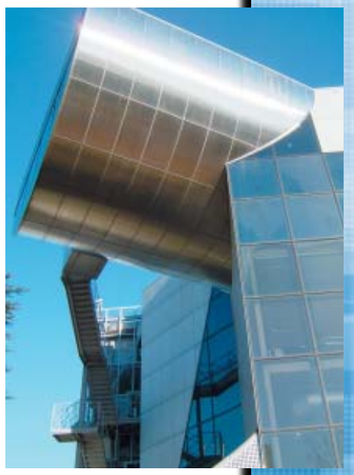


Center for Public Relations and Coordination
National University Corporation Tokyo Institute of Technology
2-12-1 Ookayama, Meguro-ku, Tokyo, 152-8550, JAPAN
TEL: +81-3-5734-2975 FAX :+81-3-5734-3661 http://www.titech.ac.jp/

TOKYO INSTITUTE OF TECHNOLOGY

2005 PROFILE

Leading the world in science and technology, Tokyo Institute of Technology continues to evolve.

Tokyo Tech is committed to

1. Producing world-class graduates,

2. Creating world-class knowledge, and

3. Contributing to society through the utilization of knowledge.

Tokyo Tech seeks to

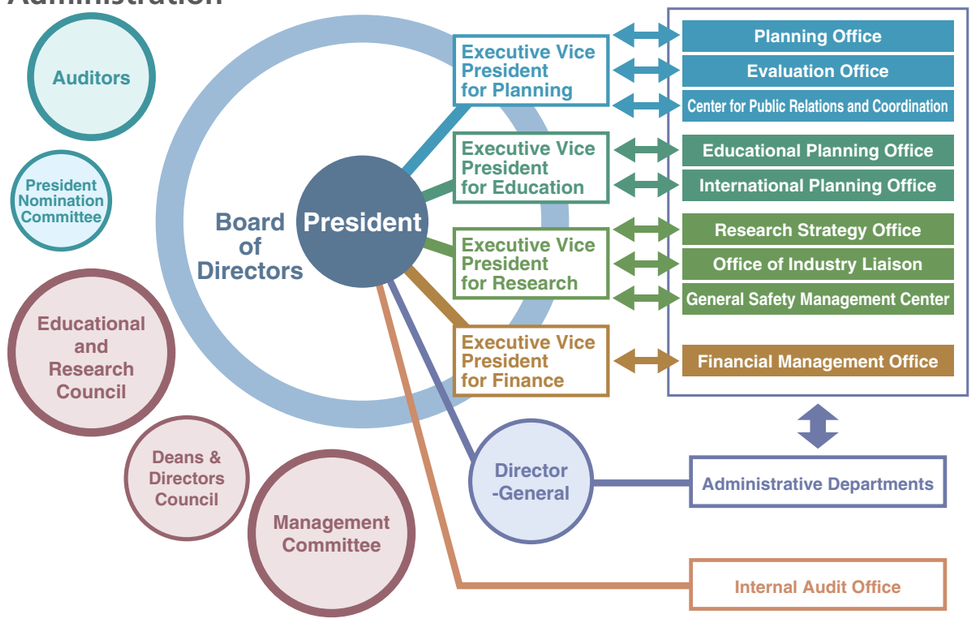
maintain the highest standard in its every mission.

The logo of Tokyo Institute of Technology (designed by Prof. Shinji Hori in 1948)

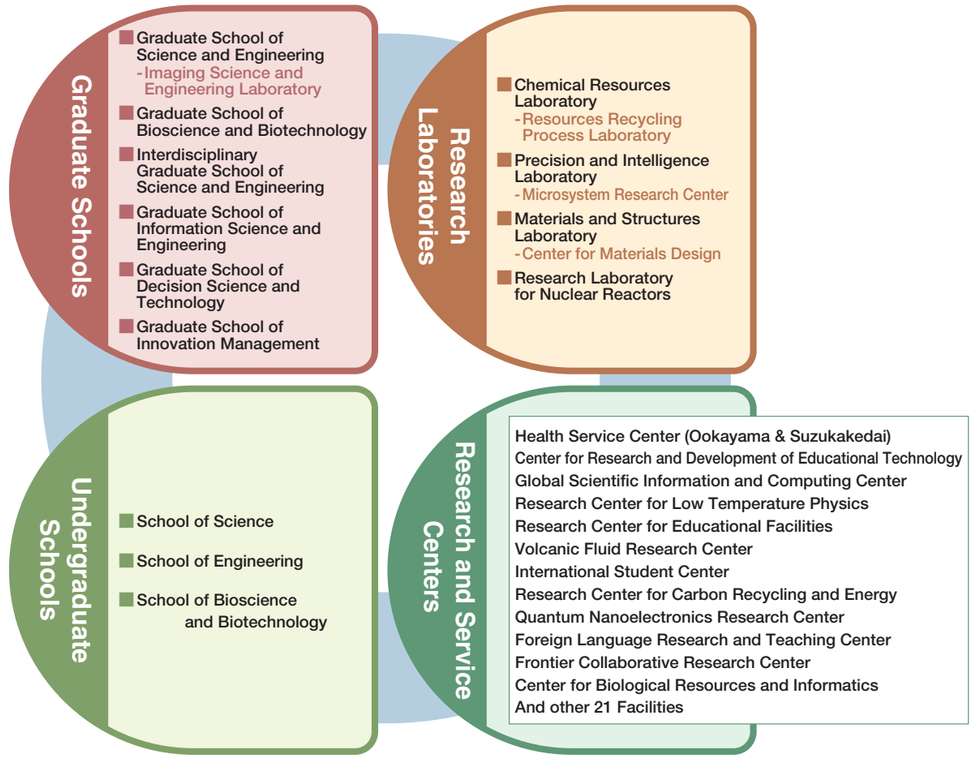
The white portion represents the Japanese character [工], which is the first character of 'engineering' (工業).
The black part represents the Japanese character [大], which is the first character of 'university' (大学).
This figure also symbolizes a swallow, which the Japanese regard a bird of good-luck.

NATIONAL UNIVERSITY CORPORATION TOKYO INSTITUTE OF TECHNOLOGY

Administration



Academics



Tokyo Tech High School of Science and Technology | **Institute Libraries** | **Technical Department**

CONTENTS

GRADUATE COURSES

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

(As of May 1, 2005)

Mathematics

Research Fields
Theory of Algebraic Structures, Algebraic Geometry, Geometry, Topology, Analysis, Global Mathematics
http://www.math.titech.ac.jp/welcome-e.html

Physics (Particle, Nuclear and Astro-Physics)

Research Fields
Particle, Nuclear and Astro-Physics, Interdisciplinary Research in Fundamental Physics
http://www.phys.titech.ac.jp/kiso/index_e.html

Physics (Condensed Matter Physics)

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

Research Fields
Chemistry of Condensed Matter, Molecular Science, Organic Chemistry, Environmental Chemistry, Global Energy Chemistry*, Volcano Chemistry*
http://www.chemistry.titech.ac.jp/index-e.html

Earth and Planetary Sciences

Research Fields
Earth and Planetary Physics, Evolution of Earth and Planets, Origin of Solar System, Planetary Exploration
http://www.geo.titech.ac.jp/index-e.html

Chemistry and Materials Science

Research Fields
Material Structure, Chemical Transformations, Materials Design, Functional Materials
http://www.cms.titech.ac.jp/index-e.html

Metallurgy and Ceramics Science

Research Fields
Metal Physics, Metal Chemistry, Design of Alloys and Materials, Inorganic Functional Materials, Inorganic Environmental Materials, Ceramic Matrix Composites
http://www.macs.titech.ac.jp/mat-welcome_e.html

Organic and Polymeric Materials

Research Fields
Polymer Science, Soft Materials Science, Organic and Polymeric Materials
http://www.op.titech.ac.jp/index_e.html

Applied Chemistry

Research Fields
Molecular Functions Design, Chemical Reactions Design
http://www.apc.titech.ac.jp/apc-e.html

Chemical Engineering

Research Fields
Process Analysis, Process Design, Process Operation, Information Analysis*
http://www.chemeng.titech.ac.jp/index.html

Mechanical Sciences and Engineering

Research Fields
Thermal and Fluid Science, Dynamics Engineering, Design Engineering, Manufacturing Technology and Science, Mechanics of Solids and Structures, Environmentally Assisted Cracking and Management***, International Cooperation**
http://www.mech.titech.ac.jp/graduate/home-e.html

