fields

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

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), Biotic Integration Engineering**, Ultra-Fine Mechano-Process**, 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

Materials and Structures Laboratory

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

Research Fields

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

Secure Materials Center

http://www.msl.titech.ac.jp/~secure/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 (Generation of High Density Energy, 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, 2006)

Mathematics

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

Major Study Fields

Introduction to Algebra, Algebra, Geometry, Topology, Advanced Calculus, Real Analysis, Complex Analysis, Set and Topology

Chemistry

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

Major Study Fields

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

Earth and Planetary Sciences

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

Major Study Fields

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

Physics

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

Major Study Fields

Classical Mechanics, Electromagnetism, Applied Mathematics for Physics, Thermodynamics and Statistical Mechanics, Quantum Mechanics, Experiments in Physics, Elementary Particles and High Energy Physics, Solid State Physics

Information Science

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

Major Study Fields

Set and Topology, Applied Nonlinear Analysis, Discrete Mathematics, Probability and Statistics, Mathematical Methods for Operations Research, Algorithms and Data Structures, Automata and Formal Language Theory, Fundamentals of Computer Systems and Architectures

UNDERGRADUATE CORSES

School of Engineering (16 Departments)

(As of May 1, 2006)

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, Physical Properties of Metals, Lattice Defects and Dislocations, Creativity Laboratory in Metallurgy, Ferrous Materials and 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

Introduction to Ceramics, Solid State Chemistry of Ceramics, Ceramic Processing, Fundamental Analysis of Ceramics, Crystal Chemistry, Electronic Properties of Ceramics, Mechanical Properties of Ceramics, Ceramics Laboratory

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

Major Study Fields

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

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

Major Study Fields

Computational Chemistry in Polymer Science, Physical Chemistry, Structures of Polymers, Physical Properties of Polymers, Organic Chemistry, Polymer Chemistry, Physical Chemistry of Biopolymers, Polymer Processing

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

Major Study Fields

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

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

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

Major Study Fields

Thermo-Physics and Energy System, Intelligent Fracture Control, Material Science and Mechanical Processing, Robotics, Vibration and Wave Dynamics, Advanced Fluid Dynamics, Space Systems Engineering, Computer Simulation, Global Environmental Engineering

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

Major Study Fields

Fundamentals of Dynamical Systems, Introduction to Measurement Engineering, Automatic Control, Fluid Power Control Components and Systems, Image and Signal Processing, Introduction to Creative Design, Manufacturing Process Engineering, Robot Dynamics 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, Mathematics 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, Electric Machinery, Control Engineering, Semiconductor Physics, Electronic Devices, Communication Engineering, Algorithms and Programming

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

Major Study Fields

Fundamentals of Computing, Data Structures and Algorithms, Computer Architecture, Operating System, Programming, Electronic Circuits, Communications and Networks, Signal Processing

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

Major Study Fields

Structural Mechanics, Soil Mechanics, Water and Environmental Engineering, Concrete Engineering, Earthquake Engineering, National and Regional Planning, Transportation Engineering, Landscape and Civil Design

Architecture and Building Engineering
http://www.arch.titech.ac.jp/arch/etop.html

Major Study Fields

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

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

Major Study Fields

Introductory City Planning, National and Regional Planning, Fundamental Theories on Space Design, Basic Theory of Economics, Public Economics, Analysis of Social System, Problem Findings in Social Engineering, Problem Structuring and Social Survey

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

Major Study Fields

Introduction of International Development, Exercise on International Development, Colloquium of International Development, Field Work in International Development, Chemical Engineering in International Development, Mechanical Engineering in International Development, Electrical Engineering and Computer Science in International Development, Civil Engineering in International Development

School of Bioscience and Biotechnology (2 Departments)

(As of May 1, 2006)

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

Major Study Fields

Biochemistry, Cell Biology, Science of Biological Information, Developmental Biology, Biophysical Chemistry, Bioorganic Chemistry

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

Major Study Fields

Biofunctional Engineering, Biochemical Engineering, Genetic Engineering, Cellular Engineering, Biomaterial Engineering, Molecular and Cellular Biology

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 the 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 will be 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 a pre-tenure review assessment 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, 2006)

Health Service Centers
http://www.gakumu.titech.ac.jp/gakuseisien/hsc/healthcenterE.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/English/index.html

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.rcltp.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

Providing training courses in the Japanese language, culture and customs to international students, seeking to develop new teaching methods and programs related with technical Japanese in the field of science and engineering, and providing support and services to help their life and study in Japan.

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/qee_root/jp/index.html

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 univesity and conducts basic and applied rsearch on linguistic theories, exploring new methods of teaching foreign languages. Also acts as a medium for cross-cultural development on campus.

Frontier Collaborative Research Center
http://www.fcrc.titech.ac.jp/top_page-e.htm

Main Activities

Promotes industry-university cooperation in advanced research in the fields of materials science, information science and technology, environmental studies, and biotechnology. Also supports researchers and students with possible research for entrepreneurship.

Center for Biological Resources and Informatics
http://www.grc.bio.titech.ac.jp/e.html

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.

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 2,000 worldwide 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.html

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 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, 2006)

	Technical High School				
	Admission	Enrollment			
		1st year	2nd year	3rd year	Total
Department of Science and Technology -present-	200	198 (29)			198 (29)
Applied Chemistry Course			40 (5)		40 (5)
Information System Course			35 (4)		35 (4)
Mechanical System Course			40		40
Electrical and Electronics Course			41		41
Three-Dimensional Formation Course			38 (8)		38 (8)
Mechanical Engineering -former-	—	—	—	39 (1)	39 (1)
Electrical Engineering -former-	—	—	—	25 (3)	25 (3)
Electronics Engineering -former-	—	—	—	43 (4)	43 (4)
Industrial Chemistry -former-	—	—	—	40 (9)	40 (9)
Architecture & Building Engineering -former-	—	—	—	37 (8)	37 (8)
Total	200	198 (29)	194 (17)	184 (25)	576 (71)

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. Japanese women researchers may also be accommodated. It is in a 15-minute walking distance from the Ookayama campus.

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

House	Resident	Type of Accommodation	Number of Rooms	Area (㎡)
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 Women Students and Japanese Women Students/Researchers	2 persons	48	17.76
		Single	6	14.49-17.76
Shofu Gakusha	Japanese Students	Single	144	13


International House


Umegaoka Dormitory


Shofu Dormitory and Shofu Gakusha


Senzokuike International House

STAFF/STUDENT NUMBERS

Number of Staff

(As of May 1, 2006)

		The Board			Research and Teaching Staff									Office and Technical Staff				Total
		President	Executive Vice President	Auditor	Professor	Associate Professor	Lecturer	Assistant Professor	Research Associate	Sub Total	High School Teacher	High School Assistant	Sub Total	Office Staff	Technical Staff	Others	Sub Total	
The Board		1	4	2														7
Graduate School	Science and Engineering (Science)				52	32		59	3	146					2		2	148
	Science and Engineering (Engineering)				106	104		125	1	336					38		38	374
	Bioscience and Biotechnology				22	22	4	38	3	89					8		8	97
	Interdisciplinary Graduate School of Science and Engineering				51	42	9	38	3	143					2		2	145
	Information Science and Engineering				27	26	3	22		78					3		3	81
	Decision Science and Technology				28	25	2	22		77					1		1	78
	Innovation Management				9	3				12								12
Chemical Resources Laboratory					12	10	2	26		50					4		4	54
Precision and Intelligence Laboratory					13	15		21		49					14		14	63
Materials and Structures Laboratory					11	6	4	9		30					3		3	33
Research Laboratory for Nuclear Reactors					10	11		13		34					8		8	42
Research and Service Centers					39	34	6	15	2	96					4	2	6	102
High School of Science and Technology											45	8	53					53
Integrated Research Institute					7	2		1		10								10
Administration Bureau														451	2	6	459	459
Total		1	4	2	387	332	30	389	12	1,150	45	8	53	451	89	8	548	1,758

Project-based/Adjunct Staff

(As of May 1, 2006)

			Professor	Associate Professor	Lecturer	Others	Total	Visiting Professor Ⅰ	Visiting Associate Professor Ⅰ	Total	Visiting Professor Ⅱ	Visiting Associate Professor Ⅱ	Total
Instructors (including professors)	104	→	30	12	1	61	104						
Researchers (including research professors)	167	→	02	01		164	167						
Lecturers	197	→	34	5		4	43	61	41	102	32	20	52
Teaching Associates on Projects	52												
Project-supporting Staff (full-time)	2												
Technical Personnel on Projects	3												
Research Associates on Projects	20												
Project-supporting Staff (part-time)	663												
Total	1,208	Total	66	18	1	229	314	61	41	102	32	20	52

TOKYO INSTITUTE OF TECHNOLOGY

STAFF/STUDENT NUMBERS

Research Staff in 2005

	Researchers from Industrial Firms (Sponsored Research)	Researchers from Industrial Firms (Collaborative Research)	Researchers under the in-service Program of Industrial Education for Primary and Secondary School Teachers	JSPS Postdoctoral Fellows				Total
				PD	DC2	DC1	Total	
Graduate School of Science and Engineering (Science)	1	5		17	12	16	45	51
Graduate School of Science and Engineering (Engineering)	16	44	1	6	11	11	28	89
Graduate School of Bioscience and Biotechnology	1	20			9	7	16	37
Interdisciplinary Graduate School of Science and Engineering	1	16		5	1	3	9	26
Graduate School of Information Science and Engineering				2	1	1	4	4
Graduate School of Decision Science and Technology				1	3	1	5	5
Chemical Resources Laboratory		12		2	3	2	7	19
Precision and Intelligence Laboratory	2	12	1	3	3	4	10	25
Materials and Structures Laboratory	2	9		2	2	4	8	19
Research Laboratory for Nuclear Reactors		8		1	1		2	10
Global Scientific Information and Computing Center		2		1			1	3
Volcanic Fluid Research Center				1			1	1
Research Center for Carbon Recycling and Energy						1	1	1
Quantum Nanoelectronics Research Center				1	1	1	3	3
Frontier Collaborative Research Center		16		2	1	2	5	21
Center for Biological Resources and Informatics				1			1	1
Total	23	144	2	45	48	53	146	315

Note: JSPS stands for the Japan Society for the Promotion of Science.

