TOKYO TECH

Pursuing Excellence

Tokyo Institute of Technology –TOKYO TECH– develops distinctive students with outstanding qualities of creativity and leadership. TOKYO TECH is making significant contributions to science and technology in many fields of expertise, creating new and powerful synergies. TOKYO TECH, being a research-based university, is dedicated to education and research, and to exploring knowledge in science and technology. Pursuing excellence, TOKYO TECH serves society and the world.

TOKYO INSTITUTE OF TECHNOLOGY

2007-08 PROFILE

TOKYO TECH

Pursuing Excellence

NATIONAL UNIVERSITY CORPORATION
TOKYO INSTITUTE OF TECHNOLOGY

Center for Public Information

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2007.12

TOKYO INSTITUTE OF TECHNOLOGY

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

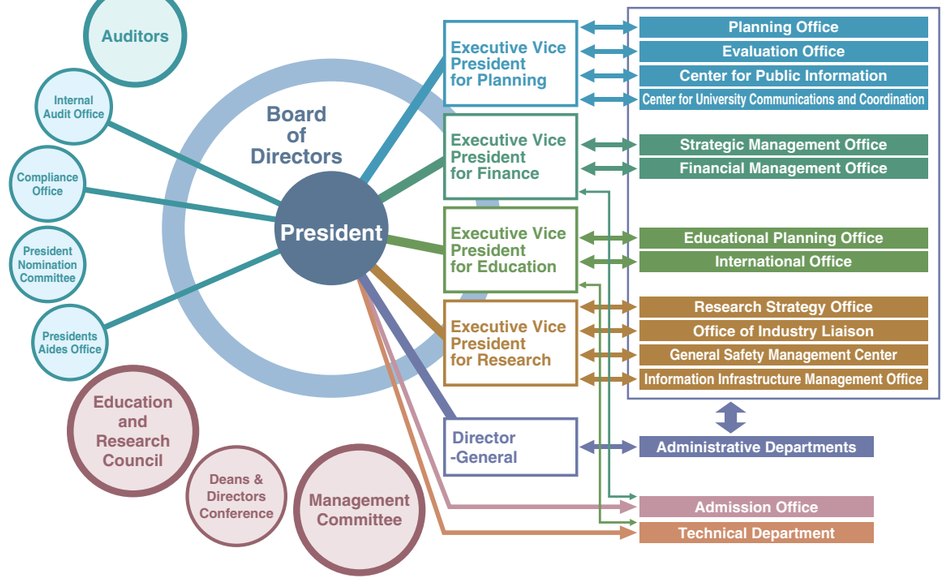
Over the years, Tokyo Institute of Technology or 東京工業大学 (*Tokyo Kogyo Daigaku*) in Japanese had been described in several short names both in English and Japanese. In 2002, the university officially adopted "Tokyo Tech" as the international and "東工大" (*Tokodai*) as the Japanese abbreviation.

School Color

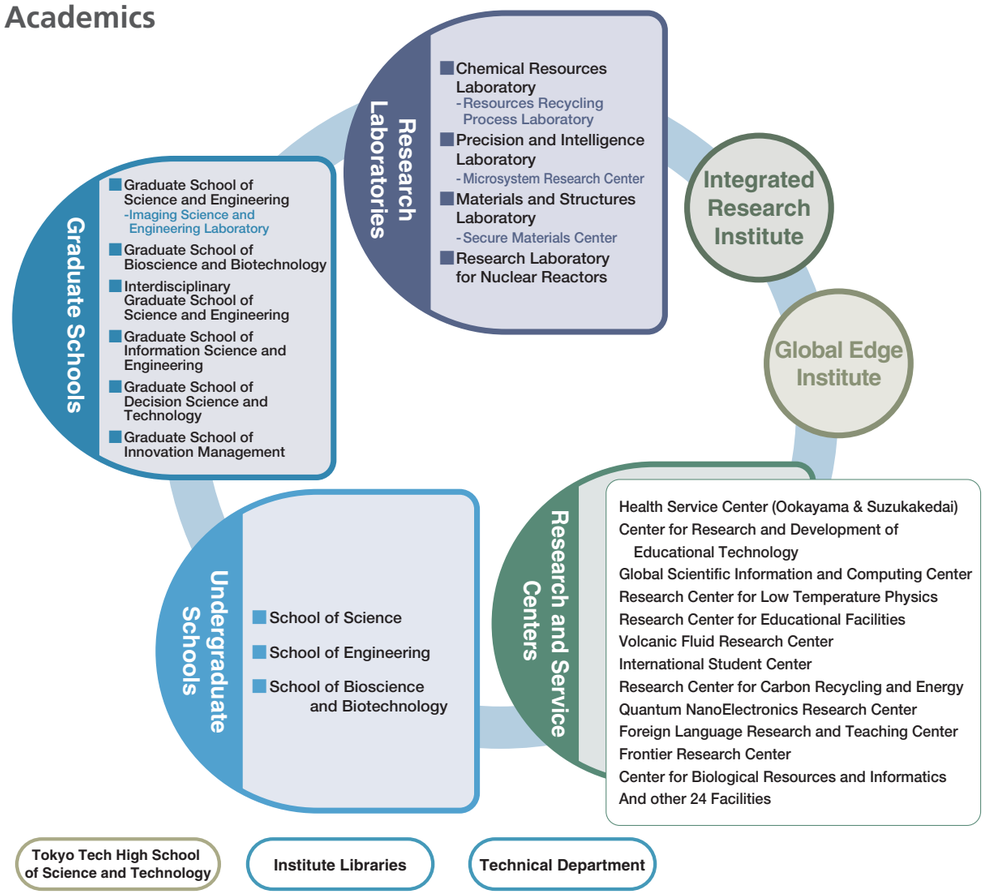
In 2004, Tokyo Tech resolved that its school color would be royal blue, the color that stands for advancement and evolution.

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, 2007)

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, 2007)

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, Genome Structure and Function*

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, Biological Computational Chemistry*, Bio-organic Chemistry*, Advanced Biofunctional Engineering**

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

Interdisciplinary Graduate School of Science and Engineering (11 Departments)

(As of May 1, 2007)

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, 2007)

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, 2007)

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, 2007)

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, 2007)

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

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**)

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

UNDERGRADUATE COURSES

School of Science (5 Departments)

(As of May 1, 2007)

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, 2007)

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, 2007)

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

RESEARCH AND SERVICE CENTERS

(As of May 1, 2007)

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

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 / Incubation.

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 30,000 worldwide journals with e-journals and conference proceedings to support and facilitate users both on and off campus. In addition, an electronic library service has been available since 1998 with the establishment of an e-library system (TDL).


http://www.libra.titech.ac.jp/welcome_e.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 science-based and technology-oriented students and seeks to integrate university education into their early development, which is reflected in a special admission quota of such students to Tokyo Tech.

(As of May 1, 2007)

	Technical High School				
	Admission	Enrollment			
		1st year	2nd year	3rd year	Total
Department of Science and Technology -present-	200	196 (25)			196 (25)
Applied Chemistry Course			40 (7)	40 (5)	80 (12)
Information System Course			37 (1)	32 (2)	69 (3)
Mechanical System Course			41 (4)	38	79 (4)
Electrical and Electronics Course			40 (5)	41	81 (5)
Three-Dimensional Formation Course			37 (10)	37 (7)	74 (17)
Mechanical Engineering -former-	—	—	—	—	—
Electrical Engineering -former-	—	—	—	—	—
Electronics Engineering -former-	—	—	—	—	—
Industrial Chemistry -former-	—	—	—	—	—
Architecture & Building Engineering -former-	—	—	—	—	—
Total	200	196 (25)	195 (27)	188 (14)	579 (66)

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

International House and Dormitories

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

Umegaoka Dormitory
A dormitory for international students, located in Aoba-ku, Yokohama. It is in a walking distance from Fujigaoka Station on the Tokyu Den'entoshi line.