Mechanical and Control Engineering

Research Fields
Creation for Intelligent Arts, Applied Materials and Mechanics, Energy Engineering, System Dynamics, Measurement and Control, Systems Control, Global Environment Engineering*
http://www.mech.titech.ac.jp/graduate/home-e.html

Mechanical and Aerospace Engineering

Research Fields
Advanced Thermo-Fluid Dynamics, Structural Design, Mechano-Creation
http://www.mech.titech.ac.jp/graduate/home-e.html

Electrical and Electronic Engineering

Research Fields
Autonomous Systems Engineerig, Power Electronics Engineering, Communications and Transmissions Engineering, Photonic Devices Engineering*
http://www.ee.titech.ac.jp/index.html

Physical Electronics

Research Fields
Advanced Electronics, Electrical and Electronic Materials Engineering, Integrated Devices, Quantum Device Physics*
http://web.pe.titech.ac.jp/index.html

Communications and Integrated Systems

Research Fields
Information System, High-Performance Integrated Systems, Communication Systems, Intelligent Networks*
http://www.ss.titech.ac.jp/index.html

Civil Engineering

Research Fields
Construction Engineering, Environmental Engineering, Infrastructure Planning, Infrastructure Development**, Safety Infrastructure System**
http://www.cv.titech.ac.jp/e/index.html

Architecture and Building Engineering

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*
http://www.arch.titech.ac.jp/arch/etop.html

International Development Engineering

Research Fields
International Environment Engineering, International Infrastructure Engineering, Industrial Development System Engineering, International Co-Existence*
http://www.ide.titech.ac.jp/index.html

Nuclear Engineering

Research Fields
Nuclear Energy*, Nuclear Materials*, Nuclear Systems and Safety*, Nuclear Back-Ends Engineering**, Innovative Nuclear Reactors**
http://www.nr.titech.ac.jp/Graduate/index-e.html

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

Research Fields
Image Recording, Image Analysis, Imaging System, Applied Imaging, Intelligent System, Information Techno-City Frontier Systems***
http://www.isl.titech.ac.jp/index.html

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.

TOKYO INSTITUTE OF TECHNOLOGY

GRADUATE COURSES

Graduate School of Bioscience and Biotechnology (5 Departments)

(As of May 1, 2005)

Life Science

Research Fields
Biodynamics, Structure and Function of Biomolecules, Bioinformation and Regulation, Life Science Frontier*, Molecular and Cellular Genomics*, Advanced Bioscience**
http://www.bio.titech.ac.jp/LS-E/

Biological Sciences

Research Fields
Biological Information and Biogenesis, Evolution and Comparative Biology, Cellular and Developmental Biology, Bioinformatics and Gene Research*
http://www.bio.titech.ac.jp/BS-E/

Biological Information

Research Fields
Bioinformation and Medical Science, Bioregulation Sciences, Bioinformation Engineering, Bioinformation and Bioregulation*, Bioregulation Networks**
http://www.bio.titech.ac.jp/BI-E/

Bioengineering

Research Fields
Cellular and Molecular Bioengineering, Biomolecular Process Engineering, Functional Bioengineering, Cellular and Biological Engineering*
http://www.bio.titech.ac.jp/B-E/

Biomolecular Engineering

Research Fields
Biomaterial Physics, Biomaterial Design, Biofunctional Engineering, Functional Genomics, Pharmacogenomics, Medicinal Biology, Computational Biology/Chemistry*, Bioorganic Chemistry*, Advanced Biofunctional Engineering**
http://www.bio.titech.ac.jp/BE-E/

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, 2005)

Innovative and Engineered Materials

Research Fields
Environmental Materials Engineering and Science
Research Fields*
Highly Functional Materials Engineering and Science, Transient Phase Material Science and Engineering
http://www.iem.titech.ac.jp/english/

Electronic Chemistry

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

Materials Science and Engineering

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

Environmental Science and Technology

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

Built Environment

Research Fields
Safety and Amenity Evaluation, Urban Planning and Management, New Frontier Environment
Research Fields*
Urban Space, Urban Infrastructures, Landscape Engineering, Environmental Facility System
http://www.enveng.titech.ac.jp/index-e.html

Energy Sciences

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

Environmental Chemistry and Engineering

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

Electronics and Applied Physics

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

Mechano-Micro Engineering

Research Fields
Functionality Creation
Research Fields*
Precision Devices, Advanced Mechatronics
http://www.pms.titech.ac.jp/English/index.html

Computational Intelligence and Systems Science

Research Fields
Intelligent Systems, Complex Systems, Emergent Systems
Research Fields*
Computational Perception and Recognition, Neural Information Processing, Brain Science, Production System, Systems Analysis
http://www.dis.titech.ac.jp/index_e.html

Information Processing

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

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 Information Science and Engineering (3 Departments)

(As of May 1, 2005)

Mathematical and Computing Sciences

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

Computer Science

Research Fields

Integrated Information Systems (Software Environments, Multi-Media Information Processing), Computer Systems (Dependable Computer Systems, Asynchronous Concurrent Systems), Software Engineering (Software Design, Computational Logic), Intelligent Systems (Knowledge Engineering, Inference Systems, Computational Linguistics, Pattern Recognition)
http://www.cs.titech.ac.jp/cs-home-e.html

Mechanical and Environmental Informatics

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

Graduate School of Decision Science and Technology (4 Departments)

(As of May 1, 2005)

Human System Science

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

Value and Decision Science

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)
http://www.valdes.titech.ac.jp/Welcome.html

Industrial Engineering and Management

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

Social Engineering

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

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, 2005)

Management of Technology ****

Research Fields

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

Innovation *****

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

Research Laboratories

(As of May 1, 2005)

Chemical Resources Laboratory

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, Photofunctional Chemistry, Smart Material
http://www.res.titech.ac.jp/cgi-bin/index.cgi

Resources Recycling Process Laboratory

Basic and applied research on recycling of natural resources, and promotes collaborative research in their related fields.
http://www.res.titech.ac.jp/~junkan/english/index.html

Precision and Intelligence Laboratory

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

Microsystem Research Center

Basic Research on Devices and Systems toward Ultrahigh Speed Lightwave Communications and Ultraparallels Opto-Electronics.
http://vcsel-www.pi.titech.ac.jp/index-e.html

Materials and Structures Laboratory

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), Structural Engineering (Structural Design, Materials for Ultimate Environment, Materials for Disaster Prevention, Materials for Building Structure), Application of New Functions, Superstructure Analysis, Material Integration
http://www.msl.titech.ac.jp/english/index.html

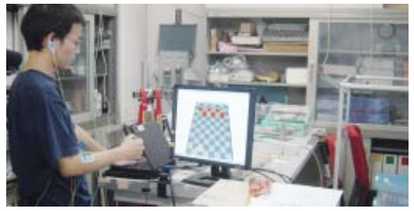
Center for Materials Design

Property Development and Reliability Increase in Ceramics using Boundary Design Technology as Carbon Alloys, Soft Solution Process, Super Plasticity, Probe Microscopy.
http://www.msl.titech.ac.jp~design/index_e.html

Research Laboratory for Nuclear Reactors

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



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, 2005)

Mathematics

Major Study Fields

Introduction to Algebra, Algebra, Geometry, Topology, Advanced Calculus, Real Analysis, Complex Analysis, Set and Topology
http://www.math.titech.ac.jp/welcome-e.html

Physics

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

Chemistry

Major Study Fields

Physical Chemistry, Analytical Chemistry, Inorganic Chemistry, Organic Chemistry, Chemical Safety, Geochemistry, Natural Product Chemistry, Chemical Information
http://www.chem.titech.ac.jp/index-e.html

Information Science

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

Earth and Planetary Sciences

Major Study Fields

Geophysics, Space Physics, Planetary Physics, Geology, Petrology, Geochemistry, Cosmochemistry
http://www.geo.titech.ac.jp/index-e.html

School of Engineering (16 Departments)

(As of May 1, 2005)