Visiting Researchers in 2005

Affiliation	
Graduate School of Science and Engineering (Science)	29
Graduate School of Science and Engineering (Engineering)	69
Graduate School of Bioscience and Biotechnology	8
Interdisciplinary Graduate School of Science and Engineering	31
Graduate School of Information Science and Engineering	17
Graduate School of Decision Science and Technology	17
Graduate School of Innovation Management	3
Chemical Resources Laboratory	14
Precision and Intelligence Laboratory	9
Materials and Structures Laboratory	6
Research Laboratory for Nuclear Reactors	11
Center for Research and Development of Educational Technology	3
Global Scientific Information and Computing Center	1
Volcanic Fluid Research Center	1
Quantum Nanoelectronics Research Center	2
Frontier Collaborative Research Center	3
Total	224

	Countries	
Asia	China	62
	Korea	23
	India	13
	Thailand	10
	Bangladesh	6
	Philippines	6
	Vietnam	5
	Indonesia	2
	Japan	2
	Malaysia	2
	Mongolia	2
	Pakistan	1
	Singapore	1
	Sri Lanka	1

	Countries	
North America	U.S.A.	11
	Canada	2
South America	Brazil	3
Europe	Germany	13
	Russia	7
	Spain	6
	U.K.	6
	Denmark	4
	France	4
	Italy	4
	Poland	4
	Bulgaria	3
	Romania	2
	Slovenia	2

	Countries	
Europe	Switzerland	2
	Belgium	1
	Czech	1
	Finland	1
	Greece	1
	Hungary	1
	Netherlands	1
	Portugal	1
	Sweden	1
Middle East	Turkey	2
	Israel	1
	Jordan	1
Africa	Cameroon	2
	Tunisia	1
Total (42 countries)		224

Graduate Students

(As of May 1, 2006)

	Department	Master's Course							Master's Course Total	Doctoral Course								Doctoral Course Total
		Admission	Enrollment							Admission	Enrollment							
			1st year		2nd year		Total				1st year		2nd year		3rd year		Total	
			M	F	M	F	M	F			M	F	M	F	M	F	M	F	
Graduate School of Science and Engineering	Mathematics	22	13(1)	3	22	1	35(1)	4	39(1)	8	3	1	8		5		16	1	17
	Physics (Particle, Nuclear and Astro-Physics)	23	28(1)	2	30	6	58(1)	8	66(1)	8	13(1)		11		8	1	32(1)	1	33(1)
	Physics (Condensed Matter Physics)	35	33(1)	6	36	4	69(1)	10	79(1)	12	9	1	6		7		22	1	23
	Chemistry	35	41(1)	4	38(2)	11	79(3)	15	94(3)	12	6	2	13		17(1)		36(1)	2	38(1)
	Earth and Planetary Sciences	19	18	6	18	3	36	9	45	7	5		5	1	10(1)		20(1)	1	21(1)
	Chemistry and Materials Science	29	29(1)	8	32(2)	11(1)	61(3)	19(1)	80(4)	10	9(2)	1	2		8(1)	1	19(3)	2	21(3)
	Metallurgy and Ceramics Science	36	39	5(2)	40(1)	11(2)	79(1)	16(4)	95(5)	13	12(2)	1	5	2(1)	9(3)		26(5)	3(1)	29(6)
	Organic and Polymeric Materials	46	46(2)	11(1)	49	11(4)	95(2)	22(5)	117(7)	15	9(1)		9(2)	2(1)	24(7)	2(1)	42(10)	4(2)	46(12)
	Applied Chemistry	20	23	5(1)	19	7	42	12(1)	54(1)	7	8		7	1	10(1)		25(1)	1	26(1)
	Chemical Engineering	26	19	5	27	5(3)	46	10(3)	56(3)	9	3(1)		9(2)	2(1)	7(3)	2	19(6)	4(1)	23(7)
	Mechanical Sciences and Engineering	35	44	1	47(5)	2	91(5)	3	94(5)	12	7(1)		11(4)	3(2)	16(9)		34(14)	3(2)	37(16)
	Mechanical and Control Engineering	43	57(6)	1(1)	58(4)	6(1)	115(10)	7(2)	122(12)	15	1		12		15(9)		28(9)		28(9)
	Mechanical and Aerospace Engineering	24	28(1)	6(1)	34(2)		62(3)	6(1)	68(4)	9	4(1)		3		10(5)	1(1)	17(6)	1(1)	18(7)
	Electrical and Electronic Engineering	27	32(4)	1(1)	45(6)	2(1)	77(10)	3(2)	80(12)	10	11(2)	1(1)	10(5)	3(2)	13(2)	1	34(9)	5(3)	39(12)
	Physical Electronics	28	40(2)		43(4)		83(6)		83(6)	9	8(1)	1(1)	20(7)	2(1)	9(1)	2(2)	37(9)	5(4)	42(13)
	Communications and Integrated Systems	27	34(2)	2	48(7)	2(2)	82(9)	4(2)	86(11)	10	5(3)		12(6)		16(9)	1(1)	33(18)	1(1)	34(19)
	Civil Engineering	21	21(2)	4	20(6)	4	41(8)	8	49(8)	8	5(1)		7(3)		9(6)		21(10)		21(10)
	Architecture and Building Engineering	32	34(1)	5	36(4)	27(4)	70(5)	32(4)	102(9)	11	4(1)	1	3(1)	2	14(4)	2(1)	21(6)	5(1)	26(7)
	International Development Engineering	24	13(3)	3(2)	20(5)	4(2)	33(8)	7(4)	40(12)	9	6(3)	2(1)	9(4)	1	12(7)	1(1)	27(14)	4(2)	31(16)
	Nuclear Engineering	16	20(1)	1	33(3)	1	53(4)	2	55(4)	9	8		12(3)	2	25(10)	1	45(13)	3	48(13)
	Total	568	612(29)	79(9)	695(51)	118(20)	1,307(80)	197(29)	1,504(109)	203	136(20)	11(3)	174(37)	21(8)	244(79)	15(7)	554(136)	47(18)	601(154)
Graduate School of Bioscience and Biotechnology	Life Science	21	26(1)	3	24(2)	7(3)	50(3)	10(3)	60(6)	8	5		10(1)	1	6(1)	3(2)	21(2)	4(2)	25(4)
	Biological Sciences	18	23(1)	8	17	10(1)	40(1)	18(1)	58(2)	6	4	1	4	2	15(1)	10(2)	23(1)	13(2)	36(3)
	Biological Information	18	24	8	25(2)	8(1)	49(2)	16(1)	65(3)	6	12(1)	2	10	2	23(2)	5(2)	45(3)	9(2)	54(5)
	Bioengineering	20	25(4)	5	25(1)	9(3)	50(5)	14(3)	64(8)	7	4(1)	1	2	1	3	4(3)	9(1)	6(3)	15(4)
	Biomolecular Engineering	21	22(3)	8(2)	23(2)	11(3)	45(5)	19(5)	64(10)	8	5(1)		6	2(1)	10(3)	6(2)	21(4)	8(3)	29(7)
	Total	98	120(9)	32(2)	114(7)	45(11)	234(16)	77(13)	311(29)	35	30(3)	4	32(1)	8(1)	57(7)	28(11)	119(11)	40(12)	159(23)
Interdisciplinary Graduate School of Science and Engineering	Innovative and Engineered Materials	27	42	4	35(1)	4	77(1)	8	85(1)	22	8	2	8(1)	2(1)	21(2)	2(1)	37(3)	6(2)	43(5)
	Electronic Chemistry	44	47(1)	7	42(2)	13	89(3)	20	109(3)	20	14(1)	1	22(3)	3(2)	16(4)	6(2)	52(8)	10(4)	62(12)
	Materials Science and Engineering	41	46(1)	5	49(1)	4	95(2)	9	104(2)	19	9		12(1)	1	15(2)		36(3)	1	37(3)
	Environmental Science and Technology	31	34	9	43(1)	10(2)	77(1)	19(2)	96(3)	26	2	2	10	2(1)	21(6)	8(3)	33(6)	12(4)	45(10)
	Built Environment	44	33(1)	10(1)	46(5)	17(2)	79(6)	27(3)	106(9)	18	4	1	3(1)	1(1)	15(2)	2(1)	22(3)	4(2)	26(5)
	Energy Sciences	41	39	2	45(1)	4	84(1)	6	90(1)	17	12		6(1)	1	10(1)		28(2)	1	29(2)
	Environmental Chemistry and Engineering	34	33	14	39(2)	14(2)	72(2)	28(2)	100(4)	16	4		4(2)	1(1)	15(7)	1	23(9)	2(1)	25(10)
	Information Processing (former)				2		2		2						15(3)	5(2)	15(3)	5(2)	20(5)
	Electronics and Applied Physics	34	54(2)	5(1)	53(2)	2	107(4)	7(1)	114(5)	23	5	1	12(3)				17(3)	1	18(3)
	Mechano-Micro Engineering (present)	22	30(2)	1	29(2)	1	59(4)	2	61(4)	10	6		12(3)	1	5(2)		23(5)	1	24(5)
	Computational Intelligence and Systems Science	76	56(3)	6(1)	74(3)	9(1)	130(6)	15(2)	145(8)	31	17(3)	4(2)	35(2)	4	44(7)	6(1)	96(12)	14(3)	110(15)
	Advanced Applied Electronics (former)				3		3		3						17(4)		17(4)		17(4)
	Information Processing (present)	39	50(4)	5(1)	50(1)	5(2)	100(5)	10(3)	110(8)	17	12		13(1)	1			25(1)	1	26(1)
	Total	433	464(14)	68(4)	510(21)	83(9)	974(35)	151(13)	1,125(48)	219	93(4)	11(2)	137(18)	17(6)	194(40)	30(10)	424(62)	58(18)	482(80)
Graduate School of Information Science and Engineering	Mathematical and Computing Sciences	28	31(1)	1	36	5(1)	67(1)	6(1)	73(2)	10	6(1)		5		11(1)		22(2)		22(2)
	Computer Science	34	49(5)	1(1)	55(10)	3(1)	104(15)	4(2)	108(17)	12	12(2)	1(1)	11(3)	1	23(9)	2(2)	46(14)	4(3)	50(17)
	Mechanical and Environmental Informatics	36	39(2)	5	36(3)	9(2)	75(5)	14(2)	89(7)	13	6		4(2)	2	11(3)	2(1)	21(5)	4(1)	25(6)
	Total	98	119(8)	7(1)	127(13)	17(4)	246(21)	24(5)	270(26)	35	24(3)	1(1)	20(5)	3	45(13)	4(3)	89(21)	8(4)	97(25)
Graduate School of Decision Science and Technology	Human System Science	24	18(2)	4(1)	23(1)	16(6)	41(3)	20(7)	61(10)	11	3	7	10(1)	7	14(1)	12(2)	27(2)	26(2)	53(4)
	Value and Decision Science	12	10	5	17	8(1)	27	13(1)	40(1)	9	4(1)	1	4(1)		17(4)	3(2)	25(6)	4(2)	29(8)
	Industrial Engineering and Management	31	35(3)	4(1)	49(5)	15(9)	84(8)	19(10)	103(18)	13	9(1)	1	6(2)	3(2)	24(11)	4(3)	39(14)	8(5)	47(19)
	Social Engineering	28	23	8(1)	31(2)	8	54(2)	16(1)	70(3)	11	12	5	3	3(1)	11(2)	5(3)	26(2)	13(4)	39(6)
	Total	95	86(5)	21(3)	120(8)	47(16)	206(13)	68(19)	274(32)	44	28(2)	14	23(4)	13(3)	66(18)	24(10)	117(24)	51(13)	168(37)
Graduate School of Innovation Management	Management of Technology*	30	20	5(1)	30(1)	8(3)	50(1)	13(4)	63(5)										
	Innovation**									7	4	2	18(1)	2(2)			22(1)	4(2)	26(3)
	Total	30	20	5(1)	30(1)	8(3)	50(1)	13(4)	63(5)	7	4	2	18(1)	2(2)			22(1)	4(2)	26(3)
	Grand Total	1,322	1,421(65)	212(20)	1,596(101)	318(63)	3,017(166)	530(83)	3,547(249)	543	315(32)	43(6)	404(66)	64(20)	606(157)	101(41)	1,325(255)	208(67)	1,533(322)

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.