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

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

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

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

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

House	Resident	Type of Accommodation	Number of Rooms	Area (㎡)
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	Internatioal and Domestic Students and Researchers (Women Only)	2 persons	48	14.49-17.76
		Single	6	17.76
Shofu Gakusha	Japanese Students	Single	144	13
Tokyo Tech Nagatsuta Hosue	International Students	Single	128	7
Tokyo Tech Aobadai House	Internatioal and Domestic Students and Researchers (Men only)	Single	16	13


International House


Umegaoka Dormitory


Shofu Dormitory and Shofu Gakusha


Senzokuike International House

STAFF/STUDENT NUMBERS

Number of Staff

(As of May 1, 2007)

	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	Administrative Staff	Technical Staff	Others	Sub Total	
The Board	1	4	2														7
Graduate School: Science and Engineering (Science)				50	36		60	3	149								149
Graduate School: Science and Engineering (Engineering)				109	107		114	1	331					1		1	332
Graduate School: Bioscience and Biotechnology				21	23	1	39	3	87								87
Graduate School: Interdisciplinary Graduate School of Science and Engineering				51	44	5	36	3	139					1		1	140
Graduate School: Information Science and Engineering				27	26	3	21		77								77
Graduate School: Decision Science and Technology				29	24	1	21		75								75
Graduate School: Innovation Management				8	3				11								11
Chemical Resources Laboratory				13	10	2	25		50								50
Precision and Intelligence Laboratory				13	16		20		49								49
Materials and Structures Laboratory				12	14		10		36								36
Research Laboratory for Nuclear Reactors				9	12		14		35								35
Research and Service Centers				37	34	5	13	2	91						2	2	93
High School of Science and Technology										45	9	54					54
Integrated Research Institute				9	2				11								11
Administration Bureau													458		6	464	464
Technical Department														89		89	89
Total	1	4	2	388	351	17	373	12	1,141	45	9	54	458	91	8	557	1,759

Project-based/Adjunct Staff

(As of May 1, 2007)

			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)	136	→	52	10	1	73	136						
Researchers (including research professors)	193	→	5	3	3	182	193						
Lecturers	222	→	35	5		9	49	78	38	116	42	15	57
Teaching Associates on Projects	68												
Project-supporting Staff (full-time)	8												
Technical Personnel on Projects	3												
Research Associates on Projects	22												
Project-supporting Staff (part-time)	645												
Total	1,297	Total	92	18	4	264	378	78	38	116	42	15	57

TOKYO INSTITUTE OF TECHNOLOGY

STAFF/STUDENT NUMBERS

Research Staff in 2006

	Researchers from Industrial Firms (Sponsored Research)	Researchers from Industrial Firms (Collaborative Research)	Researchers from Private Universities	Project Researchers	JSPS Postdoctoral Fellows				Total
					PD	DC2	DC1	Total	
Graduate School of Science and Engineering (Science)	1	3		4	10	13	13	36	44
Graduate School of Science and Engineering (Engineering)	15	21		1	3	14	15	32	69
Graduate School of Bioscience and Biotechnology	1	6		3	4	6	8	18	28
Interdisciplinary Graduate School of Science and Engineering	2	15		1	4	3	3	10	28
Graduate School of Information Science and Engineering					2	3	1	6	6
Graduate School of Decision Science and Technology					2	1	2	5	5
Chemical Resources Laboratory		3		13	3	4		7	23
Precision and Intelligence Laboratory	5	5	1	1	3	3	3	9	21
Materials and Structures Laboratory	2	2		2	1		1	2	8
Research Laboratory for Nuclear Reactors		5			2		1	3	8
Global Scientific Information and Computing Center		3		1			1	1	5
Volcanic Fluid Research Center					1			1	1
Quantum Nanoelectronics Research Center	1			1		1		1	3
Frontier Collaborative Research Center		7		5	2	3	1	6	18
Center for Biological Resources and Informatics		1			1			1	2
Intergrated Research Institute						1		1	1
Total	27	71	1	32	38	52	49	139	270

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

Visiting Researchers in 2006

Affiliation	
Graduate School of Science and Engineering (Science)	18
Graduate School of Science and Engineering (Engineering)	64
Graduate School of Bioscience and Biotechnology	6
Interdisciplinary Graduate School of Science and Engineering	24
Graduate School of Information Science and Engineering	15
Graduate School of Decision Science and Technology	11
Graduate School of Innovation Management	7
Chemical Resources Laboratory	9
Precision and Intelligence Laboratory	8
Materials and Structures Laboratory	8
Center for Research and Development of Educational Technology	2
Global Scientific Information and Computing Center	1
Volcanic Fluid Research Center	1
Frontier Collaborative Research Center	3
Total	177

	Countries	
Asia	China	43
	Korea	20
	India	10
	Thailand	12
	Philippines	4
	Bangladesh	3
	Vietnam	3
	Indonesia	2
	Japan	2
	Mongolia	2
	Pakistan	2
	Kazakhstan	1
	Malaysia	1

	Countries	
North America	U.S.A.	11
	Canada	3
South America	Brazil	1
	Chile	1
Europe	France	8
	Germany	7
	Russia	7
	Spain	4
	U.K.	4
	Czech	2
	Denmark	2
	Finland	2
	Italy	2
	Netherlands	2

	Countries	
Europe	Sweden	2
	Switzerland	2
	Armenia	1
	Blugaria	1
	Norway	1
	Poland	1
	Portugal	1
	Romania	1
Oceania	Australia	1
Middle East	Turkey	2
	Iran	1
Africa	Cameroon	1
	Egypt	1
Total (41 countries)		177

Graduate Students

(As of May 1, 2007)