Metallurgical Engineering

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

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

Inorganic Materials

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

Chemical Engineering

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

Polymer Chemistry

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

Mechanical Engineering and Science

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

Mechanical and Intelligent Systems Engineering

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

Mechano-Aerospace Engineering

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

Control and Systems Engineering

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

Industrial and Systems Engineering

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

Electrical and Electronic Engineering

Major Study Fields

Electricity and Magnetism, Circuit Theory, Electric Machinery, Control Engineering, Semiconductor Physics, Electronic Devices, Communication Engineering, Algorithms and Programming
http://www.u.ee.titech.ac.jp/index.html

Computer Science

Major Study Fields

Fundamentals of Computing, Data Structures and Algorithms, Computer Architecture, Operating System, Programming, Electronic Circuits, Communications and Networks, Signal Processing
http://www.cs.titech.ac.jp/~csu/index.html

Civil and Environmental Engineering

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

Architecture and Building Engineering

Major Study Fields

Architectural Design & Drawing, History of Architecture, Visual Design, Architectural Planning, Structural Mechanics & Design, Building Materials, Environmental Engineering, Geotechnical Engineering
http://www.arch.titech.ac.jp/arch/etop.html

Social Engineering

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

International Development Engineering

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

School of Bioscience and Biotechnology (2 Departments)

(As of May 1, 2005)

Bioscience

Major Study Fields

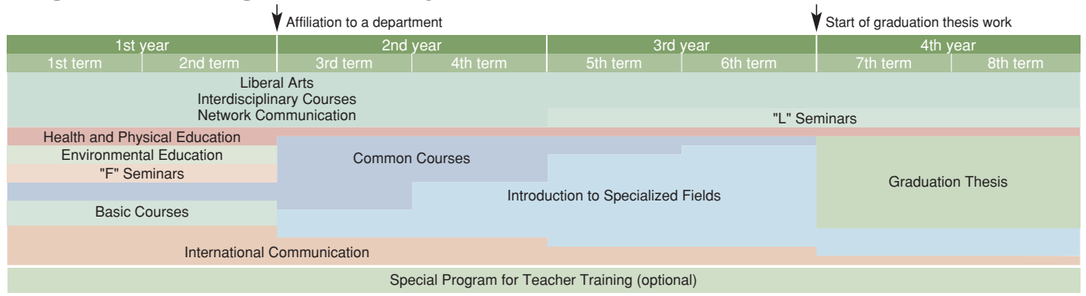
Biochemistry, Cell Biology, Science of Biological Information, Developmental Biology, Biophysical Chemistry, Bioorganic Chemistry
http://www.bio.titech.ac.jp/bioscience/

Biotechnology

Major Study Fields

Biofunctional Engineering, Biochemical Engineering, Genetic Engineering, Cellular Engineering, Biomaterial Engineering, Molecular and Cellular Biology
http://www.bio.titech.ac.jp/biotechnology/

Program of Undergraduate Study



RESEARCH AND SERVICE CENTERS

Health Service Centers

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

Main Activities

Research, development and the application of methods in educational technology for the improvement of education.
http://www.cradle.titech.ac.jp/index.html

Global Scientific Information and Computing Center

Main Activities

Administers the supercomputing facility 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.
http://www.gsic.titech.ac.jp/English/index.html

Research Center for Low Temperature Physics

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

Research Center for Educational Facilities

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

Volcanic Fluid Research Center

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

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

Research Center for Carbon Recycling and Energy

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

Quantum Nano-electronics Research Center

Main Activities

Research on photonic and electronic devices, opto-electronic devices using nanotechnology, quantum effects, developments of crystal growth and processing technologies, physics in quantum effect devices, and designing of integrated systems.
http://www.pe.titech.ac.jp/qee_root/jp/index.html

Foreign Language Research and Teaching Center

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

Frontier Collaborative Research Center

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.
http://www.fcrc.titech.ac.jp/top_page-e.htm

Center for Biological Resources and Informatics

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.
http://www.grc.bio.titech.ac.jp/e.html

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

Institute Libraries (Ookayama Library and Suzukakedai Library)

The Institute Libraries, boasting the foremost collection in Japan of science and technological journals, have served as one of the government-appointed National Centers of Overseas Periodicals in these fields since 1977. The libraries annually collect in excess of 2,000 worldwide journals and conference proceedings to support and facilitate users both on and off campus. In addition, an electronic library service has been available since 1998 with the establishment of an e-library system (TDL).

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

Tokyo Tech High School of Science and Technology

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

(As of May 1, 2005)

	Technical High School				
	Admission	Enrollment			
		1st year	2nd year	3rd year	Total
Science and Technology -present-	200	194 (17)	—	—	194 (17)
Mechanical Engineering -fomer-	—	—	41 (1)	38	79 (1)
Electrical Engineering -fomer-	—	—	30 (3)	30 (3)	60 (6)
Electronics Engineering -fomer-	—	—	43 (4)	37 (2)	80 (6)
Industrial Chemistry -fomer-	—	—	40 (9)	39 (7)	79 (16)
Architecture & Building Engineering -fomer-	—	—	39 (8)	40 (10)	79 (18)
Total	200	194 (17)	193 (25)	184 (22)	571 (64)

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.

Dormitories for International Students

The Institute has two dormitories for international students, Shofu Dormitory and Umegaoka Dormitory. They are located in Aoba-ku, Yokohama, near to Aobadai Station and Fujigaoka Station, respectively.

Dormitory for Japanese male Students

Shofu Gakusha, located next to Shofu Dormitory, is a dormitory for Japanese male students of Tokyo Tech.

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 people	10	40
		Single	50	12.5
Shofu Dormitory	International Students	2 people	5	40
		Single	46	12.5-13.75
Shofu Gakusha	Japanese Students	Single	144	13

International House

Shofu Dormitory and Shofu Gakusha

Umegaoka Dormitory

STAFF/STUDENT NUMBERS

Number of Staff

(As of May 1, 2005)

		The Board			Research and Teaching Staff									Office and Technical Staff				Total
		President	Executive Vice President	Auditor	Professor	Associate Professor	Lecturer	Assistant Professor	Research Associate	Sub Total	High School Teacher	High School Assistant	Sub Total	Office Staff	Technical Staff	Others	Sub Total	
The Board		1	4	2														7
Graduate School	Science and Engineering (Science)				47	36		59	3	145					2		2	147
	Science and Engineering (Engineering)				105	106		126	2	339					37		37	376
	Bioscience and Biotechnology				22	22	4	37	3	88					9		9	97
	Interdisciplinary Graduate School of Science and Engineering				51	42	11	37	3	144					2		2	146
	Information Science and Engineering				27	24	1	22		74					3		3	77
	Decision Science and Technology				28	25	2	23		78					1		1	79
	Innovation Management				9	3				12								12
Chemical Resources Laboratory					13	10	2	24		49					4		4	53
Precision and Intelligence Laboratory					14	14		20		48					13		13	61
Materials and Structures Laboratory					12	10	3	9		34					3		3	37
Research Laboratory for Nuclear Reactors					11	11		14		36					7		7	43
Research and Service Centers					38	36	4	14	2	94					4	2	6	100
High School of Science and Technology											45	9	54					54
Administration Bureau														452	2	6	460	460
Total		1	4	2	377	339	27	385	13	1,141	45	9	54	452	87	8	547	1,749

Project-based/Adjunct Staff

(As of May 1, 2005)

		including	Professor	Associate Professor	Lecturer	Total	Visiting Professor I	Visiting Associate Professor I	Total	Visiting Professor II	Visiting Associate Professor II	Total
Instructors (including professors)	54	→	20	9		29						
Researchers (including research professors)	113	→	2	1	1	4						
Lecturers	181	→	34	5		39	54	49		25	14	
Teaching Associates on Projects	41											
Technical Personnel on Projects	22											
Research Associates on Projects	20											
Project-Supporting Staff	539											
Total	970	Total	56	15	1	72	54	49	103	25	14	39