TOKYO INSTITUTE OF TECHNOLOGY

STAFF/STUDENT NUMBERS

Undergraduate Students

(As of May 1, 2006)

	Department	Admission Quota	1st year M	1st year F	2nd year M	2nd year F	3rd year M	3rd year F	4th year M	4th year F	Total M	Total F	Grand Total
School of Science	Mathematics	25			22	2	25(1)	2	45	1	92(1)	5	97(1)
	Physics	54			58(2)	5	52(1)	8	73	5(1)	183(3)	18(1)	201(4)
	Chemistry	37			39(1)	3	37	1	37(1)	6	113(2)	10	123(2)
	Information Science	34			32	3	34	2	51	6(2)	117	11(2)	128(2)
	Earth and Planetary Sciences	35			21		28	3	54	3	103	6	109
	1st year		190(3)	23							190(3)	23	213(3)
	Total	185	190(3)	23	172(3)	13	176(2)	16	260(1)	21(3)	798(9)	73(3)	871(12)
School of Engineering	Metallurgical Engineering	33			34(1)	1	33(1)	3	38		105(2)	4	109(2)
	Organic and Polymeric Materials	20	90(1)	10	20	4(1)	20(1)	4	25	3(1)	65(1)	11(2)	76(3)
	Inorganic Materials	30			27	4	30	2	39	2	96	8	104
	Chemical Engineering	70			61(4)	15(4)	64(2)	13(5)	78(1)	10(2)	203(7)	38(11)	241(18)
	Polymer Chemistry	30	122(5)	20(10)	26	5	28	2(1)	27(1)	6(1)	81(1)	13(2)	94(3)
	Mechanical Engineering and Science	52			58(4)	2	59(2)	2	60(6)	4	177(12)	8	185(12)
	Mechanical and Intelligent Systems Engineering	40			34(1)	2	34	1	51(2)		119(3)	3	122(3)
	Mechano-Aerospace Engineering	40	209(14)	11(3)	43(1)		41(1)	1	48(2)	2	132(4)	3	135(4)
	Control and Systems Engineering	43			46(2)	1	58(3)	1	61(5)		165(10)	2	167(10)
	Industrial and Systems Engineering	36			35(3)	5	40(2)	2(1)	46(1)	7(4)	121(6)	14(5)	135(11)
	Physical Electronics		233(18)	10(2)					2		2		2
	Electrical and Electronic Engineering	82			92(3)	2	92(7)	1(1)	109(9)	3	293(19)	6(1)	299(20)
	Computer Science	102			93(4)	2	107(7)	3	149(8)	10(2)	349(19)	15(2)	364(21)
	Civil and Environmental Engineering	34			30(4)	6	30(3)	6(1)	47(3)	7(2)	107(10)	19(3)	126(13)
	Architecture and Building Engineering	45	105(3)	39(4)	39(2)	12	46(2)	9	45	15(2)	130(4)	36(2)	166(6)
	Social Engineering	36			27	11	33	5	37(1)	7(3)	97(1)	23(3)	120(4)
	International Development Engineering	40			27(10)	8(6)	28(12)	9(7)	61(27)	11(11)	116(49)	28(24)	144(73)
	1st year	＊20	759(41)	90(19)							759(41)	90(19)	849(60)
	Total	733	759(41)	90(19)	692(39)	80(11)	743(43)	64(16)	923(66)	87(28)	3,117(189)	321(74)	3,438(263)
School of Bioscience and Biotechnology	Bioscience	75			55(1)	10	61(1)	15(1)	79(2)	10(3)	195(4)	35(4)	230(8)
	Biotechnology	75			71(2)	15	70(3)	23(6)	85(5)	23(5)	226(10)	61(11)	287(21)
	1st year	＊10	137(2)	38(1)							137(2)	38(1)	175(3)
	Total	150	137(2)	38(1)	126(3)	25	131(4)	38(7)	164(7)	33(8)	558(16)	134(16)	692(32)
Grand Total		1,068	1,086(46)	151(20)	990(45)	118(11)	1,050(49)	118(23)	1,347(74)	141(39)	4,473(214)	528(93)	5,001(307)

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.

Students from abroad

(As of May 1, 2006)

		Undergraduate Course	Master's Course	Doctoral Course	Non-degree Course	Total
Asia	China	188(67)	101(42)	85(22)	33(15)	407(146)
	Korea	28(2)	21(5)	62(12)	11(4)	122(23)
	Vietnam	38(9)	19(4)	8(3)	2(1)	67(17)
	Indonesia	6(1)	22(8)	28(2)	8(2)	64(13)
	Thailand	3 [1]	13(6) [1]	28(6) [1]	5(1)	49(13) [3]
	Malaysia	21(9) [5]	5(3)	6	1(1)	33(13) [5]
	Bangladesh	2	4(1)	17(4)	1	24(5)
	Philippines		4(4)	7(3)	2	13(7)
	Taiwan	2	4(1)	3(2)	3	12(3)
	India	3	1(1)	2	1	7(1)
	Pakistan			5(1)	2	7(1)
	Cambodia		4	2		6
	Mongolia	2(1)		3(2)	1(1)	6(4)
	Sri Lanka	2	2	2		6
	Myanmar	1(1)	1	2(1)	1(1)	5(3)
	Nepal		2	1	1	4
	Kazakhstan		1(1)	1	1(1)	3(2)
	Laos		1	1		2
	China (Hong Kong)	1				1
Middle East	Iran	2	4(2)	9(4)	4(1)	19(7)
	Turkey		2	2		4
	Israel			1(1)	1	2(1)
Oceania	Australia		1		4(2)	5(2)
	Fiji Islands				1	1
	Papua New Guinea		1			1
Africa	Egypt		1	4		5
	Tunisia			3(2)		3(2)
	Kenya	1(1)	1			2(1)
	Tanzania	1(1)			1	2(1)
	Algeria			1		1
	Senegal	1				1
Europe	France		7	7	3	17
	Germany		2(1)	1	8(2)	11(3)
Europe	Spain		1	5	2(1)	8(1)
	Sweden		1		6(1)	7(1)
	Finland				4(2)	4(2)
	U.K.		3(1)	1		4(1)
	Iceland		1	1	1(1)	3(1)
	Italy			3		3
	Bosnia-Herzegovina			1	1	2
	Bulgaria		1(1)		1	2(1)
	Poland		1(1)	1(1)		2(2)
	Portugal		1	1		2
	Romania	1(1)		1		2(1)
	Russia		1	1		2
	Switzerland			1	1	2
	Hungary	1				1
	Ireland			1		1
	Lithuania			1(1)		1(1)
	Netherlands				1	1
	Norway				1	1
North America	U.S.A.		1	1	2(1)	4(1)
	Canada			2	1	3
Central and South America	Brazil	2	6	3	2	13
	Ecuador		3			3
	Argentina			2		2
	Colombia		2			2
	Peru		1	1		2
	Venezuela		1(1)	1		2(1)
	Cuba			1		1
	Guatemala			1		1
	Honduras		1			1
	Mexico			1		1
	Panama	1				1
Total		307(93) [6]	249(83) [1]	322(67) [1]	118(38)	996(281) [8]

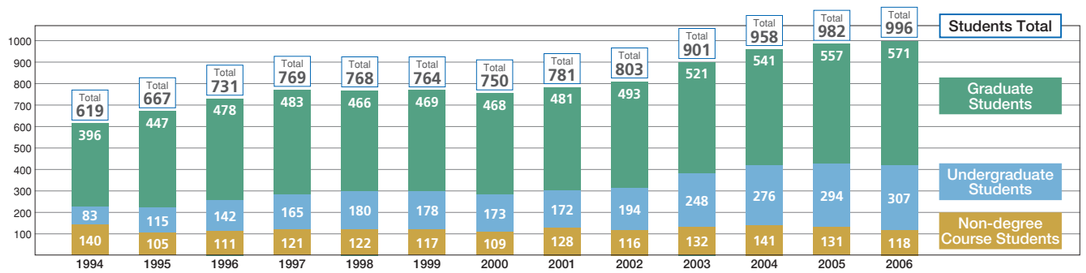
Note: 1. Figures given in parentheses represent the number of female students.
2. Figures given in square brackets represent the number of students sent by their governments.
3. Non-degree Course Students include research students, auditors, and the Japanese-language intensive course students.

Research Students

(As of May 1, 2006)

	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	Other Research Centers	Total
Japanese Students	7	13	5	3	6	2	0	6	1	1	3	47
Students from aboroad	2	23	6	6	9	9	2	1	4	1	8	71
Total	9	36	11	9	15	11	2	7	5	2	11	118

Recent Trends in the Number of Students from Abroad



TOKYO INSTITUTE OF TECHNOLOGY

ENROLLMENT AND GRADUATION

ENROLLMENT

Enrollment in Graduate Courses for FY 2006

	Master's Course							Doctoral Course						
	Graduate School of Science and Engineering	Graduate School of Bioscience and Biotechnology	Interdisciplinary Graduate School of Science and Engineering	Graduate School of Information Science and Engineering	Graduate School of Decision Science and Technology	Graduate School of Innovation Management	Total	Graduate School of Science and Engineering	Graduate School of Bioscience and Biotechnology	Interdisciplinary Graduate School of Science and Engineering	Graduate School of Information Science and Engineering	Graduate School of Decision Science and Technology	Graduate School of Innovation Management	Total
Applicantion	1,154	230	1,034	166	188	51	2,823	151	34	109	26	49	7	376
Admission	568	98	433	98	95	30*	1,322	203	35	219	35	44	7	543
Enrollment	691 (34)	152 (5)	532 (15)	126 (11)	107 (13)	25 (6)	1,633 (84)	147 (42)	34 (4)	104 (33)	25 (4)	42 (9)	6 (4)	358 (96)

Note: 1. Figures given in parentheses represent the number of the 2005 fall enrollment.
2. Figure marked with * represent the number of students in Professional Master's Course.