	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	17		20(1)	4	37(1)	4	41(1)	8	3		3	1	8		14	1	15
	Physics (Particle, Nuclear and Astro-Physics)	23	25(1)	2	33(1)	1	58(2)	3	61(2)	8	5	1	13(1)		12		30(1)	1	31(1)
	Physics (Condensed Matter Physics)	35	32	3	34(1)	6	66(1)	9	75(1)	12	6		9	1	8		23	1	24
	Chemistry	35	36	9	45(2)	6	81(2)	15	96(2)	12	12(1)	1	7	2	16(1)		35(2)	3	38(2)
	Earth and Planetary Sciences	19	16	3	19	7	35	10	45	7	3	2	5		7	1	15	3	18
	Chemistry and Materials Science	29	28(1)	6(1)	35(4)	8	63(5)	14(1)	77(6)	10	5	2	9(2)	2(1)	4		18(2)	4(1)	22(3)
	Metallurgy and Ceramics Science	36	45(3)	2	42(2)	7(4)	87(5)	9(4)	96(9)	13	8(1)	1(1)	15(4)	4(1)	9(2)	2(1)	32(7)	7(3)	39(10)
	Organic and Polymeric Materials	46	47(1)	8(2)	50(2)	13(3)	97(3)	21(5)	118(8)	15	10(2)	2(1)	13(4)		15(5)	4(2)	38(11)	6(3)	44(14)
	Applied Chemistry	20	24	4(1)	24	5(1)	48	9(2)	57(2)	7	3	1	8		9	1	20	2	22
	Chemical Engineering	26	23	4(2)	22(1)	7(2)	45(1)	11(4)	56(5)	9	1		7(1)	3(2)	10(3)	2(1)	18(4)	5(3)	23(7)
	Mechanical Sciences and Engineering	35	43(2)	1	49(3)	1	92(5)	2	94(5)	12	4(2)		10(2)	2(2)	19(9)	3(2)	33(13)	4(4)	38(17)
	Mechanical and Control Engineering	43	54	1	66(8)	2(2)	120(8)	3(2)	123(10)	15	4(1)		7(2)		22(6)		33(9)		33(9)
	Mechanical and Aerospace Engineering	24	31		32(2)	6(1)	63(2)	6(1)	69(3)	9		1(1)	5(1)		6(2)		11(3)	1(1)	12(4)
	Electrical and Electronic Engineering	27	38(2)	2	37(5)	1(1)	75(7)	3(1)	78(8)	10	10(4)		13(6)	1(1)	14(5)	2(2)	37(15)	3(3)	40(18)
	Physical Electronics	28	35(3)		47(8)		82(11)		82(11)	9	6		11(3)	2(2)	23(8)	4(3)	40(11)	6(5)	46(16)
	Communications and Integrated Systems	27	32(3)	5(1)	40(3)	4(2)	72(6)	9(3)	81(9)	10	6(1)		8(4)		17(11)		31(16)		31(16)
	Civil Engineering	21	22	5(2)	27(7)	4	49(7)	9(2)	58(9)	8	3(1)	1	9(2)		10(6)		22(9)	1	23(9)
	Architecture and Building Engineering	32	25	9	47(7)	15	72(7)	24	96(7)	11	5(1)	2	5(2)	2	9(3)	4(1)	19(6)	8(1)	27(7)
	International Development Engineering	24	14(5)	6(2)	17(3)	6(4)	31(8)	12(6)	43(14)	9	7(4)	1(1)	10(6)	5(3)	14(8)	2(1)	31(18)	8(5)	39(23)
	Nuclear Engineering	16	21	3	27(3)	2	48(3)	5	53(3)	9	8	1(1)	13(2)	2(1)	26(8)	3	47(10)	6(2)	52(12)
	Total	568	608(21)	73(11)	713(63)	105(20)	1,321(84)	178(31)	1,499(115)	203	109(18)	16(5)	180(42)	27(13)	258(77)	28(13)	547(137)	71(31)	618(168)
Graduate School of Bioscience and Biotechnology	Life Science	21	21(1)	6(2)	26(2)	4(1)	47(3)	10(3)	57(6)	8	1	2(2)	6		10(1)	2(1)	17(1)	4(3)	21(4)
	Biological Sciences	18	20(1)	6	25(2)	9(1)	45(3)	15(1)	60(4)	6	4	4	5(1)	1	8	4	17(1)	9	26(1)
	Biological Information	18	24(1)	9(2)	25(2)	8	49(3)	17(2)	66(5)	6	6	3(1)	10(1)	3(1)	17(1)	5(2)	33(2)	11(4)	44(6)
	Bioengineering	20	18(1)	9	29(5)	9(3)	47(6)	18(3)	65(9)	7	4	1(1)	4(1)	2(1)	2	3(1)	10(1)	6(3)	16(4)
	Biomolecular Engineering	21	22(1)	8(4)	25(4)	11(5)	47(5)	19(9)	66(14)	8	6	3	7(1)		9(2)	3(1)	22(3)	6(1)	28(4)
	Total	98	105(5)	38(8)	130(15)	41(10)	235(20)	79(18)	314(38)	35	21	13(4)	32(4)	6(2)	46(4)	17(5)	99(8)	36(11)	135(19)
Interdisciplinary Graduate School of Science and Engineering	Innovative and Engineered Materials	27	45	5(1)	42(2)	4	87(2)	9(1)	96(3)	22	3		10	2(1)	16(2)	1	29(2)	3(1)	32(3)
	Electronic Chemistry	44	49(1)	10	47(1)	7	96(2)	17	113(2)	20	9		14(1)	1	28(5)	8(4)	51(6)	9(4)	60(10)
	Materials Science and Engineering	41	32	4	51(1)	5	83(1)	9	92(1)	19	4	1(1)	11(1)	1(1)	19(2)	1	34(3)	3(2)	37(5)
	Environmental Science and Technology	31	34	5(3)	39	11	73	16(3)	89(3)	26	7(2)	4(1)	8(1)	3	21(2)	8(4)	36(5)	15(5)	51(10)
	Built Environment	44	35	11(3)	44(4)	13(2)	79(4)	24(5)	103(9)	18	7(1)		4	1	11(2)	3(2)	22(3)	4(2)	26(5)
	Energy Sciences	41	45	3	40(1)	2	85(1)	5	90(1)	17	9		16(2)	1(1)	10(1)	1	35(3)	2(1)	37(4)
	Environmental Chemistry and Engineering	34	32(1)	11	38(1)	15(1)	70(2)	26(1)	96(3)	16	3		4(1)	1(1)	11(6)	2(1)	18(7)	3(2)	21(9)
	Information Processing (former)														6(1)		6(1)		6(1)
	Electronics and Applied Physics	34	45(1)	6	59(3)	4(1)	104(4)	10(1)	114(5)	23	11(1)		11(1)	2(1)	11(3)		33(5)	2(1)	35(6)
	Mechano-Micro Engineering (present)	22	30(1)	1	30(2)	1	60(3)	2	62(3)	10	7(2)		10(2)	1(1)	13(2)	1	30(6)	2(1)	32(7)
	Computational Intelligence and Systems Science	76	77(5)	6	63(4)	7(2)	140(9)	13(2)	153(11)	31	18(1)	6(2)	27(6)	5(3)	61(8)	9(1)	106(15)	20(6)	126(21)
	Advanced Applied Electronics (former)				1		1		1						8(2)		8(2)		8(2)
	Information Processing (present)	39	35(3)	4	54(7)	7(2)	89(10)	11(2)	100(12)	17	16		12(1)	1	7(1)	1	35(2)	2	37(2)
	Total	433	459(12)	66(7)	508(26)	76(8)	967(38)	142(15)	1,109(53)	219	94(7)	11(4)	127(16)	19(9)	222(37)	35(12)	443(60)	65(25)	508(85)
Graduate School of Information Science and Engineering	Mathematical and Computing Sciences	28	27	3(1)	43(3)	2	70(3)	5(1)	75(4)	10	5		5(1)	1(1)	10		20(1)	1(1)	21(2)
	Computer Science	34	44(4)	5	58(10)	1(1)	102(14)	6(1)	108(15)	12	7(5)	1	14(2)	2(2)	23(6)	1	44(13)	4(2)	48(15)
	Mechanical and Environmental Informatics	36	40(3)	4(1)	45(5)	6	85(8)	10(1)	95(9)	13	4		10(3)		12(5)	2	26(8)	2	28(8)
	Total	98	111(7)	12(2)	146(18)	9(1)	257(25)	21(3)	278(28)	35	16(5)	1	29(6)	3(3)	45(11)	3	90(22)	7(3)	97(25)
Graduate School of Decision Science and Technology	Human System Science	24	13	9(2)	21(2)	12(5)	34(2)	21(7)	55(9)	11	3	4(2)	3	9	18(2)	15(2)	24(2)	28(4)	52(6)
	Value and Decision Science	12	19	5(2)	13	9(2)	32	14(4)	46(4)	9	4(1)	1(1)	4(1)	4	14(5)		22(7)	5(1)	27(8)
	Industrial Engineering and Management	31	32(5)	10(6)	41(5)	10(5)	73(10)	20(11)	93(21)	13	12(2)	1(1)	10(2)	2(1)	17(6)	5(3)	39(10)	8(5)	47(15)
	Social Engineering	28	21	9(3)	27(1)	9(1)	48(1)	18(4)	66(5)	11	7	5(1)	14	5	9(2)	5(2)	30(2)	15(3)	45(5)
	Total	95	85(5)	33(13)	102(8)	40(13)	187(13)	73(26)	260(39)	44	26(3)	11(5)	31(3)	20(1)	58(15)	25(7)	115(21)	56(13)	171(34)
Graduate School of Innovation Management	Management of Technology*	30	18(1)	3(1)	35(2)	10(3)	53(3)	13(4)	66(7)										
	Innovation**									7	10	1	8	2	18(1)	2(1)	36(1)	5(1)	41(2)
	Total	30	18(1)	3(1)	35(2)	10(3)	53(3)	13(4)	66(7)	7	10	1	8	2	18(1)	2(1)	36(1)	5(1)	41(2)
	Grand Total	1,322	1,386(51)	225(42)	1,634(132)	281(55)	3,020(183)	506(97)	3,526(280)	543	276(33)	53(18)	407(71)	77(28)	647(145)	110(38)	1,330(249)	240(84)	1,570(333)

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, 2007)

	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			25	1	22	2	41(1)	3	88(1)	6	94(1)
	Physics	54			55(2)	8	58(2)	5	65(1)	9	178(5)	22	200(5)
	Chemistry	37			32	6	39(1)	3	44	2	115(1)	11	126(1)
	Information Science	34			31(1)	2	34	3	46	3(1)	111(1)	8(1)	119(2)
	Earth and Planetary Sciences	35			23	5	24		48	3	95	8	103
	1st year		189(2)	23(1)							189(2)	23(1)	212(3)
	Total	185	189(2)	23(1)	166(3)	22	177(3)	13	244(2)	20(1)	776(10)	78(2)	854(12)
School of Engineering	Metallurgical Engineering	33			32	5	37(1)	1	43(1)	3	112(2)	9	121(2)
	Organic and Polymeric Materials	20	89(2)	4	25(1)		22	4(1)	20(1)	4	67(2)	8(1)	75(3)
	Inorganic Materials	30			25	5	28	4	37	2	90	11	101
	Chemical Engineering	70			67(1)	7(5)	65(4)	16(5)	74(2)	13(5)	206(7)	36(15)	242(22)
	Polymer Chemistry	30	105(5)	28(8)	28(2)	7(1)	28	5	29	2(1)	85(2)	14(2)	99(4)
	Mechanical Engineering and Science	52			45(2)	4(1)	64(5)	2	62(3)	2	171(10)	8(1)	179(11)
	Mechanical and Intelligent Systems Engineering	40			40(4)	2	38(2)	2	45(1)	1	123(7)	5	128(7)
	Mechano-Aerospace Engineering	40	198(13)	12(2)	48(2)	1(1)	46(1)		45(2)	1	139(5)	2(1)	141(6)
	Control and Systems Engineering	43			46(1)	3	48(2)	1	65(5)	1	159(8)	5	164(8)
	Industrial and Systems Engineering	36			40(3)	4(2)	36(2)	6(1)	55(2)	2(1)	131(7)	12(4)	143(11)
	Physical Electronics		238(17)	10(2)					1		1		1
	Electrical and Electronic Engineering	82			77(7)	2	99(5)	2	110(8)	1(1)	286(20)	5(1)	291(21)
	Computer Science	102			107(7)	6	101(4)	2	144(8)	3	352(19)	11	363(19)
	Civil and Environmental Engineering	34			27(1)	7	32(4)	6	43(5)	7(1)	102(10)	20(1)	122(11)
	Architecture and Building Engineering	45	105(1)	35(4)	36(1)	20(1)	37(2)	11	50(2)	12(1)	123(5)	43(2)	166(7)
	Social Engineering	36			30	5	31	12	38	6	99	23	122
	International Development Engineering	40			27(8)	11(9)	25(10)	8(6)	49(20)	12(11)	101(38)	31(26)	132(64)
	1st year	＊20	735(38)	89(16)							735(38)	89(16)	824(54)
	Total	733	735(38)	89(16)	700(40)	89(20)	737(42)	82(13)	910(60)	72(21)	3,082(180)	332(70)	3,414(250)
School of Bioscience and Biotechnology	Bioscience	75			52	14	58(1)	11(1)	77(1)	15(1)	187(2)	40(2)	227(4)
	Biotechnology	75			61(1)	23(1)	77(2)	18	75(4)	24(8)	213(7)	65(9)	278(16)
	1st year	＊10	142(1)	25(1)							142(1)	25(1)	167(2)
	Total	150	142(1)	25(1)	113(1)	37(1)	135(3)	29(1)	152(5)	39(9)	542(10)	130(12)	672(22)
Grand Total		1.068	1,066(41)	137(18)	979(44)	148(21)	1,049(48)	124(14)	1,306(67)	131(31)	4,400(200)	540(84)	4,940(284)