Research Staff in 2004

	Researchers from Industrial Firms (Sponsored Research)	Researchers from Industrial Firms (Collaborative Research)	Researchers from Private Universities	Researchers under the In-service Program of Science Education for High School Teachers	Project Researchers	Researchers under the In-service Program of Industrial Education for Primary and Secondary School Teachers	JSPS Postdoctoral Fellow				Total
							PD	DC2	DC1	Total	
Graduate School of Science and Engineering (Science)	1	5					15	12	9	36	42
Graduate School of Science and Engineering (Engineering)	11	44					6	14	3	23	78
Graduate School of Bioscience and Biotechnology	1	20					2	5	6	13	34
Interdisciplinary Graduate School of Science and Engineering	2	16					2	2	2	6	24
Graduate School of Information Science and Engineering			1				2	1		3	4
Graduate School of Decision Science and Technology	2					1	1	2		3	6
Chemical Resources Laboratory	1	12					1	3	1	5	18
Precision and Intelligence Laboratory	4	12				1		3	5	8	25
Materials and Structures Laboratory	1	9					3	3	4	10	20
Research Laboratory for Nuclear Reactors		8					2	1		3	11
Center for Research and Development of Educational Technology				1							1
Global Scientific Information and Computing Center		2									2
Research Center for Carbon Recycling and Energy									1	1	1
Quantum Nanoelectronics Research Center					1			2		2	3
Frontier Collaborative Research Center		16					1		3	4	20
Total	23	144	1	1	1	2	35	48	34	117	289

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

Visiting Researchers in 2004

Affiliation	
Graduate School of Science and Engineering (Science)	17
Graduate School of Science and Engineering (Engineering)	80
Graduate School of Bioscience and Biotechnology	5
Interdisciplinary Graduate School of Science and Engineering	26
Graduate School of Information Science and Engineering	20
Graduate School of Decision Science and Technology	14
Chemical Resources Laboratory	13
Precision and Intelligence Laboratory	8
Materials and Structures Laboratory	9
Research Laboratory for Nuclear Reactors	15
Center for Research and Development of Educational Technology	1
Global Scientific Information and Computing Center	1
Research Center for Carbon Recycling and Energy	1
Quantum Nanoelectronics Research Center	1
Center for Research in Advanced Financial Technology	1
Frontier Collaborative Research Center	4
Total	216

Countries		
Asia	China	45
	Korea	33
	Thailand	17
	India	8
	Indonesia	7
	Philippines	6
	Malaysia	4
	Bangladesh	3
	Sri Lanka	3
	Vietnam	3
	Japan	2
	Pakistan	1
	Singapore	1
	Mongolia	1
Middle East	Iran	3
	Israel	1
Africa	Egypt	1
	Tunisia	1

Countries		
North America	U.S.A.	11
	Canada	4
Central and South America	Cuba	1
	Brazil	4
	Mexico	1
Europe	Germany	14
	France	11
	Russia	7
	U.K.	7
	Poland	4
	Greece	4
	Netherlands	2
	Italy	2
	Finland	1
	Bulgaria	1
	Romania	1
	Spain	1
Total (35 countries)		216

Graduates

(As of May 1, 2005)

		Master's Course								Master's Course Total	Doctoral Course									Doctoral Course Total
		Admission Quota	Enrollment								Admission Quota	Enrollment								
			1st year		2nd year		Total					1st year		2nd year		3rd year		Total		
			M	F	M	F	M	F				M	F	M	F	M	F	M	F	
Graduate School of Science and Engineering	Mathematics	22	13	1	24	2(1)	37	3(1)	40(1)		8	8		2		8	1	18	1	19
	Physics (Particle, Nuclear and Astro-Physics)	23	25	6	32	3	57	9	66		8	12		7	1	13		32	1	33
	Physics (Condensed Matter Physics)	35	37	4	37(2)	3	74(2)	7	81(2)		12	9		7		9		25		25
	Chemistry	35	34(1)	11	31(1)	10	65(2)	21	86(2)		12	12		16(1)		13		41(1)		41(1)
	Earth and Planetary Sciences	19	15	3	21	7	36	10	46		7	8	1	8		11(1)	2(1)	27(1)	3(1)	30(2)
	Chemistry and Materials Science	29	31(2)	10	31(1)	5(1)	62(3)	15(1)	77(4)		10	2		4		13(1)	3(1)	19(1)	3(1)	22(2)
	Metallurgy and Ceramics Science	36	37(1)	11(1)	44(1)	6	81(2)	17(1)	98(3)		13	4	1	6(1)		13(4)	1(1)	23(5)	2(1)	25(6)
	Organic and Polymeric Materials	46	48	10(2)	38(1)	9(1)	86(1)	19(3)	105(4)		15	8(2)	2	15(4)	2(1)	22(6)	4(3)	45(12)	8(4)	53(16)
	Applied Chemistry	20	19	7	23(2)	6	42(2)	13	55(2)		7	7	1	9		12(1)	1(1)	28(1)	2(1)	30(2)
	Chemical Engineering	26	26	2	28	6(1)	54	8(1)	62(1)		9	8(1)	2(1)	6(3)	2	3	1(1)	17(4)	5(2)	22(6)
	Mechanical Sciences and Engineering	35	42(2)	2	50(7)	3	92(9)	5	97(9)		12	5	3(2)	11(5)		10(4)		26(9)	3(2)	29(11)
	Mechanical and Control Engineering	43	52(3)	5	60(3)	4	112(6)	9	121(6)		15	6		9(4)		17(6)		32(10)		32(10)
	Mechanical and Aerospace Engineering	24	30(2)		36(1)	1(1)	66(3)	1(1)	67(4)		9	3		6(4)		12(2)	1(1)	21(6)	1(1)	22(7)
	Electrical and Electronic Engineering	27	37(3)	2(1)	39(5)	4(2)	76(8)	6(3)	82(11)		10	9(4)	1(1)	10(2)	1	15(5)		34(11)	2(1)	36(12)
	Physical Electronics	28	39(2)		36(3)		75(5)		75(5)		9	16(4)	2(1)	7(1)	2(2)	8	1	31(5)	5(3)	36(8)
	Communications and Integrated Systems	27	41(5)		38(8)	2(1)	79(13)	2(1)	81(14)		10	7(2)		12(5)		10(7)	1(1)	29(14)	1(1)	30(15)
	Civil Engineering	21	13	3	31(6)	6(2)	44(6)	9(2)	53(8)		8	2(1)		4(2)		11(7)	2(2)	17(10)	2(2)	19(12)
	Architecture and Building Engineering	32	19	15(1)	40(5)	25(5)	59(5)	40(6)	99(11)		11	2(1)	2	6(4)	2(1)	14(1)		22(6)	4(1)	26(7)
	International Development Engineering	24	16(5)	3(1)	28(8)	5(2)	44(13)	8(3)	52(16)		9	7(2)	1	7(3)	1(1)	10(6)		24(11)	2(1)	26(12)
	Nuclear Engineering	16	25	1	31(3)	6(2)	56(3)	7(2)	63(5)		9	10	1	20(6)		15(6)	1	45(12)	2	47(12)
	Total	568	599(26)	96(6)	698(57)	113(19)	1,297(83)	209(25)	1,506(108)		203	145(17)	17(5)	172(45)	11(5)	239(57)	19(12)	556(119)	47(22)	603(141)
Graduate School of Bioscience and Biotechnology	Life Science	21	22(1)	4(1)	27(1)	4(1)	49(2)	8(2)	57(4)		8	9	1	5(1)	2(1)	5	2(1)	19(1)	5(2)	24(3)
	Biological Sciences	18	17	9	17	11(1)	34	20(1)	54(1)		6	4	2	11	3(1)	18(4)	10(1)	33(4)	15(2)	48(6)
	Biological Information	18	23(2)	7(1)	22(1)	6	45(3)	13(1)	58(4)		6	11	1	12(1)	5(2)	17(1)	1	40(2)	7(2)	47(4)
	Bioengineering	20	23	8(3)	21(1)	4	44(1)	12(3)	56(4)		7	1	1	2		6	7(3)	9	8(3)	17(3)
	Biomolecular Engineering	21	22(2)	8(1)	20	8	42(2)	16(1)	58(3)		8	6	1	7(2)	4(1)	19(6)	2(1)	32(8)	7(2)	39(10)
	Total	98	107(5)	36(6)	107(3)	33(2)	214(8)	69(8)	283(16)		35	31	6	37(4)	14(5)	65(11)	22(6)	133(15)	42(11)	175(26)
Interdisciplinary Graduate School of Science and Engineering	Innovative and Engineered Materials	27	33	4	44(1)	3	77(1)	7	84(1)		22	7	2	14(1)	1(1)	23(2)	5(1)	44(3)	8(2)	52(5)
	Electronic Chemistry	44	38	12	49(3)	11	87(3)	23	110(3)		20	19(1)	2(1)	11(2)	4(2)	22(3)	2	52(6)	8(3)	60(9)
	Materials Science and Engineering	41	46	4	52(2)	7	98(2)	11	109(2)		19	10	1	10(2)		20(3)	2(2)	40(5)	3(2)	43(7)
	Environmental Science and Technology	31	40(1)	9(2)	44(3)	10	84(4)	19(2)	103(6)		26	8	1	13(5)	3(2)	18(4)	5(1)	39(9)	9(3)	48(12)
	Built Environment	44	38(3)	12	31	11(1)	69(3)	23(1)	92(4)		18			11(1)	3(2)	12(3)	1	23(4)	4(2)	27(6)
	Energy Sciences	41	44	4	38(1)	7	82(1)	11	93(1)		17	5		8		8(2)		21(2)		21(2)
	Environmental Chemistry and Engineering	34	38(1)	13(1)	44(2)	11(2)	82(3)	24(3)	106(6)		16	6(2)	1	8(4)	1(1)	18(9)	1(1)	32(15)	3(2)	35(17)
	Information Processing (former)				73(2)	5(1)	73(2)	5(1)	78(3)					10(1)	1	22(3)	4(2)	32(4)	5(2)	37(6)
	Electronics and Applied Physics	34	52(1)	2			52(1)	2	54(1)		23	9(2)						9(2)		9(2)
	Precision Machinery System															3(1)		3(1)		3(1)
	Mechano-Micro Engineering	22	29(2)	1	36(5)	1	65(7)	2	67(7)		10	10(1)		4(1)		7(2)		21(4)		21(4)
	Computational Intelligence and Systems Science	76	65(2)	7(1)	66(5)	6(2)	131(7)	13(3)	144(10)		31	24(2)	2	35(5)	4(1)	35(6)	4(2)	94(13)	10(3)	104(16)
	Advanced Applied Electronics				42(3)	4(2)	42(3)	4(2)	46(5)					11(3)		12(2)		23(5)		23(5)
	Information Processing (present)	39	50	4(1)			50	4(1)	54(1)		17	8	1					8	1	9
	Total	433	473(10)	72(5)	519(27)	76(8)	992(37)	148(13)	1,140(50)		219	106(8)	10(1)	135(25)	17(9)	200(40)	24(9)	441(73)	51(19)	492(92)
Graduate School of Information Science and Engineering	Mathematical and Computing Sciences	28	28	4	36	4(1)	64	8(1)	72(1)		10	5		7(1)		15(1)	1(1)	27(2)	1(1)	28(3)
	Computer Science	34	47(4)	3(1)	56(9)	4(1)	103(13)	7(2)	110(15)		12	7(1)	1	10(3)	2(2)	20(8)		37(12)	3(2)	40(14)
	Mechanical and Environmental Informatics	36	28(1)	7(1)	43(2)	7(2)	71(3)	14(3)	85(6)		13	4(2)	2	7(2)		10(3)	3(2)	21(7)	5(2)	26(9)
	Total	98	103(5)	14(2)	135(11)	15(4)	238(16)	29(6)	267(22)		35	16(3)	3	24(6)	2(2)	45(12)	4(3)	85(21)	9(5)	94(26)
Graduate School of Decision Science and Technology	Human System Science	24	19(1)	7(2)	23(1)	8(1)	42(2)	15(3)	57(5)		11	8(1)	4	6	3	16(1)	14(2)	30(2)	21(2)	51(4)
	Value and Decision Science	12	17	6	21	7(1)	38	13(1)	51(1)		9	3	1	4		18(5)	8(3)	25(5)	9(3)	34(8)
	Industrial Engineering and Management	31	39(4)	8(4)	50(6)	13(7)	89(10)	21(11)	110(21)		13	5(2)	2(2)	11(8)	2(1)	23(6)	3(2)	39(16)	7(5)	46(21)
	Social Engineering	28	26(2)	5	27	11(1)	53(2)	16(1)	69(3)		11	3	2(1)	5(2)	1	6	7(4)	14(2)	10(5)	24(7)
	Total	95	101(7)	26(6)	121(7)	39(10)	222(14)	65(16)	287(30)		44	19(3)	9(3)	26(10)	6(1)	63(12)	32(11)	108(25)	47(15)	155(40)
Graduate School of Innovation Management	Management of Technology*	30	29(1)	6(2)			29(1)	6(2)	35(3)											
	Innovation**										7	15(1)	2(2)					15(1)	2(2)	17(3)
	Total	30	29(1)	6(2)			29(1)	6(2)	35(3)		7	15(1)	2(2)					15(1)	2(2)	17(3)
	Grand Total	1,322	1,412(54)	250(27)	1,580(105)	276(43)	2,992(159)	526(70)	3,518(229)		543	332(32)	47(11)	394(90)	50(22)	612(132)	101(41)	1,338(254)	198(74)	1,536(328)