Enrollment in International Graduate Course (starting in October)

	1999			2000			2001			2002			2003			2004			2005			1993-2005		
	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	12	7	19	14	14	28	9	11	20	14	13	27	21	18	39	16	18	34	13	22	35	190	194	384
Graduate School of Bioscience and Biotechnology	2	3	5	1	5	6	7	3	10	5	4	9	0	3	3	3	1	4	4	1	5	46	47	93
Interdisciplinary Graduate School of Science and Engineering	6	8	14	6	11	17	5	9	14	7	6	13	8	3	11	4	5	9	6	6	12	68	82	150
Graduate School of Informaion Science and Engineering	2	2	4	2	2	4	1	1	2	2	2	4	4	2	6	4	3	7	5	1	6	38	19	57
Graduate School of Decision Science and Technology	3	2	5	0	1	1	5	1	6	4	1	5	4	1	5	1	2	3	1	0	1	26	13	39
Total	25	22	47	23	33	56	27	25	52	32	26	58	37	27	64	28	29	57	29	30	59	368	355	723

Enrollment in Undergraduate Courses for FY 2006

	Science	Engineering	Bioscience & Biotechnology	Total
Application	1,049	4,222	644	5,915
Admission	185	733	150	1,068
Enrollment	195	808	163	1,166

GRADUATION

Number of Doctoral Degrees Conferred

(As of March 31, 2006)

		Graduate Courses Ph.D.				Dissertation Ph.D.			
		Doctor of Science	Doctor of Engineering	Doctor of Philosophy	Subtotal	Doctor of Science	Doctor of Engineering	Doctor of Philosophy	Subtotal
Graduate School of Science and Engineering	2005	36	107	9	152	3	23	0	26
	Total number since the establishment	1,003	2,640	109	3,752	393	2,372	21	2,786
Graduate School of Bioscience and Biotechnology	2005	25	22	0	47	0	6	0	6
	Total number since the establishment	271	281	3	555	35	45	0	80
Interdisciplinary Graduate School of Science and Engineering	2005	26	102	6	134	4	11	1	16
	Total number since the establishment	392	1,436	42	1,870	136	775	11	922
Graduate School of Information Science and Engineering	2005	8	11	2	21	0	3	0	3
	Total number since the establishment	47	131	38	216	10	36	2	48
Graduate School of Decision Science and Technology	2005	0	12	16	28	0	1	0	1
	Total number since the establishment	5	90	102	197	1	12	13	26
Total		1,718	4,578	294	6,590	575	3,240	47	3,862

Students after Graduation for the Class of 2006

Bachelor's Degrees

	Number of Graduates	Further Study	Manufacturers	Non-Manufacturers	Education	Government or Public Agencies	Others
School of Science	195	168	2	13	0	0	12
School of Engineering	802	693	24	43	2	1	39
School of Bioscience & Biotechnology	178	158	0	15	1	0	4
Total	1,175	1,019	26	71	3	1	55

Master's Degrees

	Number of Graduates	Further Study	Manufacturers	Non-Manufacturers	Education	Government or Public Agencies	Others
Graduate School of Science & Engineering	704	118	359	196	0	10	21
Graduate School of Bioscience & Biotechnology	127	23	75	24	0	3	2
Interdisciplinary Graduate School of Science & Engineering	549	66	325	132	2	6	18
Graduate School of Information Science & Engineering	128	15	44	61	0	1	7
Graduate School of Decision Science & Technology	123	14	29	66	2	4	8
Graduate School of Innovation Management*	2	0	1	1	0	0	0
Total	1,633	236	833	480	4	24	56

Doctoral Degrees

	Number of Graduates	Manufacturers	Non- Manufacturers	Education	Government or Public Agencies	Others
Graduate School of Science & Engineering	152	37	28	21	0	66
Graduate School of Bioscience & Biotechnology	47	10	6	1	2	28
Interdisciplinary Graduate School of Science & Engineering	134	36	21	13	1	63
Graduate School of Information Science & Engineering	21	3	4	2	0	12
Graduate School of Decision Science & Technology	28	1	6	7	0	14
Total	382	87	65	44	3	183

ENROLLMENT AND GRADUATION

TOKYO INSTITUTE OF TECHNOLOGY

NEW FEATURES OF RESEARCH PROGRAMS

The 21st Century COE Programs at Tokyo Institute of Technology

http://www.rso.titech.ac.jp/coe21/english-list.htm

The 21st Century COE Program was implemented by MEXT aiming to establish centers of excellence for research and education with funding. The following 12 programs of Tokyo Tech were selected.

2002～

Frontier System of Bioengineering

http://www.bio.titech.ac.jp/coe21/eng/message.html
Field of Study: Life Science
Graduate Courses/ Research Centers: Graduate School of Bioscience and Biotechnology
Departments/ Centers: Biological Information/ Biomolecular Engineering/ Bioengineering/ Life Science/ Biological Sciences
Program Leader (Number of Members): Prof. HANDA, Hiroshi (17)

The Amount of Subsidy for FY2006: 171,600,000 JPY

Creation of Molecular Diversity and Development of Functionalities

http://www.coechem6.titech.ac.jp/indexe.htm
Field of Study: Chemistry,Material Sciences
Graduate Courses/ Research Centers: Interdisciplinary Graduate School of Science and Engineering/ Graduate School of Science and Engineering
Departments/ Centers: Electronic Chemistry/ Environmental Chemistry and Engineering/ Chemistry/ Chemistry and Materials Science/ Applied Chemistry/ Chemical Engineering
Program Leader (Number of Members): Prof. YAMAMOTO, Takakazu (20)

The Amount of Subsidy for FY2006: 128,700,000 JPY

Nanomaterial Frontier Cultivation for Industrial Collaboration

http://www.coe21.msl.titech.ac.jp/english/index.html
Field of Study: Chemistry, Material Sciences
Graduate Courses/ Research Centers: Interdisciplinary Graduate School of Science and Engineering/ Graduate School of Science and Engineering
Departments/ Centers: Innovative and Engineered Materials/ Materials Science and Engineering/ Metallurgy and Ceramics Science/ Organic and Polymeric Materials
Program Leader (Number of Members): Prof. HOSONO, Hideo (20)

The Amount of Subsidy for FY2006: 129,800,000 JPY

Photonics Nanodevice Integration Engineering

http://www.coe21-pni.titech.ac.jp/eng/
Field of Study: Information Sciences, Electrical and Electronic Engineering
Graduate Courses/ Research Centers: Graduate School of Science and Engineering / Interdisciplinary Graduate School of Science and Engineering
Departments/ Centers: Electrical and Electronic Engineering/ Physical Electronics/ Communications and Integrated Systems/ Information Processing/ Electronics and Applied Physics
Program Leader (Number of Members): Prof. ARAI, Shigehisa (20)

The Amount of Subsidy for FY2006: 161,700,000 JPY

2003～

Nanometer-Scale Quantum Physics

http://www.phys.titech.ac.jp/coe21/e-index.html
Field of Study: Mathematics, Physics, Earth Science
Graduate Courses/ Research Centers: Graduate School of Science and Engineering
Departments/ Centers: Physics（Condensed Matter Physics)/ Physics (Particle-, Nuclear-, and Astro-Physics)
Program Leader (Number of Members): Prof. ANDO, Tsuneya (20)

The Amount of Subsidy for FY2006: 128,150,000 JPY

Innovation of Creative Engineering through the Development of Advanced Robotics

http://www-coe21.sms.titech.ac.jp/English/index.html
Field of Study: Mechanical, Civil, Construction, and Other Engineering
Graduate Courses/ Research Centers: Graduate School of Science and Engineering/ Interdisciplinary Graduate School of Science and Engineering/ Graduate School of Information Science and Engineering
Departments/ Centers: Mechanical and Aerospace Engineering/ Mechanical Science and Engineering/ Mechanical and Control Engineering/ Mechano-Micro Engineering/ Mechanical and Environmental Informatics
Program Leader (Number of Members): Prof. HIROSE, Shigeo (20)

The Amount of Subsidy for FY2006: 161,810,000 JPY

Evolution of Urban Earthquake Engineering

http://www.cuee.titech.ac.jp/English/index.html
Field of Study: Mechanical, Civil, Construction, and Other Engineering
Graduate Courses/ Research Centers: Interdisciplinary Graduate School of Science and Engineering/ Graduate School of Science and Engineering/ Graduate School of Information Science and Engineering
Departments/ Centers: Built Environment/ Environmental Science and Technology/ Civil Engineering/ Architecture and Building Engineering/ International Development Engineering/ Mechanical and Environmental Informatics
Program Leader (Number of Members): Prof. OHMACHI, Tatsuo (19)

The Amount of Subsidy for FY2006: 242,000,000 JPY

Innovative Nuclear Energy Systems for Sustainable Development of the World

http://www.nr.titech.ac.jp/coe21/eng/index.html
Field of Study: Mechanical, Civil, Construction, and Other Engineering
Graduate Courses/ Research Centers: Graduate School of Science and Engineering/ Interdisciplinary Graduate School of Science and Engineering
Departments/ Centers: Nuclear Engineering/ Energy Science
Program Leader (Number of Members): Prof. SEKIMOTO, Hiroshi (20)

The Amount of Subsidy for FY2006: 159,060,000 JPY

Framework for Systematization and Application of Large-scale Knowledge Resources

http://www.coe21-lkr.titech.ac.jp/english/index.html
Field of Study: Interdisciplinary, Combined Fields, New Disciplines
Graduate Courses/ Research Centers: Graduate School of Information Science and Engineering/ Graduate School of Decision Science and Technology/ Research Center (joint-use facilities)
Departments/ Centers: Computer Science/ Human System Science/ Value and Decision Science/ Global Scientific Information and Computing Center
Program Leader (Number of Members): Prof. FURUI, Sadaoki (20)

The Amount of Subsidy for FY2006: 200,530,000 JPY

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 FY2006 : 77,000,000 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 FY2006 : 75,000,000 JPY

How to build habitable planets?

http://coe21.geo.titech.ac.jp/ENG/NEWS/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 Collaborative 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 FY2006 : 86,000,000 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	1,721,350,000 JPY	(134,850,000 JPY)
Total amount of funding	7,572,550,000 JPY	(194,250,000 JPY)

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

Endowed Chairs by Private Companies

NTT Communications Corporation Endowed Chair in Information Techno-city Frontier Systems

Affiliation: Graduate School of Science and Engineering

In order to contribute to spreading IC Smart Card that attracts attention as an infrastructure of IT society, research or proposal and evaluation of interoperable system for smart cards and on application systems with smart cards and IT security is carried out.