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

Research Students

(As of May 1, 2007)

	Graduate School of Science and Engineering (Science)	Graduate School of Science and Engineering (Engineering)	Graduate School of Bioscience and Biotechnology	Interdisciplinary Graduate School of Science and Engineering	Graduate School of Information Science and Engineering	Graduate School of Decision Science and Technology	Graduate School of Innovation Management	Chemical Resources Laboratory	Precision and Intelligence Laboratory	Materials and Structures Laboratory	Research Laboratory for Nuclear Reactors	Other Research Centers	Total
Japanese Students	8	15	5	3	6	6	0	4	1	1	0	2	51
Students from aboroad	6	37	4	6	11	8	2	4	5	0	2	6	91
Total	14	52	9	9	17	14	2	8	6	1	2	8	142

Students from abroad

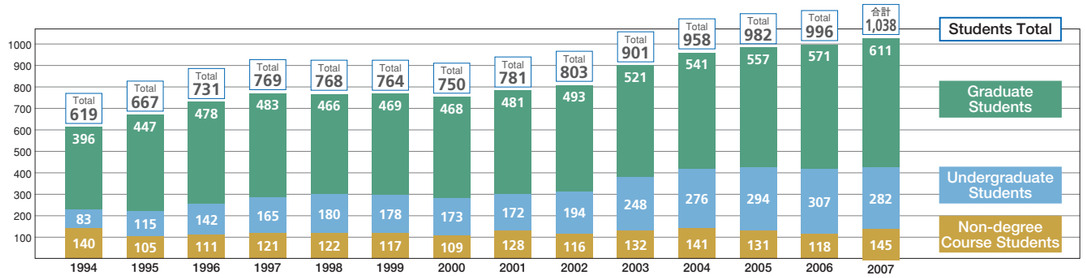
(As of May 1, 2007)

		Under-graduate Course	Master's Course	Doctoral Course	Non-degree Course	Total
Asia	China	163(58)	140(66)	79(24)	33(16)	415(164)
	Korea	29(1)	18(2)	65(16)	18(6)	130(25)
	Vietnam	36(11)	20(5)	12(3)	2(1)	70(20)
	Thailand	6(2) [2]	16(5) [1]	29(9) [2]	5(1)	56(17) [5]
	Indonesia	7(1)	14(4)	25(3)	5(3)	51(11)
	Malaysia	21(7) [4]	6(2)	8(5)	3(2)	38(16) [4]
	Bangladesh	1	4(1)	14(4)	1(1)	20(6)
	Philippines	1	2(2)	8(1)	6(4)	17(7)
	Taiwan	1	4(1)	5(4)	2(1)	12(6)
	India	3		4(1)	1	8(1)
	Cambodia	1	3	4		8
	Pakistan			6	1	7
	Mongolia	1	2(2)	3(3)		6(5)
	Sri Lanka	3(1)	3			6(1)
	Nepal	1	4(1)	1		6(1)
	Kazakhstan		3(1)	1(1)		4(2)
	Laos		1	2		3
	Myanmar		1(1)	1(1)	1	3(2)
	Singapore				1	1
	China (Hong Kong)	1				1
North America	U.S.A.		2	2	7(1)	11(1)
	Canada		2	1	3	6
Central and South America	Brazil	2	4	5	1	12
	Argentina	1		1		2
	Bolivia				2	2
	Colombia		2			2
	Cuba			1	1	2
	Ecuador		2			2
	Peru			2		2
	Costa Rica				1	1
	Mexico				1	1
	Nicaragua				1	1
	Venezuela			1		1
Europe	France		3	7	10(1)	20(1)
	Germany		3	3	6(1)	12(1)

		Under-graduate Course	Master's Course	Doctoral Course	Non-degree Course	Total
Europe	Sweden			1	4(1)	5(1)
	Russia		1		3	4
	Spain			3	1(1)	4(1)
	Italy			1	2	3
	Netherlands		1		2	3
	Norway			1	2	3
	U.K.		2		1	3
	Bosnia-Herzegovina		1	1		2
	Finland		1	1(1)		2(1)
	Iceland		1(1)	1		2(1)
	Portugal			2		2
	Romania	1(1)		1		2(1)
	Switzerland		1	1		2
	Belarus				1	1
	Bulgaria			1		1
	Croatia			1		1
	Danmark		1			1
	Hungary	1				1
	Ireland			1		1
	Poland			1(1)		1(1)
	Serbia			1(1)		1(1)
Oceania	Australia		1	1	8(4)	10(4)
	Fiji Islands			1		1
	Papua New Guinea		1			1
Middle East	Iran	1	5(3)	8(4)	4(2)	18(9)
	Turkey		2	4	2	8
	Israel		1	1(1)	1	3(1)
	Jordan	1				1
Africa	Egypt			4	1(1)	5(1)
	Tunisia			2(1)		2(1)
	Algeria			1		1
	Cameroon		1			1
	Sudan			1		1
	Tanzania			1		1
	Zimbabwe				1	1
Total		282 (82) [6]	279 (97) [1]	332 (84) [2]	145 (47)	1,038 (310) [9]

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

Recent Trends in the Number of Students from Abroad



TOKYO INSTITUTE OF TECHNOLOGY

ENROLLMENT AND GRADUATION

ENROLLMENT

Enrollment in Graduate Courses for FY 2007

	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	681(45)	143(5)	515(15)	123(8)	118(8)	21(8)	1,611(89)	125(66)	34(6)	105(54)	17(8)	37(9)	11(4)	329(147)

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			2006			1993-2006		
	M	D	Sub Total	M	D	Sub Total	M	D	Sub Total	M	D	Sub Total	M	D	Sub Total	M	D	Sub Total	M	D	Sub Total	M	D	Sub Total	M	D	Sub Total
Graduate School of Science and Engineering	12	7	19	14	14	28	9	11	20	14	13	27	21	18	39	16	18	34	13	22	35	21	14	35	211	208	419
Graduate School of Bioscience and Biotechnology	2	3	5	1	5	6	7	3	10	5	4	9	0	3	3	3	1	4	3	2	5	2	2	4	47	50	97
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	3	10	13	71	92	163
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	2	2	4	40	21	61
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	5	1	6	31	14	45
Total	25	22	47	23	33	56	27	25	52	32	26	58	37	27	64	28	29	57	28	31	59	33	29	62	400	385	785

Enrollment in Undergraduate Courses for FY 2007

	Science	Engineering	Bioscience & Biotechnology	Total
Application	1,410	4,570	709	6,689
Admission	185	733	150	1,068
Enrollment	189	787	155	1,131

GRADUATION

Number of Doctoral Degrees Conferred

(As of March 31, 2007)