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.

Undergraduates

(As of May 1, 2005)

		Admission Quota	Enrollment										Grand Total
			1st year		2nd year		3rd year		4th year		Total		
			M	F	M	F	M	F	M	F	M	F	
School of Science	Mathematics	25			23 (1)	2	26	1	41	1	90 (1)	4	94 (1)
	Physics	54			52 (1)	8	61	5 (1)	64	5	177 (1)	18 (1)	195 (2)
	Chemistry	37			37	1	29	5	46 (1)	5	112 (1)	11	123 (1)
	Information Science	34			32	2	36	5 (1)	54 (1)	3 (1)	122 (1)	10 (2)	132 (3)
	Earth and Planetary Sciences	35			24	3	32 (1)	3	50	8	106 (1)	14	120 (1)
	1st year		206 (3)	13							206 (3)	13	219 (3)
	Total	185	206 (3)	13	168 (2)	16	184 (1)	19 (2)	255 (2)	22 (1)	813 (8)	70 (3)	883 (11)
School of Engineering	Metallurgical Engineering	33			29 (1)	3	30		41	2	100 (1)	5	105 (1)
	Organic and Polymeric Materials	20	91 (1)	9 (1)	18 (1)	4	24	3 (1)	27 (2)	1	69 (3)	8 (1)	77 (4)
	Inorganic Materials	30			30	2	34	2	34	3	98	7	105
	Chemical Engineering	70			62 (1)	12 (4)	68 (1)	10 (2)	65	9 (1)	195 (2)	31 (7)	226 (9)
	Polymer Chemistry	30	110 (5)	30 (7)	29	1 (1)	27 (1)	6 (1)	25	7	81 (1)	14 (2)	95 (3)
	Mechanical Engineering and Science	52			58 (2)	2	59 (6)	4	63 (3)	2	180 (11)	8	188 (11)
	Mechanical and Intelligent Systems Engineering	40			30 (1)	1	37 (1)		50 (1)	1	117 (3)	2	119 (3)
	Mechano-Aerospace Engineering	40	214 (16)	6 (1)	38	1	49 (2)	2	47	5 (1)	134 (2)	8 (1)	142 (3)
	Control and Systems Engineering	43			52 (2)	1	52 (5)		64 (5)	3	168 (12)	4	172 (12)
	Industrial and Systems Engineering	36			38 (2)	2 (1)	37 (1)	7 (4)	46 (3)	5	121 (6)	14 (5)	135 (11)
	Electrical and Electronic Engineering (former)								1		1		1
	Physical Electronics		235 (9)	5 (1)					3		3		3
	Electrical and Electronic Engineering (present)	82			81 (5)	1 (1)	87 (9)	2	107 (12)	4 (1)	275 (26)	7 (2)	282 (28)
	Computer Science	102			98 (6)	3	111 (7)	9 (1)	151 (5)	6 (3)	360 (18)	18 (4)	378 (22)
	Civil and Environmental Engineering	34			29 (3)	6 (1)	35 (3)	6 (2)	44 (2)	3	108 (8)	15 (3)	123 (11)
	Architecture and Building Engineering	45	112 (9)	32 (1)	45 (2)	9	41	11 (1)	41	18 (2)	127 (2)	38 (3)	165 (5)
	Social Engineering	36			29	5	30	5 (3)	45 (1)	6	104 (1)	16 (3)	120 (4)
	International Development Engineering	40			27 (12)	9 (7)	29 (16)	9 (9)	59 (21)	8 (6)	115 (49)	26 (22)	141 (71)
	1st year	*20	762 (40)	82 (11)							762 (40)	82 (11)	844 (51)
	Total	733	762 (40)	82 (11)	693 (38)	62 (15)	750 (52)	76 (24)	913 (55)	83 (14)	3,118 (185)	303 (64)	3,421 (249)
School of Bioscience and Biotechnology	Bioscience	75			55 (1)	14 (1)	63 (2)	10 (3)	86 (3)	11	204 (6)	35 (4)	239 (10)
	Biotechnology	75			68 (3)	19 (4)	82 (4)	23 (5)	83 (5)	19	233 (12)	61 (9)	294 (21)
	1st year	*10	145 (3)	25							145 (3)	25	170 (3)
	Total	150	145 (3)	25	123 (4)	33 (5)	145 (6)	33 (8)	169 (8)	30	582 (21)	121 (13)	703 (34)
Grand Total		1,068	1,113 (46)	120 (11)	984 (44)	111 (20)	1,079 (59)	128 (34)	1,337 (65)	135 (15)	4,513 (214)	494 (80)	5,007 (294)