The Tokyo Electric Power Company Inc. Endowed Chair in Environmentally Assisted Cracking and Management

Affiliation: Graduate School of Science and Engineering

Integrated research of mechanical and corrosion sciences is carried out to solve environmentally assisted cracking (EAC) problems of structural materials in power generation facilities, establishing theoretical and technical bases for the total management system.

NEW FEATURES OF RESEARCH PROGRAMS

TOKYO INSTITUTE OF TECHNOLOGY

Innovative Research Initiatives (35 Projects)

(As of May 1, 2006)

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
Information Technology	Development of Ultra-high-performance and Low-power Nano-device Integrated Circuit Technologies for Info-communications	Frontier Collaborative 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
	Autonomous Decentralized Community Computing Systems	Graduate School of Innovation Management	Prof. MORI, Kinji
	Human reality for broadband / ubiquitous society	Graduate School of Information Science and Engineering	Prof. SATO, Makoto
	Next-Generation Multi-Dimensional and Advanced TV Conference-based Education System	Global Scientific Information and Computing Center	Prof. MAKOSHI, Nobuyasu
	Ultra-Parallel Nano-Opto-Electronics	Precision and Intelligence Laboratory	Prof. KOBAYASHI, Kohroh
	Intelligent CAD/CAE for Next Generation	Graduate School of Science and Engineering	Prof. HAGIWARA, Ichiro
Environment	CO_2 Mitigation Technologies Combined with Highly Efficient Fossil-fuel Utilization and Sequestration	Research Center for Carbon Recycling and Energy	Prof. TAMAURA, Yutaka
	Numerical Modeling of the Estuarine Currents for Environmental Impact Analysis	Interdisciplinary Graduate School of Science and Engineering	Prof. ISHIKAWA, Tadaharu
	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	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	Prof. YOSHIMURA, Masahiro
	Electronics Soft Materials	Graduate School of Science and Engineering	Prof. KAKIMOTO, Masa-aki
	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 Appication 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 Energy System Project	Research Laboratory for Nuclear Reactors	Prof. KATO, Yasuyoshi
	Advanced Fuel Cell Technology	Interdisciplinary Graduate School of Science and Engineering	Prof. YAMAZAKI, Yohtaro
	Research and Development of Lead-bismuth Eutectic Coolant Utilization	Research Laboratory for Nuclear Reactors	Prof. SEKIMOTO, Hiroshi
	Innovative Hydrogen Production	Chemical Resources Laboratory	Prof. HARA, Michikazu
	Innovative Photovoltaic Power Generating System	Graduate School of Science and Engineering	Prof. KONAGAI, Makoto
	Multidisciplinary Research for Engineering Ceramics through the Control of Discontinuity	Materials and Structures Laboratory	Prof. YASUDA, Eiichi
Manufacturing Technology	Innovation Incubator based on Tribology	Graduate School of Science and Engineering	Prof. NAKAHARA, Tsunamitsu
	Research and Development of Plasma Processing under Atmospheric Pressure	Graduate School of Science and Engineering	Prof. NAGATA, Kazuhiro
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, 2006)

Company	Representative	Summary of Business	Term Number	Conferred on:
Nippon CAD Co., Ltd. http://www.ncad.co.jp/	YOKOYAMA, Yoshio	Manufacture, costruction 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/english/top.html	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://newtech.iri-tokyo.gr.jp/	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/	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/company/profile_en.php	TAKAHARA, Yoshiro	Development and sales of computer software.	3	1998.8.14
Fu's Lab Co., Ltd. http://www.whoselab.com/	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. http://www.ecomeet.co.jp/index_E.htm	SHIRAISHI, 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/html/english/index.html	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/	ASAHINA, Fuyuo	R&D, manufacture and sales of fingerprint authentication products.	1	2001.11.30
Optical Comb Institute, Inc. http://www.optocomb.com/eng/	ASAEDA, Tsuyoshi	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/	KANO, Shingo	Drug Discovery & Chemical Genomics	1	2002.4.10
ai-Phase Co., Ltd. http://www.ai-phase.co.jp/english.html	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/	FUJITA, Yuji	Development of information security instruments, and providing information security related services.	3	2001.12.20
Thin-Film Process Soft, Inc. http://www.hiraspa.com	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/	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	Conceptual design of machines with novel functions and development of related hardware/software. Design and development of robots for hazardous operations. Development of machatronics components.	2 3	2004.4.15
Tokyo Geotech Co, Ltd.	OHNO, Shintaro	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/indexE.html	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
Solar Hytech, Inc.	TAKAMATSU, Tadahiko	Development and sales of hydrogen and liquid fuel production equipment utilizing collected solar energy.	1 2	2003.11.7
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.	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	2004.4.10
Chimeraworks http://chimeraworks.jp/	KURODA, Masuki	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

TOKYO INSTITUTE OF TECHNOLOGY

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

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

(FY2005)

Programs	Number of programs	
Core University Program	2	(2)
AA Science Platform Program	1	
Bilateral Programs (Joint Research and/or Joint Scientific Seminars)	11	(4)
Inter-Research Centers Cooperative Program	1	(1)
JAPAN-FRANCE Integrated Action Program <SAKURA>	1	(1)
JSPS International Scientific Meetings	1	
Japan-India Scientific Cooperative Program	1	
RONPAKU (Dissertation Ph.D.) Program	5	(5)
Program for Sending Researchers to Specified Countries	1	
Travel Grant for Academic Meetings	3	
Postdoctoral Fellowship for Research Abroad	4	(3)
Invitation Fellowship Program for Research in Japan (Short-term)	7	
Invitation Fellowship Program for Research in Japan (Long-term)	2	
Invitation Fellowship Program for Research in Japan (nominated by Counterpart Institution)	11	(1)
Postdoctoral Fellowship Program for Foreign Researchers (Standard)	72	(38)
Postdoctoral Fellowship Program (Short-term)-Quotas for North American and European Researchers	7	(2)
JSPS Summer Program	2	
JSPS Award for Eminent Scientists	1	

Note: Figures given in parentheses represent the number of ongoing programs which have started in or before 2004.

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

(FY2005)

Name	Affiliation	Project Title	Period
NISHIZAKI, Shinya	Graduate School of Information Science and Engineering	Philippine IT Human Resource Development Project (Support Committee)	Jul.8-13
KAWASAKI, Junjiro	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jul.31-Aug.7
MUTA, Hiromitsu	Graduate School of Decision Science and Technology	The National Implementation Program for District Education Plans in Malawi	Aug.3-13
OHMACHI, Tatsuo	Interdisciplinary Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Aug.2-6
AIDA, Takashi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Aug.7-13
KAWASAKI, Junjiro	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Aug.29-Sep.3
HINODE, Hirofumi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Aug.29-Sep.3
TANIGUCHI, Izumi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Aug.29-Sep.3
SUZUKI, Masaaki	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Aug.29-Sep.2
SEKIGUCHI, Hidetoshi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Aug.29-Sep.2
KOSUGE, Hitoshi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Aug.30-Sep.8
KURABAYASHI, Daisuke	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Sep.6-Sep.10
YAMANAKA, Hiroaki	Interdisciplinary Graduate School of Science and Engineering	The Project on the reduction of Seismic risk for buildings and structures	Sep.12-Sep.30
FUJII, Nobuo	Graduate School of Science and Engineering	Integrated Approach for Linking Higher Education Institutions with Industry and Community	Sep.25-Oct.4
KOBAYASHI, Daisuke	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Oct.2-Oct.5
ARAKI, Kiyomichi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.13-Nov.16
ODA, Shunri	Quantum Nano-electronics Reserch Center	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.12-Nov.16
YAI, Tetsuo	Interdisciplinary Graduate School of Science and Engineering	National Transport Plan Study in the Islamic Republic of Pakistan	Nov.19-Nov.25
KUBOUCHI, Masatoshi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.21-Nov.26
KAWASAKI, Junjiro	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.27-Dec.3
HINODE, Hirofumi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.27-Dec.4
MUTA, Hiromitsu	Graduate School of Decision Science and Technology	The Basic Education Improvement Program for Rural Area	Nov.27-Dec.4
EGASHIRA, Ryuichi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.29-Dec.3
IKEDA, Syunsuke	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.29-Dec.3
SUZUKI, Masaaki	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.29-Dec.3
AIDA, Takashi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.29-Dec.4
HOUJOH, Haruo	Precision and Intelligence Laboratory	Project Consultation Team for Southeast Asia Engineering Education Network	Feb.22-Feb.26
INOUE, Masaya	Tokyo Tech High School of Science and Technology	Development and Training Center Project	Feb.23-Mar.24
ODA, Shunri	Quantum Nano-electronics Reserch Center	Project Consultation Team for Southeast Asia Engineering Education Network	Mar.2-Mar.8
YAMAKITA, Masaki	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Mar.15-Mar.18
ARAKI, Kiyomichi	Graduate School of Science and Engineering	FU Project for the University of Science and Technology of Oran	Mar.19-Mar.27

NEW FEATURES OF RESEARCH PROGRAMS

TOKYO INSTITUTE OF TECHNOLOGY

NEW FEATURES OF EDUCATION PROGRAMS

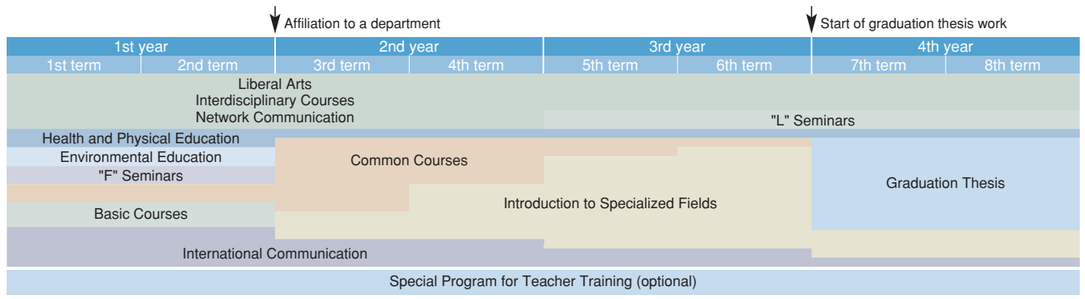
2005 Creativity Education and the Accredited Subjects

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 ●.