		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	2006	31	110	4	145	3	21	2	26
	Total number since the establishment	1,034	2,750	113	3,897	396	2,393	23	2,812
Graduate School of Bioscience and Biotechnology	2006	33	20	0	53	0	3	0	3
	Total number since the establishment	304	301	3	608	35	48	0	83
Interdisciplinary Graduate School of Science and Engineering	2006	14	99	3	116	0	11	0	11
	Total number since the establishment	406	1,535	45	1,986	136	786	11	933
Graduate School of Information Science and Engineering	2006	8	11	4	23	2	5	1	8
	Total number since the establishment	55	142	42	239	12	41	3	56
Graduate School of Decision Science and Technology	2006	1	14	18	33	0	2	3	5
	Total number since the establishment	6	104	120	230	1	14	16	31
Total		1,805	4,832	323	6,960	580	3,282	53	3,915

Students after Graduation for the Class of 2006

Master's Degrees

	Number of Graduates	Further Study	Manufacturers	Non-Manufacturers	Education	Government or Public Agencies	Others
Graduate School of Science & Engineering	704	110	376	188	2	16	12
Graduate School of Bioscience & Biotechnology	138	29	72	26	1	1	9
Interdisciplinary Graduate School of Science & Engineering	545	71	319	137	0	6	12
Graduate School of Information Science & Engineering	120	10	44	58	0	3	5
Graduate School of Decision Science & Technology	138	16	32	73	2	0	15
Graduate School of Innovation Management*	26	0	0	6	0	0	20
Total	1,671	236	843	488	5	26	73

Doctoral Degrees

	Number of Graduates	Manufacturers	Non- Manufacturers	Education	Government or Public Agencies	Others
Graduate School of Science & Engineering	145	34	18	12	1	80
Graduate School of Bioscience & Biotechnology	53	10	4	4	0	35
Interdisciplinary Graduate School of Science & Engineering	116	28	10	6	1	71
Graduate School of Information Science & Engineering	23	4	5	5	0	9
Graduate School of Decision Science & Technology	33	1	2	2	0	28
Total	370	77	39	29	2	223

Bachelor's Degrees

	Number of Graduates	Further Study	Manufacturers	Non-Manufacturers	Education	Government or Public Agencies	Others
School of Science	204	162	4	22	2	2	12
School of Engineering	808	687	31	62	0	4	24
School of Bioscience & Biotechnology	176	162	2	5	0	0	7
Total	1,188	1,011	37	89	2	6	43

ENROLLMENT AND GRADUATION

TOKYO INSTITUTE OF TECHNOLOGY

NEW FEATURES OF RESEARCH PROGRAMS

The Global COE Programs at Tokyo Institute of Technology

The Global COE Program has been introduced by the MEXT as the successor to the 21st Century COE Program. Starting in 2007, the program aims to further strengthen and enhance functions of graduate schools and create centers of excellence of the world's highest standard. For FY2007, Tokyo Tech's five programs were selected.

2007～

Evolving Education and Research Center for Spatio-Temporal Biological Network

Field of Study: Life Science
Graduate Schools/ Research Institutes: Bioscience and Biotechnology, Science and Engineering
Departments/ Centers: Life Science, Biological Sciences, Biological Information, Bioengineering, Biomolecular Engineering, Electrical and Electronic Engineering
Program Leader: Prof. NUREKI, Osamu
Partners: Tokyo Medical and Dental University Graduate School; RIKEN Brain Science Institute; University of California, Los Angeles, Molecular Biology Institute, Department of Microbiology and Molecular Genetics (USA); The Scripps Institute of Oceanography, Department of Biology and Chemistry (USA); Centre national de la recherche' scientifique, IBMC, Dept. Machineries Traductionnelis (France)

The Amount of Subsidy for FY2007: 349,570 JPY

Education and Research Center for Material Innovation

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

The Amount of Subsidy for FY2007: 270,140 JPY

Education and Research Center for Emergence of New Molecular Chemistry

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

The Amount of Subsidy for FY2007: 303,420 JPY

Computationism as Foundations of Sciences

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

The Amount of Subsidy for FY2007: 215,020 JPY

Photonics Integration - Core Electronics

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

The Amount of Subsidy for FY2007: 317,070 JPY

The 21st Century COE Programs at Tokyo Institute of Technology

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

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

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

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

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 (30 Projects)

(As of May 1, 2007)

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
	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
	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
	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
Manufacturing Technology	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
Electra Co.Ltd.	Eiichi, Matsunaga	Development, construction, manufacture of natural energy storage and recycle system	2	2007.1.26
MERSTech, Inc.	Masahito, Shiga	Industrialization and Commercialization of MERS technology based power electronics products and services (MERS:Magnetic Energy Recovery Switch)	1	2007.3.23
iMott Inc. (Innovative Management of Thin-films Technology) http://imott.co.jp	MATSUO, Makoto	R & D or consultation on techonology of segmented-DLC coating, its coating service and patents licensing	1,2	2007.2.8
PRESYSTEMS, Inc. http://www4.con.ne.jp/~presys	NAGATOU, Naoyuki	Sales and Developments of our testing tools on software systems.	2,3	2002.2.1
blogwatcher co., ltd. http://www.blogwatcher.co.jp/	HANO, Yoshihiko	Construction and development of CGM sites of blog and review, etc.Sales of advertising commodity and ASP.	2	2007.4.2

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

(FY2006)

Programs	Number of programs	
Core University Program	2	(2)
AA Science Platform Program	1	(1)
Core-to-Core Program	1	
Asian Science Seminar	1	
Bilateral Programs (Joint Research and/or Joint Scientific Seminars)	9	(4)
Inter-Research Centers Cooperative Program	1	(1)
JSPS International Scientific Meetings	1	
RONPAKU (Dissertation Ph.D.) Program	4	(3)
Program for Sending Researchers to Specified Countries	1	
Travel Grant for Academic Meetings	3	
Postdoctoral Fellowship for Research Abroad	3	(1)
Invitation Fellowship Program for Research in Japan (Short-term)	12	
Invitation Fellowship Program for Research in Japan (Long-term)	2	
Invitation Fellowship Program for Research in Japan (nominated by Counterpart Institution)	7	(2)
Postdoctoral Fellowship Program for Foreign Researchers (Standard)	75	(52)
Postdoctoral Fellowship Program (Short-term)-Quotas for North American and European Researchers	1	(1)
JSPS Summer Program	3	

Note: Figures given in parentheses represent the number of ongoing programs which have started in or before 2005.

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

(FY2006)

Name	Affiliation	Project Title	Period
IKEDA, Syunsuke	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jun.15-18
NISHIHARA,Akinori	Center for Research and Development of Educational Technology	Philippine IT Human Resource Development Project （Support Committee）	Jul.4-8
NISHIZAKI,Shinya	Graduate School of Information Science and Engineering	Philippine IT Human Resource Development Project （Support Committee）	Jul.2-8
YAMANAKA, Hiroaki	Interdisciplinary Graduate School of Science and Engineering	Follow-up Cooperation for Ex-perticipants of Disaster Mitigation and Restoration System for Infrastructure	Jul.9-27
MOTOKI, Kentaro	Interdisciplinary Graduate School of Science and Engineering	Follow-up Cooperation for Ex-perticipants of Disaster Mitigation and Restoration System for Infrastructure	Jul.9-27
SAKAI, Etsuo	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jul.16-22
SEKIGUCHI, Hidetoshi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jul.30-Aug.2
KAWASAKI,Junjiro	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jul.30-Aug.3
HINODE,Hirofumi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jul.30-Aug.5
KUBOUCHI, Masatoshi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jul.30-Aug.5
KOSUGE,Hitoshi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jul.30-Aug.5
AIDA,Takashi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jul.30-Aug.5
TANJI, Yasunori	Graduate School of Bioscience and Biotechnology	Project Consultation Team for Southeast Asia Engineering Education Network	Jul.30-Aug.5
IKEDA, Syunsuke	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jul.31-Aug.3
FUCHINO, Testuo	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Aug.1-5
ARAKI,Kiyomichi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Oct.15-18
NISHIHARA,Akinori	Center for Research and Development of Educational Technology	Project Consultation Team for Southeast Asia Engineering Education Network	Oct.15-18
TAKADA, Jun-ichi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Oct.15-18
MUTA,Hiromitsu	Graduate School of Decision Science and Technology	Secondary Evaluation by the Advisory Committee on Evaluation	Oct.29-Nov.4
KAWASAKI,Junjiro	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.20-26
HINODE,Hirofumi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.20-26
TANJI, Yasunori	Graduate School of Bioscience and Biotechnology	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.20-26
KUBOUCHI, Masatoshi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.20-26
IKEDA, Syunsuke	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.20-24
KOSUGE,Hitoshi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.21-26
SUZUKI, Masaaki	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov.22-26
ITO, Mitsuru	Materials and Structures Laboratory	Project Consultation Team for Southeast Asia Engineering Education Network	Jan.7-10
KUBOUCHI, Masatoshi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jan.16-19
MIKI. Chitoshi	Executive Vice President for Education	Formulation Study on Industrial Human Resources Development in the Arab Republic of Egypt	Jan.23-29
ITO, Mitsuru	Materials and Structures Laboratory	Project Consultation Team for Southeast Asia Engineering Education Network	Feb.10-14
TAKADA, Jun-ichi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Feb.25-28
AIDA,Takashi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Mar.04-09
KAWASAKI,Junjiro	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Mar.04-12
HINODE,Hirofumi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Mar.04-2
ARAKI,Kiyomichi	Graduate School of Science and Engineering	Follow-up Project for the University of Science and Technology of Oran	Mar.04-2
ODA, Syunri	Quantum Nano-electronics Reserch Center	Project Consultation Team for Southeast Asia Engineering Education Network	Mar.07-09
P.ATTAVIRIYANU-PAP	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Mar.20-23