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, 2005)

	Graduate School of Science and Engineering (Science)	Graduate School of Science and Engineering (Engineering)	Graduate School of Bioscience and Biotechnology	Interdisciplinary Graduate School of Science and Engineering	Graduate School of Information Science and Engineering	Graduate School of Decision Science and Technology	Graduate School of Innovation Management	Chemical Resources Laboratory	Precision and Intelligence Laboratory	Materials and Structures Laboratory	Other Research Centers	Total
Japanese Students	10	14	8	4	6	5		4	7	1	2	61
Students from Abroad	3	34	3	13	5	11	1	1	5	1	5	82
Total	13	48	11	17	11	16	1	5	12	2	7	143

Students from Abroad

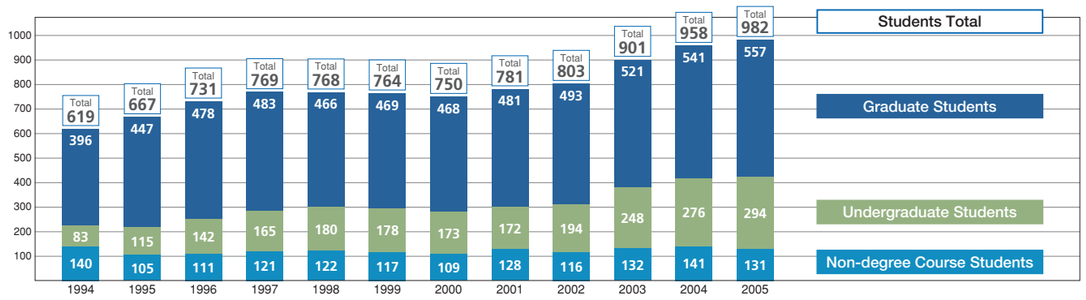
(As of May 1, 2005)

		Under-graduate Course	Master's Course	Doctoral Course	Non-degree Course	Total
Asia	India	1	1 (1)		1	3 (1)
	Indonesia	8 (1)	26 (10)	23 (2)	7 (2)	64 (15)
	Vietnam	34 (5)	16 (4)	7 (1)	3	60 (10)
	Laos			1		1
	Singapore	1 [1]		1		2 [1]
	Sri Lanka	2		2		4
	Thailand	1 [1]	16 (5)	27 (7) [1]	11 (4)	55 (16) [2]
	Korea	28 (3)	16 (2)	71 (12)	15 (5)	130 (22)
	Taiwan	2	5 (2)	6 (4)	3 (2)	16 (8)
	China	185 (59)	90 (30)	93 (27)	33 (14)	401 (130)
	China (Hong Kong)			1	1	2
	Mongolia	1 (1)		1	1	3 (1)
	Pakistan			3 (1)		3 (1)
	Bangladesh	2	2 (1)	17 (4)	2	23 (5)
	Nepal		3	3		6
	Philippines		2 (2)	10 (5)	4 (3)	16 (10)
	Malaysia	19 (7) [5]	4 (2)	4	1 (1)	28 (10) [5]
	Myanmar	1 (1)	1	2 (1)	1 (1)	5 (3)
	Cambodia	1	1		1	3
Middle East	Iran	2	2 (2)	9 (4)	3 (1)	16 (7)
	Israel				1 (1)	1 (1)
	Turkey		4 (1)	1		5 (1)
Oceania	Australia				4 (2)	4 (2)
	Papua New Guinea				1	1
Africa	Egypt		1	3	1	5
	Tunisia			3 (2)		3 (2)
	Mauritius				1	1
	Algeria			2		2
	Ethiopia		1			1
	Kenya	1 (1)	1			2 (1)
	Senegal	1				1
	Tanzania	1 (1)				1 (1)
Europe	Sweden		1		5	6
	Finland				3 (1)	3 (1)
	Norway				1	1

		Under-graduate Course	Master's Course	Doctoral Course	Non-degree Course	Total
Europe	U.K.		2 (1)	1	2	5 (1)
	Switzerland			1	1	2
	Spain		1	4	2	7
	Portugal		1	1		2
	Lithuania			1 (1)		1 (1)
	Italy			2		2
	Greece		1 (1)			1 (1)
	Germany			2	4 (1)	6 (1)
	Bulgaria		1 (1)			1 (1)
	France		11 (1)	6	7 (1)	24 (2)
	Iceland		2			2
	Ireland				1	1
	Slovakia			1		1
	Hungary	1				1
	Bosnia-Herzegovina			1		1
	Romania	1 (1)		1		2 (1)
	Poland		1 (1)	1 (1)	1	3 (2)
	Russia			3 (1)		3 (1)
	Belarus			1 (1)		1 (1)
	Kazakhstan		1 (1)	1		2 (1)
N.Amer.	U.S.A.		1	1	3	5
	Canada			1		1
Central and South America	Mexico			2		2
	Cuba			1		1
	Panama		1			1
	Guatemala			1		1
	Honduras	1				1
	Venezuela		1 (1)	1		2 (1)
	Brazil		8	1	3	12
	Colombia				1	1
	Peru		2			2
	Chile			1		1
	Argentina		1 (1)	2		3 (1)
	Ecuador		1		2	3
Total		294 (80) [7]	229 (70)	328 (74) [1]	131 (39)	982 (263) [8]

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

Recent Trends in the Number of Students from Abroad



ENROLLMENT AND GRADUATION

ENROLLMENT

Enrollment in Graduate Courses for FY 2005

	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	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
Application	1,205	232	1,081	151	209	67	175	40	124	21	39	23
Admission	568	98	433	98	95	30*	203	35	219	35	44	7
Enrollment	695(35)	143(4)	545(15)	117(7)	127(10)	35	162(50)	37(6)	116(31)	19(8)	28(9)	17

Note: 1. Figures given in parentheses represent the number of the 2004 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			1993-2004		
	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	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	177	172	349
Graduate School of Bioscience and Biotechnology	2	3	5	1	5	6	7	3	10	5	4	9	0	3	3	3	1	4	42	46	88
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	62	76	138
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	33	18	51
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	25	13	38
Total	25	22	47	23	33	56	27	25	52	32	26	58	37	27	64	28	29	57	339	325	664

Enrollment in Undergraduate Courses for FY 2005

	Science	Engineering	Bioscience & Biotechnology	Total
Application	1,004	3,860	626	5,490
Admission	185	733	150	1,068
Enrollment	197	796	160	1,153

GRADUATION

Number of Doctoral Degrees Conferred

(As of March 31, 2005)

		Courses				Theses			
		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	2004	37	109	6	152	2	46	0	48
	Total since the establishment	967	2,533	100	3,600	390	2,349	21	2,760
Graduate School of Bioscience and Biotechnology	2004	18	20	1	39	3	0	0	3
	Total since the establishment	246	259	3	508	35	39	0	74
Interdisciplinary Graduate School of Science and Engineering	2004	25	75	4	104	1	17	1	19
	Total since the establishment	366	1,334	36	1,736	132	764	11	907
Graduate School of Information Science and Engineering	2004	6	13	10	29	3	4	0	7
	Total since the establishment	39	120	36	195	10	33	2	45
Graduate School of Decision Science and Technology	2004	1	13	14	28	0	1	1	2
	Total since the establishment	5	78	86	169	1	11	13	25
Total		1,623	4,324	261	6,208	568	3,196	47	3,811