- ● Experiments in Physics Ⅱ
- ● Introduction to Creative Design
  Essentials of Modern Electrical and Electronic Engineering
  Chemistry Laboratory Ⅱ
  Advznced Chemistry Laboratory Ⅰ
- ● Advznced Chemistry Laboratory Ⅲ
  Exercise in Advznced Chemistry Ⅲ
  Field Excursion
- ● Creativity Laboratory in Metallurgy
- ● Ceramics Laboratory Ⅰ
- ● Chemical Engineering Laboratory
  Applied Chemistry Laboratory
  Experiments on Fundamentals of Information Systems
  OR and Modeling Processes
- ● Machine Creation
- ● Mechanical Engineering Design Projects
- ● Mechatronics Laboratory
- ● Creative Experiments on Electronic Engineering
  Computer Science Summer Project
  Landscape Design
- ● Exercise on civil and enviroumental planning
- ● Infrastructure Planning and Design
- ● Laboratory works in structural mechanics
  Architectural Deesign and Drawing Ⅱ
  Problem Findings in Social Engineering
- ● Mechanical Engineering Literacy
- ● Creative Design for Bioscience and Biotechnology
  Colloquium in Organic Materials Engineering Ⅰ, Ⅱ
  Research Project
- ● Creative Project for Mechanical and Intelligent Systems
- ● Creative Design of Control Systems
  Laboratory works in geotechnical engineering
  Laboratory works in concrete materiais and structures
  Laboratory works in hydraulics
- ● Architectural Deesign and Drawing Ⅲ
- ● Column Land
- ● Group Research in Sociology
  Column Land 2
  Summer School in China Ⅰ
  Summer School in China Ⅱ
  Topics on Japan Ⅱ
- ● COE Chemistry Program: Special Colloquium 1
- ● COE Chemistry Program: Special Colloquium 2
- ● COE Chemistry Program: Special Colloquium 3
  COE Chemistry Program: Special Colloquium 4
- ● Advanced Space Systems Engineering
  COE-INES Nuclear Energy Exercise Ⅰ, Ⅱ
  Practice in Nuclear Instrument Design
  Experiments in Nuclear Engineering
- ● Built Environmental Laboratory Ⅰ
- ● Mechano-Informatics Project
- ● Transdisciplinary Collaboration Practice

Program of Undergraduate Study



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	
		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
	Overseas Cooperation Course※1	9	8	2	2	4	4	6	6	6	6
	Research on Living Spaces Course※1	8	4	4	3	3	3	5	4	13	13
	Sub Total	35	18	14	13	23	17	40	33	46	42
With two universities participating	Scientific Technology and Intellectual Property Course※2	7	7	10	9	15	14	8	8	16	15
	Technology and Management Course※2	16	5	11	4	14	7	15	5	31	6
	Bunri Sougou Course※2	10	9	9	9	27	26	16	15	40	37
	Medical Engineering Course※3	19	6	8	4	14	11	30	26	33	31
	International Technical Writing Course※4	7	6	10	10	15	15	14	14	16	12
	The Economics of Medical and Health Care Course※4										
	Subtotal	59	33	48	36	85	73	83	68	136	101
	Total	94	51	62	49	108	90	123	101	182	143

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.

Joint Graduate Course Program between Tokyo Tech and Tsinghua University

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.

	Academic year 2005				Academic year 2006 (as of May 2006)			
	Tokyo Tech		Tsinghua University		Tokyo Tech		Tsinghua University	
	Admission	Enrollment	Admission	Enrollment	Admission	Enrollment	Admission	Enrollment
Nanotechnology course	5	1	5	5	5	1	5	6
Bioscience and Bioengineering course	5	2	5	6	5	4	5	5
Decision science and technology course	0	0	0	0	2	2	2	1
Total	10	3	10	11	12	7	12	12

NEW FEATURES OF EDUCATION PROGRAMS

TOKYO INSTITUTE OF TECHNOLOGY

INTERNATIONAL COLLABORATION

Academic Cooperation Agreements (University-wide Agreements)

(As of May 1, 2006)

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.
	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.
	Mongolia	Mongolian University of Science and Technology	2003. 6	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.
	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.
		National Chiao Tung University	2004.11	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.
South America	Brazil	Universidade de Sao Paulo	1991. 5	F.S.I.
		Instituto Tecnologico de Aeronautica	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.
	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 Chaussees	1992. 9	F.S.I.
		Ecole Nationale Superieure 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.
	Germany	Technische Universitat Munchen	1982. 7	F.S.I.
		Universitat Stuttgart	1992. 4	F.S.I.
		Johannes Gutenberg University	2001. 8	F.S.I.
		University of Hannover	2004. 2	F.S.I.
	Italy	University of Bologna (Universita Degli Studi di Bologna)	1997. 3	F.S.I.
		University of Rome "La Sapienza"	1998. 9	F.S.I.
		Politecnico Di Milano	2002. 5	F.S.I.
	Norway	Norwegian University of Science & 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.
	Switzerland	Eidgenossische Technische Hochschule Zurich	1978. 9	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.
		Cambridge University, Churchill College	2001. 3	F.I.
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.

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

INTERNATIONAL COLLABORATION

TOKYO INSTITUTE OF TECHNOLOGY

INTERNATIONAL COLLABORATION

Academic Cooperation Agreements (School-to-School Agreements)

(As of May 1, 2006)

Region	Country	University/Institute	Concluded	Counterpart	Area of Exchange
Asia	China	University of Science and Technology, Beijing	1980. 8	School of Eng. / Interdisciplinary Graduate School of Sci. and Eng.	F . I .
		Beijing Institute of Technology (Dept. of Control Engineering)	1986. 9	School of Eng. (Control and Systems Eng.)	F . S . I .
		Tsinghua University (Assocoation for Dynamics)	1989. 9	School of Eng. (Mechanical Eng.)	F . S . I .
		Zhejiang University (Dept. of Civil Eng., College of Architecture and Building Eng.)	1993.11	School of Eng. (Civil and Enviromental Eng.)	F . S . I .
		Tsinghua University (Center of Science , Technology and Society)	2001. 9	Graduate School of Decision Sci. and Tech. (Industrial Eng. and Management)	F . S . I .
		Dalian University of Technology (Foreign Language School)	2003.12	International Student Center	F . I .
		Shanghai University (Precision Machinery Institute)	2005.10	Precision and Intelligence Lab.	F . I .
	India	Sarder Patel University (Department of Materials Science)	2003. 2	Materials and Structures Lab.	F . I .
	Indonesia	Indonesian National Atomic Energy Agency	1997. 6	Research Lab. for Nuclear Reactors	F . I .
		Sepuluh Nopember Institute of Technology	2004 .5	Graduate School of Sci. and Eng.	F . S . I .
	Korea	Korea Advanced Institute of Science and Technology (KAIST), (Center for Advanced Reactor Research)	1993. 8	Research Lab. for Nuclear Reactors	F . I .
		Korea Advanced Institute of Science and Technology (KAIST), (Center for Interface Science and Engineering of Materials)	1996. 5	School of Eng. (Inorganic Materials)	F . I .
		Seoul National University (Center for Molecular Catalysis)	1996. 5	Materials and Structures Lab.	F . I .
		Chosun University (Factory Automation Reseach Center for Parts of Vehicle)	1998.11	School of Eng. (Mechanical Eng.)	F . S . I .
		Seoul National University (School of Mechanical and Aerospace Engineering)	1999. 4	School of Eng. (Mechanical Eng.)	F . S . I .
		Yonsei University (Department of Chemical Engineering, College of Engineering)	1999. 9	Graduate School of Sci. and Eng. (International Development Eng.)	F . S . I .
		Korea University (Division of Materials Science and Engineering)	2005. 6	Graduate School of Sci. and Eng. (Matellargy and Ceramics Sci.)	F . S . I .
		Hanyang University (School of Mechanical Engineering)	2006. 3	Graduate School of Information Sci. and Eng. (Mechanical and Environmental informatics)	F . S . I .
		Seoul National University (School of Economics)	2006. 4	Graduate School of Decision Sci. and Tech.	F . S . I .
	Philippines	University of the Philippines (Dept. of Civil Eng., TTC, NHRC, SURP)	1993. 4	School of Eng. (Civil and Enviromental Eng.)	F . S . I .
		De La Salle University (Dept. of Chemical Engineering)	2005. 9	Graduate School of Sci. and Eng. (Chemical Eng.)	F . S . I .
	Thailand	Asian Institute of Technology (School of Engineering and Technology)	2005.12	Global Scientific Information and Computing Center	F . I .
	Taiwan	National Central University (Research Center for Hazard Mitigation and Prevention)	2005.11	Center for Urban Earthquake Eng.	F . I .
North America	Canada	Environment Canada (Numerical Prediction Research Division)	2002.12	Global Scientific Information and Computing Center	F . I .
	U.S.A.	University of Washington (Dept. of Architecture, School of Architecture & Urban Planning)	1978. 1	School of Eng. (Architecture & Building Eng.)	F . I .
		Massachusetts Institute of Technology (Dept. of Mechanical Engineering)	1991. 6	School of Eng. (Control and Systems Eng.)	F . S . I .
		Massachusetts Institute of Technology (Dept. of Mechanical Engineering)	1996. 5	School of Eng. (Mechano-Aerospace Eng.)	F . S . I .
		Stanford University (Department of Engineering)	1999.10	School of Eng. (Mechanical Eng.)	F . S . I .
		University of Carifornia, San Diego (San Diego Supercomputer Center)	2003. 1	Global Scientific Information and Computing Center	F . I .
		George Mason University (Center for Social Complexity)	2005. 2	Interdisciplinary Graduate School of Sci. and Eng.	F . S . I .
		University of Minnesota (Institute of Technology)	2005. 4	School of Eng.	S .
		Massachusetts Institute of Technology (Center for Advanced Nuclear Energy Systems)	2006. 2	Center for Research into Innovative Nuclear Energy Systems	F . S . I .
Europe	France	Ecole d'Architecture de Paris la Villette	2000. 7	School of Eng.	S .
	Germany	Paul-Drude-Institut fur Festkorperelektronik	1994. 9	Quantum Nanoelectronics Research Center	F . I .
		Forschungszentrum Karlsruhe GmbH	1998. 2	Research Lab. for Nuclear Reactors	F . I .
		Forschungszentrum Karlsruhe GmbH	2000. 7	Precision and Intelligence Lab.	F . I .
		Ludwig-Maximilian-Universitat Munchen (Humanwissenschaftliches Zentrum)	2001. 5	Interdisciplinary Graduate School of Sci. and Eng.	F . S . I .
	Italy	Politecnico Di Torino	1999. 7	Interdisciplinary Graduate School of Sci. and Eng.	F . S . I .
	Netherlands	University of Twente (Dept. of Chemical Technology)	1996. 6	Interdisciplinary Graduate School of Sci. and Eng.	S .
		Delft University of Technology	1998. 9	School of Eng./ Graduate School of Decision Sci.and Tech.	S .
		Delft University of Technology (Faculty of Architecture)	2000. 8	School of Eng.	S .
		Delft University of Technology (Dept. of Bio Mechanical Engineering, Delft Center for Systems and Control)	2004. 9	Graduate School of Sci. and Eng. (Mechanical Sci. and Eng., Mechanical and Control Eng., Mechanical and Aerospace Eng.)	S .
	Russia	Russian Scientific Center Kurchatov Institute	1992. 8	Research Lab. for Nuclear Reactors	F . I .
		Institute of Physics and Power Engineering	1997.12	Research Lab. for Nuclear Reactors	F . S . I .
		Obninsk Institute of Nuclear Power Engineering	1998. 1	Research Lab. for Nuclear Reactors	F . S . I .
	Sweden	Linkoping University	1997. 9	Graduate School of Information Sci. and Eng.	S .
	Switzerland	University of Geneva (Dept. Organic Chemistry & Laboratory of Crystallography)	2001.10	School of Eng. (Chemical Eng. Applied Chemistry course) / Graduate School of Sci. and Eng. (Applied Chemistry)	F . S . I .
	U.K.	Imperial College London (Faculty of Engineering)	2005. 4	School of Eng.	S .
		Cranfield University (Dept. of Power, Propulsion and Aerospace Engineering, School of Engineering)	2005.11	Research Lab. for Nuclear Reactors	F . S . I .
Oceania	Australia	Royal Melbourne Institute of Technology (School of Architecture and Design, Faculty of Infrastructure and Environment)	1999. 8	School of Eng. (Architecture and Building Eng.)	F . S . I .
		Monash University (Faculty of Engineering)	2006. 4	Graduate School of Sci. and Eng.	F . S . I .
	New Zealand	Victoria University of Wellington (Faculty of Science)	2006. 4	Graduate School of Sci. and Eng.	F . S . I .
Africa	South Africa	South African Institute for Aquatic Biodiversity	2005. 9	Graduate School of Bioscience and Biotechnology	F . S . I .