NEW FEATURES OF RESEARCH PROGRAMS

TOKYO INSTITUTE OF TECHNOLOGY

NEW FEATURES OF EDUCATION PROGRAMS

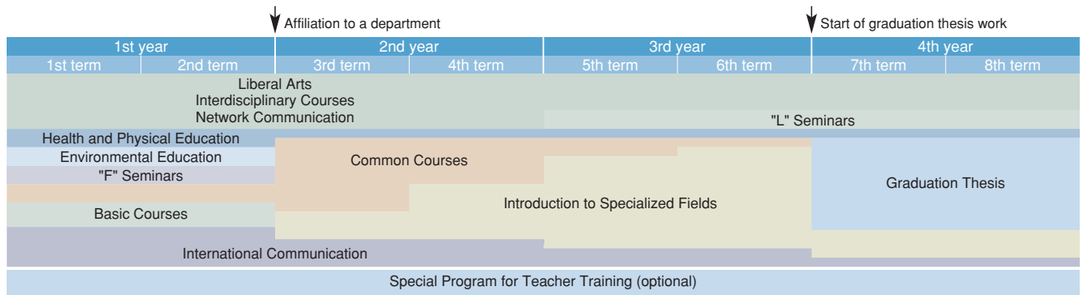
2006 Creativity Education and the Accredited Subjects

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 ●.

- ● Introduction to Creative Design
  Experiments in Physics II
  Field Excursion
- ● Creativity Laboratory in Metallurgy
- ● Ceramics Laboratory I
  Chemical Engineering Laboratory
  Applied Chemistry Laboratory
  Experiments on Fundamentals of Information Systems
- ● Machine Creation
- ● Mechanical Engineering Design Projects
  Mechatronics Laboratory
- ● Training in Laboratories on Control and Systems Engineering
- ● Creative Experiments on Electronic Engineering
  Computer Science Summer Project
- ● Landscape Design
- ● Exercise on civil and enviroumental planning
- ● Infrastructure Planning and Design
  Architectural Deesign and Drawing I
- ● Mechanical Engineering Literacy
- ● Creative Design for Bioscience and Biotechnology
- ● Research Project
- ● Creative Project for Mechanical and Intelligent Systems
- ● Creative Design of Control Systems
- ● Laboratory works in structural mechanics
- ● Laboratory works in geotechnical engineering
- ● Laboratory works in concrete materiais and structures
- ● Architectural Deesign and Drawing IV
- ● Column Land
- ● Column Land 2
  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
  Project Exercise 1 based on Next Generation VLSI Design
  COE-INES Nuclear Energy Exercise I
  COE-INES Nuclear Energy Exercise II
- ● Practice in Nuclear Instrument Design
- ● Built Environmental Laboratory I
- ● Advanced Lecture on Environmental Chemistry and Engineering II
  System Modeling
- ● Mechano-Informatics Project
- ● Transdisciplinary Collaboration Practice
- ● Business Information Systems Project I
- ● Expression in Japanese

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

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 2006				Academic year 2007 (as of May 2007)			
	Tokyo Tech		Tsinghua University		Tokyo Tech		Tsinghua University	
	Admission	Enrollment	Admission	Enrollment	Admission	Enrollment	Admission	Enrollment
Nanotechnology course	5	1	5	6	5	3	5	5
Bioscience and Bioengineering course	5	3	5	5	5	2	5	5
Decision science and technology course	2	2	2	1	2	1	2	2
Total	12	6	12	12	12	6	12	12

NEW FEATURES OF EDUCATION PROGRAMS

TOKYO INSTITUTE OF TECHNOLOGY

INTERNATIONAL COLLABORATION

Academic Cooperation Agreements(University-wide Agreements)

GRADUATE SCHOOLS

Graduate School of Science and Engineering / School of Engineering

(As of May 1, 2007)

Concluded	Partner organization	Country	Area	Remark
1978. 1	University of Washington（Dept. of Architecture, School of Architecture ＆ Urban Planning）	U.S.A.	F.I.	Architecture ＆ Building Eng.
1980. 8	University of Science and Technology, Beijing	China	F.I.	with Interdisciplinary Graduate School of Sci. and Eng.
1986. 9	Beijing Institute of Technology（Dept. of Control Engineering）	China	F.S.I.	Control and Systems Eng.
1989. 9	Tsinghua University（Exchange Association for Material Dynamics）	China	F.S.I.	Mechanical Eng.
1991. 6	Massachusetts Institute of Technology（Dept. of Mechanical Engineering）	U.S.A.	F.S.I.	Control and Systems Eng.
1993. 4	University of the Philippines（Dept. of Civil Eng., TTC, NHRC, SURP）	Philippines	F.S.I.	Civil and Environmental Eng.
1996. 5	Korea Advanced Institute of Science and Technology（KAIST）,（Center for Interface Science and Engineering of Materials）	Korea	F.I.	Inorganic Materials
1996. 5	Massachusetts Institute of Technology（Dept. of Mechanical Engineering）	U.S.A.	F.S.I.	Mechano-Aerospace Eng.
1998. 9	Delft University of Technology	Netherlands	S.	with Graduate School of Decision Sci. and Tech.
1998.11	Chosun University（Factory Automation Reseach Center for Parts of Vehicle）	Korea	F.S.I.	Mechanical Eng.
1999. 4	Seoul National University（School of Mechanical and Aerospace Engineering）	Korea	F.S.I.	Mechanical Eng.
1999. 8	Royal Melbourne Institute of Technology（School of Architecture and Design, Faculty of Infrastructure and Environment）	Australia	F.S.I.	Architecture and Building Eng.
1999. 9	Yonsei University（Department of Chemical Engineering, College of Engineering）	Korea	F.S.I.	International Development Eng.
1999.10	Stanford University（Department of Engineering）	U.S.A.	F.S.I.	Mechanical Eng.
2000. 7	Ecole d’ Architecture de Paris la Villette	France	S.	
2000. 8	Delft University of Technology（Faculty of Architecture）	Netherlands	S.	
2001.10	University of Geneva（Dept. Organic Chemistry ＆ Laboratory of Crystallography）	Switzerland	F.S.I.	Chemical Eng. Applied Chemistry course / Applied Chemistry
2004. 5	Sepuluh Nopember Institute of Technology	Indonesia	F.S.I.	
2004. 9	Delft University of Technology（Dept. of Bio Mechanical Engineering, Delft Center for Systems and Control）	Netherlands	S.	Mechanical Sci. and Eng., Mechanical and Control Eng., Mechanical and Aerospace Eng.
2005. 4	University of Minnesota（Institute of Technology）	U.S.A.	S.	
2005. 4	Imperial College London（Faculty of Engineering）	U.K.	S.	
2005. 4	University of Cambridge（Department of Engineering）	U.K.	S.	
2005. 6	Korea University（Division of Materials Science and Engineering）	Korea	F.S.I.	Metallurgy and Ceramics Sci.
2005. 9	De La Salle University（Dept. of Chemical Engineering）	Philippines	F.S.I.	Chemical Eng.
2006. 1	University of Oxford（Department of Engineering and Science）	U.K.	S.	
2006. 4	Monash University（Faculty of Engineering）	Australia	F.S.I.	
2006. 4	Victoria University of Wellington（Faculty of Science）	New Zealand	F.S.I.	
2006. 4	Government of People’s Democratic Republic of Laos	Laos	F.I.	International Development Eng. with Global Scientific Information and Computing Center
2006. 5	Rice University（Electrical and Computer Eng.）	U.S.A.	F.S.I.	with Imaging Sci. ＆ Eng. Lab.
2006. 9	Thammasat University（Sirindhorn International Institute of Technology）	Thailand	F.S.I.	Chemical Eng.
2006. 9	Al-Farabi Kazakh National University	Kazakhstan	F.S.I.	Chemical Eng.
2006. 9	Kazakh-British National University	Kazakhstan	F.S.I.	Chemical Eng.
2007. 3	Asia-Oceania Top University League on Engineering（AOTULE）	Asia-Pacific	F.S.I.	
2007. 4	Massachusetts Institute of Technology（Dept. of Mechanical Engineering）	U.S.A.	F.S.I.	with Graduate School of Information Sci. and Eng.