Students after Graduation for the Class of 2005

Master's Degrees

	Number of Graduates	Further Study	Manufacturers	Non-Manufacturers	Education	Government & Public Agencies	Others
Graduate School of Science & Engineering	703	137	367	146	5	19	29
Graduate School of Bioscience & Biotechnology	133	41	69	14	0	2	7
Interdisciplinary Graduate School of Science & Engineering	554	71	300	153	1	7	22
Graduate School of Information Science & Engineering	123	15	42	56	2	2	6
Graduate School of Decision Science & Technology	129	12	34	59	1	4	19
Total	1,642	276	812	428	9	34	83

Doctoral Degrees

	Number of Graduates	Manufacturers	Non-Manufacturers	Education	Government & Public Agencies	Others
Graduate School of Science & Engineering	141	32	13	9	1	86
Graduate School of Bioscience & Biotechnology	33	11	3	5	0	14
Interdisciplinary Graduate School of Science & Engineering	93	13	12	4	2	62
Graduate School of Information Science & Engineering	24	3	2	3	0	16
Graduate School of Decision Science & Technology	22	0	1	5	0	16
Total	313	59	31	26	3	194

Bachelor's Degrees

	Number of Graduates	Further Study	Manufacturers	Non-Manufacturers	Education	Government & Public Agencies	Others
School of Science	181	155	4	5	1	1	15
School of Engineering	767	675	21	31	0	4	36
School of Bioscience & Biotechnology	165	153	3	1	0	0	8
Total	1,113	983	28	37	1	5	59

NEW FEATURES OF RESEARCH PROGRAMS

Establishment of the Integrated Research Institute (IRI)

One of the key factors for conducting highly original research is creating the appropriate infrastructure to support members of the research staff; an outdated and rigid organization can hamper progress. Japan's Ministry of Education, Culture, Sports, Science and Technology (MEXT) has allocated special funding as part of the Encouraging Development of Strategic Research Centers, Special Coordination Funds for Promoting Science and Technology program to address these issues by supporting pioneering R&D institutions in their attempts to restructure themselves to build effective environments for R&D.

Tokyo Tech's Integrated Research Institute was selected in 2005 to receive financial support for five years as part of this program.

President Aizawa will steer the new Institute; integrating and unifying strands of knowledge that might traditionally have remained separated by departmental lines. This border-crossing freedom is the reason it's called an Integrated Research Institute. It will bind the university more closely with society, and basic research with solutions research.

The Integrated Research Institute will consist of two organizations; Solutions Research Organization (SRO) and Advanced Research Organization (ARO). The Solutions Research Organization will include the Center for Innovation Systems Research (CISR) and the Solutions Research Division (SRD).

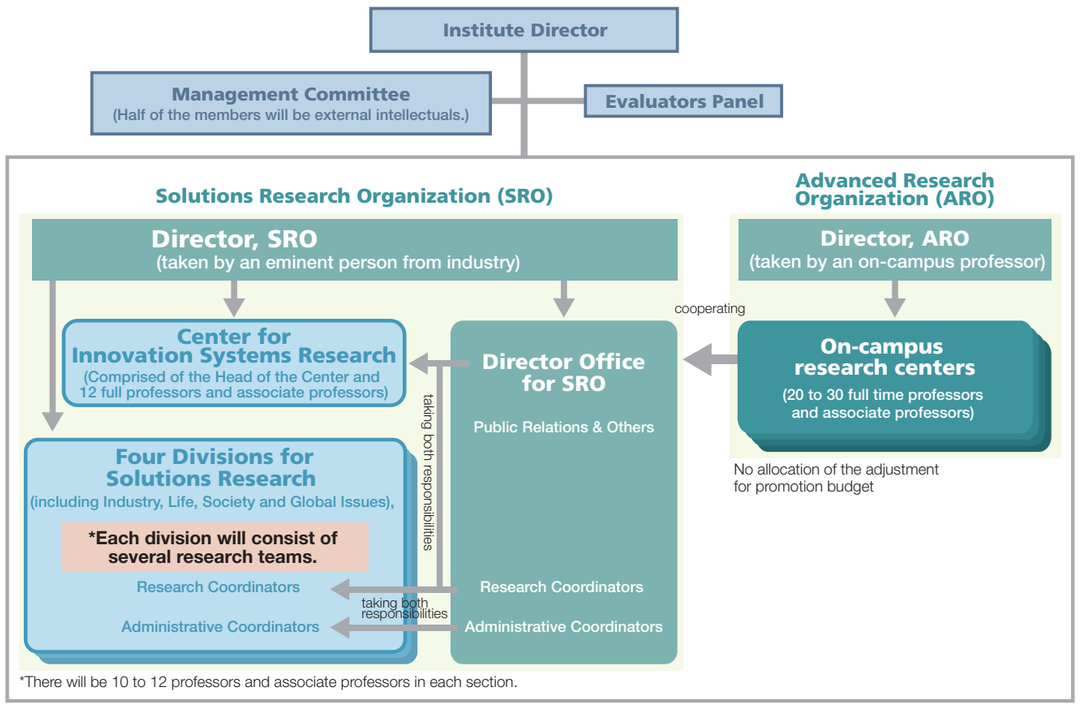
The Center for Innovation Systems Research will have the task of anticipating the favorable state of society and industry from several years to decades in the future. Based on forecasts and simulations the Center will identify issues and problems to be addressed and propose roadmaps towards solutions.

The Solutions Research Division will have four divisions to cover Industry, Life, Society, and Global Issues and professors selected from Tokyo Tech's four existing research laboratories will form the engine of the new research body.

The second part of the Institute is the Advanced Research Organization. This Organization will consist of several research centers that serve to extend the achievements made by the university's 21st Century COE (Center of Excellence) Program projects.

Tokyo Tech's goal for the next five years is to restructure the university's research functions and to establish a flexible body, capable of responding to rapidly changing social needs. This special funding and recognition from MEXT will allow Tokyo Tech to maintain its technical prowess and contribute not only to the development of science and technology but also to discoveries of the future.

Administrative Structure of Integrated Research Institute



*There will be 10 to 12 professors and associate professors in each section.

The 21st Century COE Programs in Tokyo Institute of Technology

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

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

2002～

Frontier System of Bioengineering

Field of Study: Life Science
Graduate Courses/ Research Centers: Graduate School of Bioscience and Biotechnology
Departments/ Centers: Biological Information/ Biomolecular Engineering/ Bioengineering/ Life Science/ Biological Sciences
Program Leader (Number of Members):
Prof. HANDA, Hiroshi (18)

The Amount of Subsidy for FY2005 (yen): 191,400,000

Creation of Molecular Diversity and Development of Functionalities

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

The Amount of Subsidy for FY2005 (yen): 141,900,000

Nanomaterial Frontier Cultivation for Industrial Collaboration

Field of Study: Chemistry, Material Sciences
Graduate Courses/ Research Centers: Interdisciplinary Graduate School of Science and Engineering/ Graduate School of Science and Engineering
Departments/ Centers: Innovative and Engineered Materials/ Materials Science and Engineering/ Metallurgy and Ceramics Science/ Organic and Polymeric Materials
Program Leader (Number of Members):
Prof. HOSONO, Hideo (20)

The Amount of Subsidy for FY2005 (yen): 143,000,000

Photonics Nanodevice Integration Engineering

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

The Amount of Subsidy for FY2005 (yen): 177,100,000

2003～

Nanometer-Scale Quantum Physics

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 FY2005 (yen): 128,000,000

Innovation of Creative Engineering through the Development of Advanced Robotics

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 FY2005 (yen): 161,600,000

Evolution of Urban Earthquake Engineering

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 (20)

The Amount of Subsidy for FY2005 (yen): 218,400,000

Innovative Nuclear Energy Systems for Sustainable Development of the World

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 (21)

The Amount of Subsidy for FY2005 (yen): 158,900,000

Framework for Systematization and Application of Large-scale knowledge Resources

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 FY2005 (yen): 200,300,000

2004～

Science of Institutional Management of Technology (SIMOT)

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

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/ Management of Technology
Program Leader (Number of Members):
Prof. WATANABE, Chihiro (20)

The Amount of Subsidy for FY2005 (yen): 84,000,000

Creation of Agent-Based Social Systems Sciences

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 (23)

The Amount of Subsidy for FY2005 (yen): 82,000,000

How to build habitable planets?