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

Overseas Offices

In September 2005, we opened Tokyo Tech Office (Philippines) on De La Salle University campus, reflecting our longstanding friendship with this country. We have established strong ties through various projects of the Japan Society for the Promotion of Science and the Japan International Cooperation Agency. The Office will help to strengthen relations, promote research cooperation, and disseminate our courses. It is Tokyo Tech's second overseas office, following our Thailand Office, which was founded in 2002.

INTERNATIONAL COLLABORATION

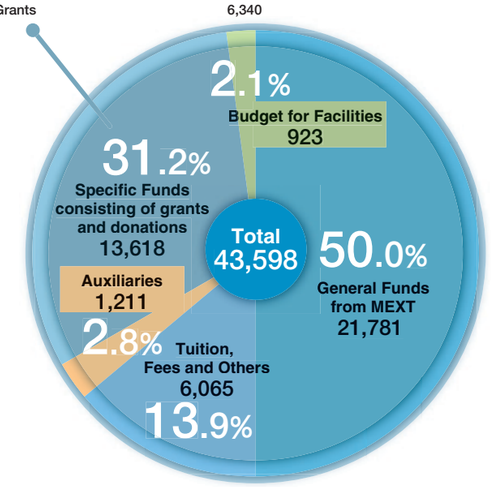
TOKYO INSTITUTE OF TECHNOLOGY

FINANCIAL DATA

Budget FY2006

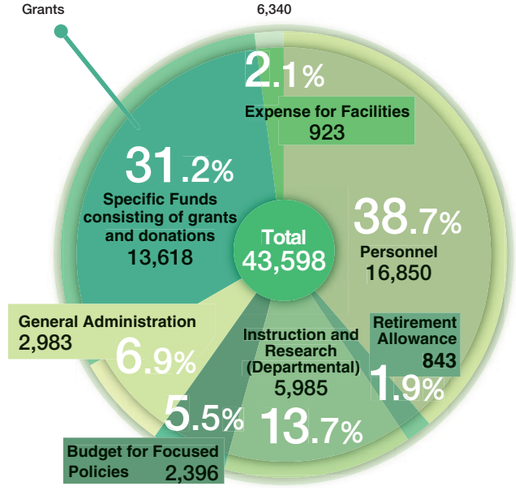
Revenue (Unit: million yen)

Specific Funds consisting of grants and donations
- Donation for Research 985
- Sponsored/ Collaborative Research 6,293
- Grants 6,340



Expenditure (Unit: million yen)

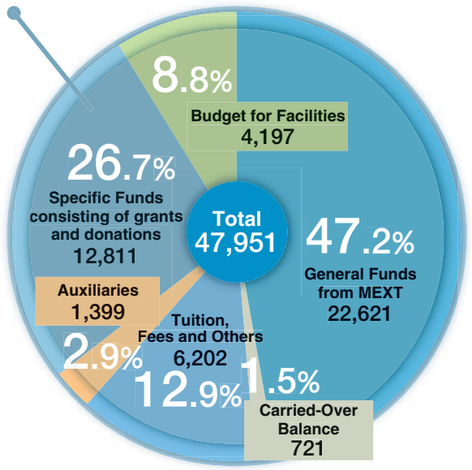
Specific Funds consisting of grants and donations
- Donation for Research 985
- Sponsored/ Collaborative Research 6,293
- Grants 6,340



Final Accounts FY2005

Revenue (Unit: million yen)

Specific Funds consisting of grants and donations
- Donation for Research 996
- Sponsored/ Collaborative Research 4,827
- Grants 6,988



Expenditure (Unit: million yen)

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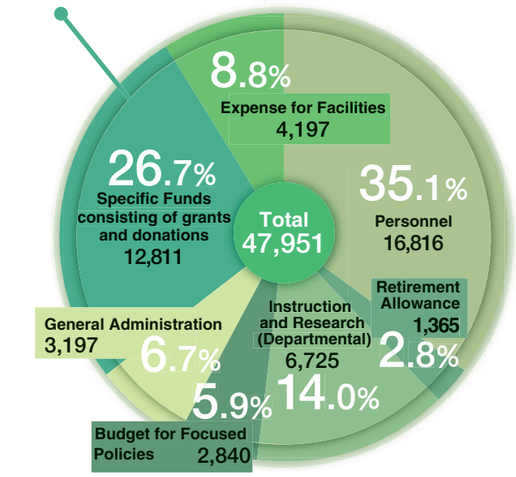


Trends of Specific Funds

	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	1,028	1,182,646	218	2,318,725	57	245,140	944	3,646,626	7,393,137
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

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

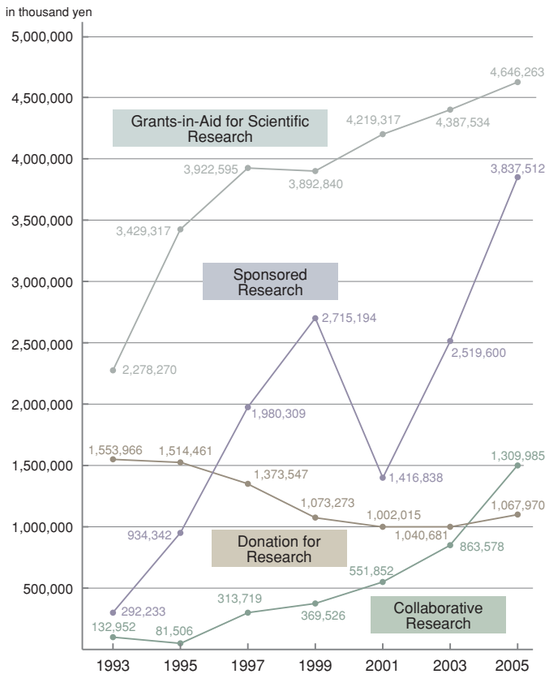
Grants-in-Aid for Scientific Research

FY2005

Area of Research	Number of Projects	Research Fund (in thousand yen)
Grant-in-Aid for Specially Promoted Research	1	107,640 (24,840)
Grant-in-Aid for Scientific Research on Priority Areas	111	1,034,900
Grant-in-Aid for Exploratory Scientific Research	84	134,700
Grant-in-Aid for Young Scientists (A)	27	253,760 (58,560)
Grant-in-Aid for Young Scientists (B)	174	245,150
Grant-in-Aid for Scientific Research (S)	15	363,870 (83,970)
Grant-in-Aid for Scientific Research (A)	49	628,030 (144,930)
Grant-in-Aid for Scientific Research (B)	172	842,670
Grant-in-Aid for Scientific Research (C)	120	174,465
Grant-in-Aid for Creative Scientific Research	7	665,988 (153,690)
Grants-in-Aid for JSPS Fellows	209	195,090
Sum total	969	4,646,263 (465,990)

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



TOKYO INSTITUTE OF TECHNOLOGY

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)	1,155㎡
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㎡
2 West Bldg. 2	1,795㎡	9 Experiment Waste Liquid Disposal Facility	374㎡
2 West Bldg. 3	5,237㎡	10 The 70th Anniversary Auditorium	1,301㎡
3 West Bldg. 4	3,262㎡	11 Gymnasium	4,811㎡
4 West Bldg. 5	1,287㎡	12 Student Hall (Cafeteria)	2,981㎡
5 West Bldg. 6	854㎡	13 Extracurricular Bldg. 1	798㎡
6 West Bldg. 7	964㎡	14 Extracurricular Bldg. 2	214㎡
7 West Bldg. 8 (W)	9,830㎡	15 Extracurricular Bldg. 3	298㎡
7 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 Network Communication Training Room	487㎡

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	2,521㎡	6 Research Center for Urban Infrastructure	1,155㎡

CAMPUS MAP

TOKYO INSTITUTE OF TECHNOLOGY

CAMPUS MAP

Suzukakedai Campus

B-Area	
1 B1 Bldg.	7,723㎡
2 B2 Bldg.	8,380㎡
3 B1･B2-Annex A	2,753㎡
4 B1･B2-Annex B	1,622㎡
5 B1･B2-Annex C	980㎡

S-Area	
1 S1 Bldg.	6,000㎡
2 S2 Bldg.	7,687㎡
3 S3 Bldg.	4,697㎡
4 S4 Bldg.	613㎡
5 S5 Bldg.	440㎡
6 S6 Bldg.	593㎡
7 S7 Bldg.	1,672㎡

R-Area	
1 R1 Bldg.	8,180㎡
2 R1-Annex A	1,395㎡
3 R1-Annex B	216㎡
4 R2 Bldg.	8,582㎡
5 R2-Annex A	656㎡
6 R2-Annex B	1,001㎡
7 R2-Annex C	711㎡
8 R3 Main Bldg.	4,865㎡
9 R3-Annex A	200㎡
10 R3-Annex B	225㎡
11 R3-Annex C	801㎡
12 R3-Annex D	1,500㎡