Graduate School of Bioscience and Biotechnology

Concluded	Partner organization	Country	Area	Remark
2005. 9	South African Institute for Aquatic Biodiversity	South Africa	F.S.I.	
2006. 4	Tanzania Fisheries Research Institute	Tanzania	F.I.	
2006. 9	National Yang-Ming University（School of Life Sciences）	Taiwan	F.S.I.	

Interdisciplinary Graduate School of Science and Engineering

Concluded	Partner organization	Country	Area	Remark
1996. 6	University of Twente（Dept. of Chemical Technology）	Netherlands	S.	
1999. 7	Politecnico di Torino	Italy	F.S.I.	
2001. 5	Ludwig-Maximilian-Universität Munchen（Humanwissenschaftliches Zentrum）	Germany	F.S.I.	
2005. 2	George Mason University（Center for Social Complexity）	U.S.A.	F.S.I.	
2006. 7	Universität Kassel	Germany	F.S.I.	

Graduate School of Information Science and Engineering

Concluded	Partner organization	Country	Area	Remark
1997. 9	Linkoping University	Sweden	S.	
2006. 7	Gotland University（Dep. Of Technology,Art and Media）	Sweden	F.S.	

INTERNATIONAL COLLABORATION

INTERNATIONAL COLLABORATION

Graduate School of Decision Science and Technology

Concluded	Partner organization	Country	Area	Remark
2001. 9	Tsinghua University（Center of Science , Technology and Society）	China	F.S.I.	Industrial Eng. and Management
2006. 1	Seoul National University（School of Economics）	Korea	F.S.I.	Social Eng.
2006. 4	Seoul National University（School of Economics）	Korea	F.S.I.	

RESEARCH LABORATORIES

Precision and Intelligence Lab.

(As of May 1, 2007)

Concluded	Partner organization	Country	Area	Remark
2000. 7	Forschungszentrum Karlsruhe GmbH	Germany	F.I.	
2005.10	Shanghai University（Precision Machinery Institute）	China	F.I.	

Materials and Structures Lab.

Concluded	Partner organization	Country	Area	Remark
1996. 5	Seoul National University（Center for Molecular Catalysis）	Korea	F.I.	
2003. 2	Sardar Patel University（Department of Materials Science）	India	F.I.	
2005.11	National Central University（Research Center for Hazard Mitigation and Prevention）	Taiwan	F.I.	Structural Engineering Research Center

Research Lab. for Nuclear Reactors

Concluded	Partner organization	Country	Area	Remark
1992. 8	Russian Scientific Center Kurchatov Institute	Russia	F.I.	
1993. 8	Korea Advanced Institute of Science and Technology（KAIST）,（Center for Advanced Reactor Research）	Korea	F.I.	
1997. 6	Indonesian National Atomic Energy Agency	Indonesia	F.I.	
1998. 1	Obninsk Institute of Nuclear Power Engineering	Russia	F.S.I.	
1998. 2	Forschungszentrum Karlsruhe GmbH	Germany	F.I.	
2005.11	Cranfield University（Dept. of Power, Propulsion and Aerospace Engineering, School of Engineering）	U.K.	F.S.I	

TOKYO INSTITUTE OF TECHNOLOGY

RESEARCH AND SERVICE CENTERS

Global Scientific Information and Computing Center

(As of May 1, 2007)

Concluded	Partner organization	Country	Area	Remark
2002.12	Environment Canada（Numerical Prediction Research Division）	Canada	F.I.	
2003. 1	University of Carifornia, San Diego（San Diego Supercomputer Center）	U.S.A.	F.I.	
2005.12	Asian Institute of Technology（School of Engineering and Technology）	Thailand	F.I.	

International Student Center

Concluded	Partner organization	Country	Area	Remark
2003.12	Dalian University of Technology（Foreign Language School）	Canada	F.I.	
2007. 3	University of Ljubljana（Faculty of Arts）	Slovenia	F.S.I.	

Research Centre for Carbon Recycling and Energy

Concluded	Partner organization	Country	Area	Remark
2006.12	Cranfield University（Power,Propulsion and Aerospace Eng.）	U.K.	F.S.I.	

Quantum Nanoelectronics Research Center

Concluded	Partner organization	Country	Area	Remark
1994. 9	Paul-Drude-Institut für Festkorperelektronik	Germany	F.I.	

Center for Research into Innovative Nuclear Energy Systems

Concluded	Partner organization	Country	Area	Remark
2006. 2	Massachusetts Institute of Technology（Center for Advanced Nuclear Energy Systems）	U.S.A.	F.S.I.	

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

Tokyo Tech-Tsinghua Cooperation Office" opened in October 2006

Tokyo Institute of Technology and Tsinghua University, Beijing, China, have worked together as partners in a joint graduate course program since 2004. To support and promote the program, Tokyo Tech recently opened the "Tokyo Tech-Tsinghua Cooperation Office" on the Tsinghua University campus. It is Tokyo Tech's third overseas office, following the Thailand Office in 2002 and the Philippines Office in 2005.

INTERNATIONAL COLLABORATION

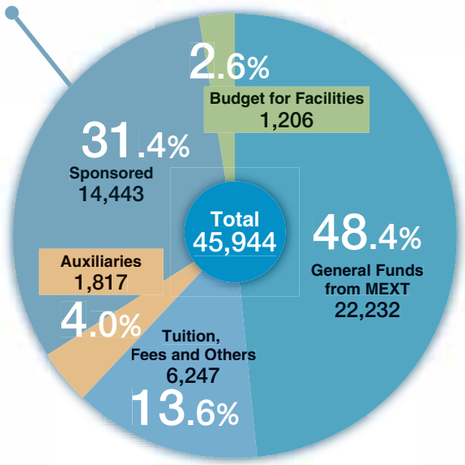
TOKYO INSTITUTE OF TECHNOLOGY

FINANCIAL DATA

Budget FY2007

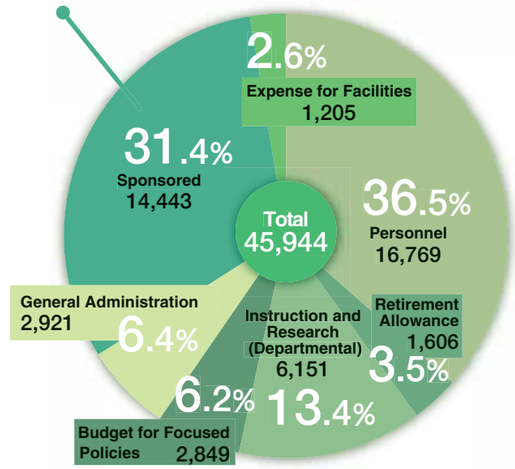
Revenue (Unit: million yen)

Sponsored Funds consisting of grants and donations
- Donation for Research 997
- Sponsored/ Collaborative Research 6,853
- Grants 6,593



Expenditure (Unit: million yen)

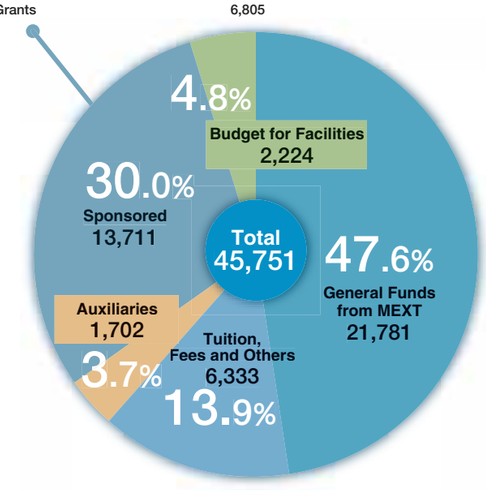
Sponsored Funds consisting of grants and donations
- Donation for Research 997
- Sponsored/ Collaborative Research 6,853
- Grants 6,593