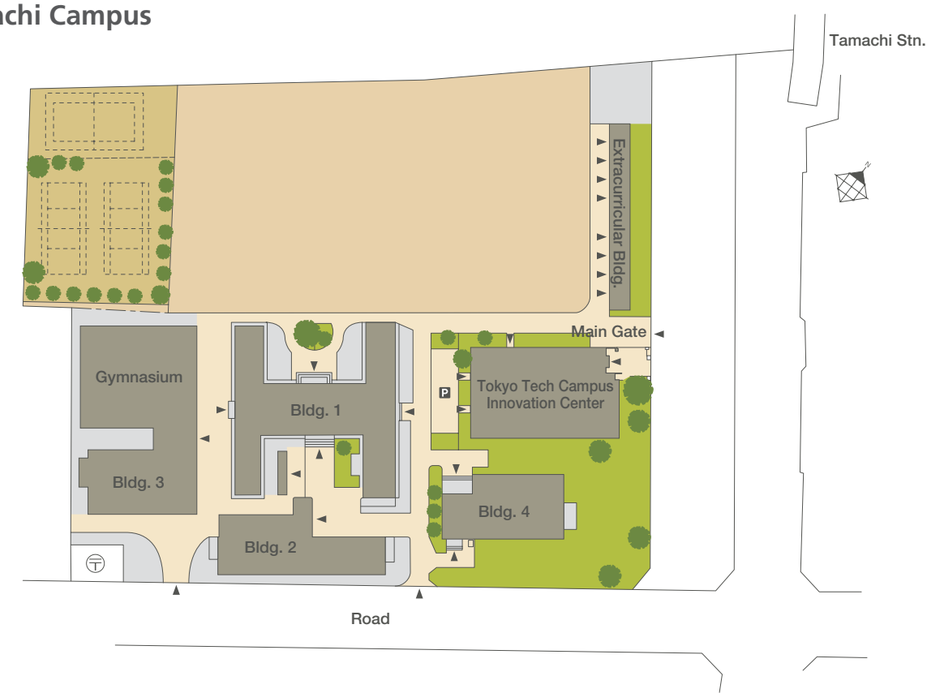
G-Area	
1 G1 Bldg.	9,571㎡
2 G2 Bldg.	7,665㎡
3 G3 Bldg.	11,590㎡
4 G4 Bldg.	1,865㎡
5 G4-Annex A	494㎡
6 G5 Bldg.	6,720㎡

H-Area	
1 H1 Bldg.	3,191㎡
2 H2 Bldg.	

J-Area	
1 J1 Bldg.	6,277㎡
2 J2 Bldg.	15,750㎡

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

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 Japanese (Shofu Gakusha) and International Students	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-yunomaruyama, 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
Omachi	Kisakiko Seminar House	14771-1 Oaza-taira, Omachi-shi, Nagano Prefecture 398-0001 TEL +81-261-23-1184
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

CAMPUS MAP

TOKYO INSTITUTE OF TECHNOLOGY

HISTORY

Development of the Institute

(As of May 1, 2006)

	School		Graduate School				Land (m²)	Building (m²)	Number of Books (Volumes)
			Master's Course		Doctoral Course				
	Admission	Number of Graduates	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	—	1,322 (30)	—	543	—	566,544	430,079	904,293

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 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. Also 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 of 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 June
The Graduate School of Information Science and Engineering was established. The Education Center for Foreign Students was reorganized into the International Student Center. The Research Center for Quantum Effect Electronics was established. The Research Center for Experimental Biology was established.

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

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

1997 April
The Radioisotope Research Center was established.

1998 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 attached to the School of Engineering was reorganized into the Tokyo Tech High School of Science and Technology.
The Center for Research in Advanced Financial Technology was reorganized. The Large-scale Knowledge Resources Center*, the Research Center for Nanometer-Scale Quantum Physics*, the Bio-Frontier Research Center*, the Center on Agent Based Social Systems Sciences*, the Center for Molecular Science and Technology*, the Research Center for the Evolving Earth and Planets*, the Research Center for the Science of Institutional Management of Technology* were established. Also established was the 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.

October
The Integrated Research Institute was established.

2006 January
The Innovative Nuclear Research Center* was established.

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

July
The Global Edge Institute was established.

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

TOKYO INSTITUTE OF TECHNOLOGY

MEMBERS OF THE BOARD, COMMITTEES, AND COUNCIL

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HONKURA, Yoshimori	Executive Vice President for Planning
MIKI, Chitoshi	Executive Vice President for Education
SEKIGUCHI, Mitsuharu	Executive Vice President for Finance
TOMIURA, Azusa	Auditor
NISHIMURA, Yoshio	Auditor

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KUWABARA, Hiroshi	Chairman of the Board, Hitachi Maxell Ltd.
TAKI, Hisao	President, NKB Inc
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FUJISHIMA, Akira	Chairman of the Board, Kanagawa Academy of Science and Technology
FURUKAWA, Masahiko	Special Consultant, Mitsubishi Chemical Corp.
AIZAWA, Masuo	President
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TAKIGUCHI, Katsuki	Professor, Graduate School of Information Science and Engineering
IKEDA, Daisuke	Director-General

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MISHIMA, Yoshinao	Dean, Interdisciplinary Graduate School of Science and Engineering
TAKAHASHI, Yukio	Dean, Graduate School of Information Science and Engineering
MUTA, Hiromitsu	Dean, Graduate School of Decision Science and Technology
ENKAWA, Takao	Dean, Graduate School of Innovation Management
YOSHIDA, Masasuke	Director, Chemical Resources Laborator
YOKOTA, Shinichi	Director, Precision and Intelligence Laboratory
KONDOU, Ken-ichi	Director, Materials and Structures Laboratory
OGAWA, Masao	Director, Research Laboratory for Nuclear Reactors
KAIZU, Youkoh	Professor, Graduate School of Science
OKA, Makoto	Professor, Graduate School of Science
KISHIMOTO, kikuo	Professor, Graduate School of Engineering
TOKIMATSU, Kohji	Professor, Graduate School of Engineering
INOUE, Yoshio	Professor, Graduate School of Bioscience and Biotechnology
SEKINE, Mitsuo	Professor, Graduate School of Bioscience and Biotechnology
UCHIKAWA, Keiji	Professor, Interdisciplinary Graduate School of Science and Engineering
HARASHINA, Sachihiko	Professor, Interdisciplinary Graduate Schoolof Science and Engineering
FURUI, Sadaoki	Professor, Graduate School of Information Science and Engineering
SASAJIMA, Kazuyuki	Professor, Graduate School of Information Science and Engineering
WATANABE, Chihiro	Professor, Graduate School of Decision Science and Technology
KIJIMA, Kyoichi	Professor, Graduate School of Decision Science and Technology
MORI, Kinji	Professor, Graduate School of Innovation Management
HATTORI, Takakazu	Professor, Foreign Language Research and Teaching Center

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FURUKAWA, Masahiko	Special Consultant, Mitsubishi Chemical Corp.
OKA, Makoto	Professor, Graduate School of Science
FUJII, Nobuo	Dean, Graduate School of Engineering
HIROSE, Shigehisa	Dean, Graduate School of Bioscience and Biotechnology
SASAJIMA, Kazuyuki	Professor, Graduate School of Information Science and Engineering
YOSHIDA, Masasuke	Director, Chemical Resources Laboratory
SHIMOKOHBE, Akira	Executive Vice President for Research

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MISHIMA, Yoshinao	Dean, Interdisciplinary Graduate School of Science and Engineering
TAKAHASHI, Yukio	Dean, Graduate School of Information Science and Engineering
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YOSHIDA, Masasuke	Director, Chemical Resources Laboratory
YOKOTA, Shinichi	Director, Precision and Intelligence Laboratory
KONDOU, Ken-ichi	Director, Materials and Structures Laboratory
OGAWA, Masao	Director, Research Laboratory for Nuclear Reactors
FUJIWARA,Eiji	Director, Institute Library
ICHIMURA, Teijirou	Principal, Tokyo Tech High School of Science and Technology

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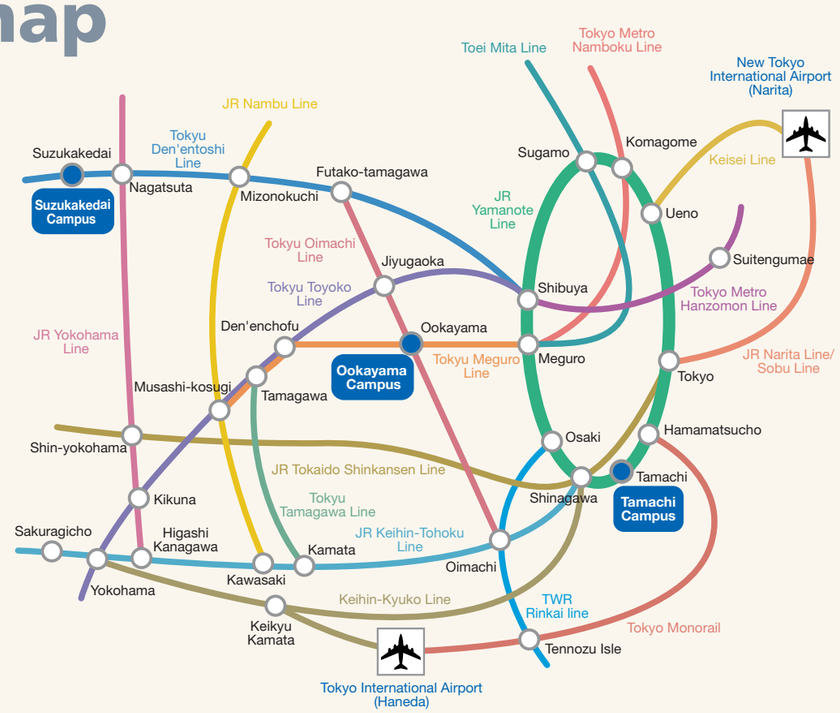
HASHIMOTO, Miyoshi	Director, General Affairs Department
ABE, Akira	Director, Finance Department
TANABE, Kouji	Director, Student Service Department
UEDA, Kiichirou	Director, Facilities Department
HORIE, Shigeo	Director, Research Cooperation Department
TSUKADA, Yoshihiko	Director, Academic Information Department
MORIYA, Keiji	Director, Suzukakedai Administration Office

map



Ookayama Campus ● Ookayama Station of Tokyu Oimachi Line/ Tokyu Meguro Line
Suzukakedai Campus ● Suzukakedai Station of Tokyu Den'entoshi Line
Tamachi Campus ● Tamachi Station of JR Yamanote Line/ Keihin-Tohoku Line