Final Accounts FY2006

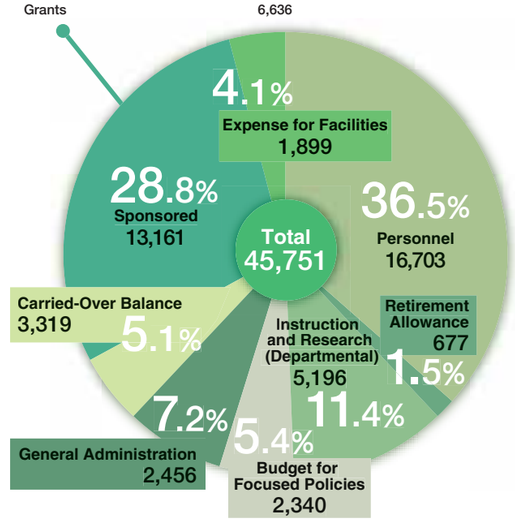
Revenue (Unit: million yen)

Sponsored Funds consisting of grants and donations
- Donation for Research 974
- Sponsored/ Collaborative Research 5,932
- Grants 6,805



Expenditure (Unit: million yen)

Sponsored Funds consisting of grants and donations
- Donation for Research 927
- Sponsored/ Collaborative Research 5,598
- Grants 6,636



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
2006	862	1,037,816	294	4,737,492 (484,671)	368	1,513,580 (317,323)	978	4,947,213 (625,438)	12,236,101

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

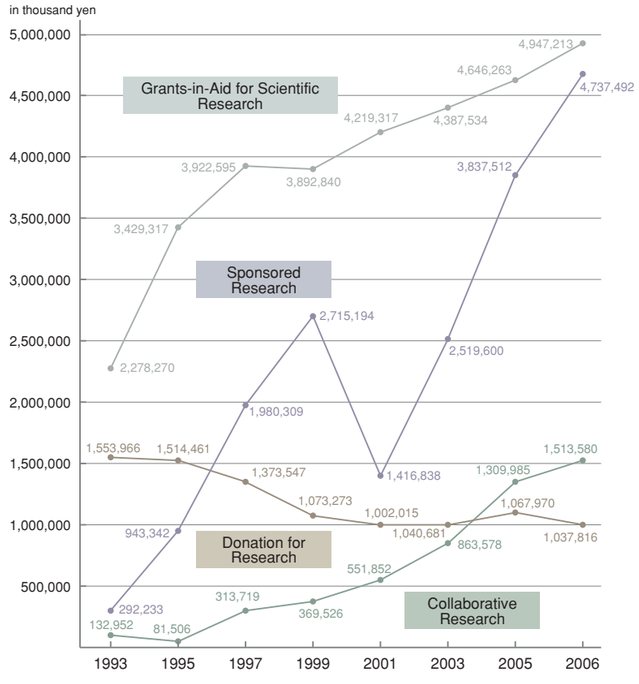
Grants-in-Aid for Scientific Research

FY2005

Area of Research	Number of Projects	Research Fund (in thousand yen)
Grant-in-Aid for Specially Promoted Research	1	44,850 (10,350)
Grant-in-Aid for Scientific Research on Priority Areas	109	1,081,400
Grant-in-Aid for Scientific Research (S)	21	431,470 (99,570)
Grant-in-Aid for Scientific Research (A)	53	832,000 (192,000)
Grant-in-Aid for Scientific Research (B)	173	960,650 (128,250)
Grant-in-Aid for Scientific Research (C)	119	178,679
Grant-in-Aid for Exploratory Scientific Research	86	131,253
Grant-in-Aid for Young Scientists (A)	30	263,893 (60,898)
Grant-in-Aid for Young Scientists (B)	168	235,106
Grant-in-Aid for Young Scientists(Start-up)	10	13,060
Grant-in-Aid for Special Purposes	1	1,300
Grant-in-Aid for Creative Scientific Research	6	582,270 (134,370)
Grants-in-Aid for JSPS Fellows	201	191,282
Sum total	978	4,947,213 (625,438)

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



FINANCIAL DATA

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

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
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

TOKYO INSTITUTE OF TECHNOLOGY

HISTORY

Development of the Institute

(As of May 1, 2007)

	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	1,181	1,322 (30)	1,671	543	370	566,544	430,079	904,293
2007	1,068	—	1,322 (30)	—	543	—	566,544	430,171	771,001

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

History

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

1890 March
Tokyo Vocational School was renamed Tokyo Technical School.

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

1929 April
The status of Tokyo 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.

2006 December
The Center for Photonic Nano-Device Integrated Engineering was established.

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

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

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

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

MEMBERS OF THE BOARD, COMMITTEES, AND COUNCIL

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NISHIMURA, Yoshio	Auditor

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YOSHIKAWA, Akira	Director-General

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KONDOU, Ken-ichi	Director, Materials and Structures Laboratory
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TANABE, Koji	Professor, Graduate School of Innovation Management
HATTORI, Takakazu	Professor, Foreign Language Research and Teaching Center

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TAKI, Hisao	President, NKB Inc
TANAKA, Minoru	Former Senior Adviser, Nisshin Steel Co.,Ltd. President, Tokyo Tech Alumni Association (Kuramae Kougyoukai)
NAKAJIMA, Kunio	President, Japan Chemical Innovation Institute
FUJISHIMA, Akira	Chairman of the Board, Kanagawa Academy of Science and Technology
OKA, Makoto	Dean, Graduate School of Science
OKAZAKI, Ken	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
IZAWA, Tatsuo	Executive Vice President for Research

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OKAZAKI, Ken	Dean, Graduate School of Science and Engineering Dean, Graduate School of Engineering Dean, School of Engineering
HIROSE, Shigehisa	Dean, Graduate School of Bioscience and Biotechnology Dean, School of Bioscience and Biotechnology
MISHIMA, Yoshinao	Dean, Interdisciplinary Graduate School of Science and Engineering
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HIDANO, Noboru	Dean, Graduate School of Decision Science and Technology
ENKAWA, Takao	Dean, Graduate School of Innovation Management
YOSHIDA, Masasuke	Director, Chemical Resources Laboratory
YOKOTA, Shinichi	Director, Precision and Intelligence Laboratory
KONDOU, Ken-ichi	Director, Materials and Structures Laboratory
ARITOMI, Masanori	Director, Research Laboratory for Nuclear Reactors
TAKAHASHI, Yukio	Director, Institute Library
ICHIMURA, Teijirou	Principal, Tokyo Tech High School of Science and Technology

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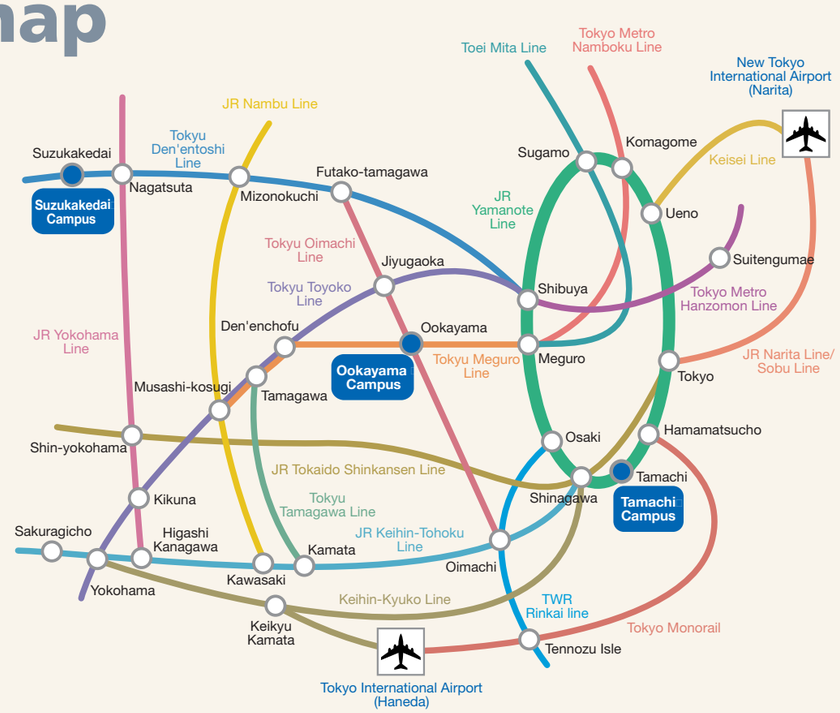
HASHIMOTO, Miyoshi	Director, General Affairs Department
YOSHINAGA, Tatsuo	Director, Finance Department
ITO, Tadashi	Director, Student Service Department
SATOU, Masahiro	Director, Facilities Department
HORIE, Shigeo	Director, Research Cooperation Department
TSUKADA, Yoshihiko	Director, Academic Information Department
SUEISHI, Ken	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