Field of Study: New Scientific Fields
Graduate Courses/ Research Centers: Graduate School of Science and Engineering/ Graduate School of Bioscience and Biotechnology/ Frontier Collaborative Research Center
Departments/ Centers: Earth and Planetary Sciences/ Chemistry/ Chemistry and Materials Science/ Interactive Research Center of Science/ Biological Sciences/ Bioengineering
Program Leader (Number of Members):
Prof. TAKAHASHI, Eiichi (17)

The Amount of Subsidy for FY2005 (yen): 94,000,000

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.

TOKYO INSTITUTE OF TECHNOLOGY

Innovative Research Initiatives (35 Projects)

(As of May 1, 2005)

Field	Title	Project Leader	
Life Science	Study Program of Brain Informatics	Precision and Intelligence Laboratory	Prof. WATANABE, Sumio
	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
	Fundamental Technology and System Design Methodology of Seamless Mobile Internet	Graduate School of Science and Engineering	Prof. SAKAI, Yoshinori
	Dependable Advanced Data Management	Global Scientific Information and Computing Center	Prof. YOKOTA, Haruo
	Autonomous Decentralized Community Computing Systems	Graduate School of Information Science and Engineering	Prof. MORI, Kinji
	Human reality for broadband / ubiquitous society	Graduate School of Information Science and Engineering	Prof. SATO, Makoto
	Next-Generation Multi-Dimensional and Advanced TV Conference-based Education System	Global Scientific Information and Computing Center	Prof. MAKOSHI, Nobuyasu
	Ultra-Parallel Nano-Opto-Electronics	Precision and Intelligence Laboratory	Prof. KOBAYASHI, Kohroh
	Intelligent CAD/CAE for Next Generation	Graduate School of Science and Engineering	Prof. HAGIWARA, Ichiro
Environment	CO_2 Mitigation Technologies Combined with Highly Efficient Fossil-fuel Utilization and Sequestration	Research Center for Carbon Recycling and Energy	Prof. TAMAURA, Yutaka
	Numerical Modeling of the Estuarine Currents for Environmental Impact Analysis	Interdisciplinary Graduate School of Science and Engineering	Prof. ISHIKAWA, Tadaharu
	Value Added Remote Sensing	Interdisciplinary Graduate School of Science and Engineering	Prof. KOSUGI, Yukio
Nano-Technology & Materials	Development of New Industry Based of Ferrites	Graduate School of Science and Engineering	Prof. ABE, Masanori
	Study on Nonequilibrium Dynamics in Condensed System by Time-resolved Structural Analysis	Graduate School of Science and Engineering	Prof. KOSHIHARA, Shin-ya
	Nano/Micro machines and Nems/Mems	Precision and Intelligence Laboratory	Prof. YOKOTA, Shinichi
	Soft Processes : Environmentally Compatible Processings for Advanced Materials	Materials and Structures Laboratory	Prof. YOSHIMURA, Masahiro
	Electronics Soft Materials	Graduate School of Science and Engineering	Prof. KAKIMOTO, Masa-aki
	Research Project on Nanofiber Technology	Graduate School of Science and Engineering	Prof. TANIOKA, Akihiko
	Nanoscale Photofunctional Materials	Chemical Resources Laboratory	Prof. IKEDA, Tomiki
	Development of Novel Quantum Functional Materials and their Appication to Oxide Electronics by Nano-designing	Materials and Structures Laboratory	Prof. ITOH, Mitsuru
	Nano Thermodynamics	Materials and Structures Laboratory	Prof. ATAKE, Tooru
Energy	Entropia Laser Initiative	Graduate School of Science and Engineering	Prof. YABE, Takashi
	Advanced Energy System Project	Research Laboratory for Nuclear Reactors	Prof. KATO, Yasuyoshi
	Advanced Fuel Cell Technology	Interdisciplinary Graduate School of Science and Engineering	Prof. YAMAZAKI, Yohtaro
	Research and Development of Lead-bismuth Eutectic Coolant Utilization	Research Laboratory for Nuclear Reactors	Prof. SEKIMOTO, Hiroshi
	Innovative Hydrogen Production	Chemical Resources Laboratory	Prof. HARA, Michikazu
	Innovative Photovoltaic Power Generating System	Graduate School of Science and Engineering	Prof. KONAGAI, Makoto
	Multidisciplinary Research for Engineering Ceramics through the Control of Discontinuity	Materials and Structures Laboratory	Prof. YASUDA, Eiichi
Manufacturing Technology	Innovation Incubator based on Tribology	Graduate School of Science and Engineering	Prof. NAKAHARA, Tsunamitsu
	Research and Development of Plasma Processing under Atmospheric Pressure	Graduate School of Science and Engineering	Prof. NAGATA, Kazuhiro
Infrastructure	Structural Integrity Monitoring and Smart Materials and Structures	Graduate School of Science and Engineering	Prof. KISHIMOTO, Kikuo
	Development of Long Life Sustainable Building Structure	Materials and Structures Laboratory	Prof. TANAKA, Kyoji
Frontier	Space Utilization for Safe and Advanced Society	Interdisciplinary Graduate School of Science and Engineering	Prof. ODAWARA, Osamu

Tokyo Tech Launched Venture Company

(As of May 1, 2005)

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/	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/	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/	FUJITA, Oumi	Basic planning and optimum design for industrial waste disposal process and facilities based on the system of waste gasification and power generation as the core technologies.	1 2	2000.7.25
ChemGenesis Inc. http://www.chemgenesis.com/	TAYA, Yukio	Development, manufacture and sales of chemical libraries and biological tools based on combinatorial chemistry.	1	2001.3.1
BeyondLSI, Inc. http://www.beyondlsi.com/	IDEI, Gijun	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/	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 Co. 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 Corp. 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	IDO, Shinobu	Provides software consulting and development, specializing in image processing, virtual reality and linux system.	1 2	2004.1.15
Tokyo Tech Engineering Solutions, Inc. http://www.ttes.co.jp	SUGANUMA, Hisatada	Survey, planning, design, safety-check, monitoring, and retrofit of construction products.	2 3	2004.7.22
mimi.inc http://333.co.jp/	NANRI, Yosuke	Development and sales of application software for cellular phones.	3	2004.5.18
Solar Hytech, Inc.	TAKAMATSU, Tadahiko	Development and sales of hydrogen and liquid fuel production equipment utilizing collected solar energy.	1 2	2003.11.7

NEW FEATURES OF RESEARCH PROGRAMS

Company	Representative	Summary of Business	Term Number	Conferred on:
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

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

FY2004

Programs	Number of Awardees
Bilateral Programs (Joint Resarch and/or Joint Scientific Seminars)	8
Inter-Research Centers Cooperative Program	1
Core University Program	2
JAPAN-FRANCE Integrated Action Program <SAKURA>	1
RONPAKU (Dissertation Ph.D.) Program	6
Program for Sending Researchers to Specified Countries	1
Postdoctoral Fellowship for Research Abroad	3
Invitation Fellowship Program for Research in Japan (Short-term)	7
Invitation Fellowship Program for Research in Japan (Long-term)	3
Postdoctoral Fellowship Program (Short-term)-Quotas for North American and European Researchers	7
Postdoctoral Fellowship Program for Foreign Researchers (Standard)	26
The Asian Program-Scientist Exchange Program	3
JSPS Summer Program	3
JSPS/British Council Program for Inviting British Academics and Other Specialists to Japanese Universities	1

Faculty Members Dispatched as Technical Cooperation Experts by Japan International Cooperation Agency (JICA)

(FY2004)

Name	Affiliation	Project Title	Period
KAJIUCHI, Toshio	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Apr. 21-27
KAWASAKI, Junjiro	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Apr. 21-27
HINODE, Hirofumi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Apr. 21-27
NIIYAMA, Hiroo	Global Scientific Information and Computing Center	Project Consultation Team for Southeast Asia Engineering Education Network	Apr. 21-27
AKAHORI, Kanji	Center for Research and Development of Educational Technology	Sri Lanka's Master Plan for the Development of Science and Mathmatics using Information Technology	May 22-29
FUJII, Nobuo	Graduate School of Science and Engineering	Final Evaluation Study Team for the Project of Strengthening of Polytechnic Education in Electric-related Technology in Indonesia	May 30-Jun. 05
OHBA, Takeshi	Volcanic Fluid Research Center	Reinforcement of Observation System on Active Volcanic Activity (Geochemistry of Volcanic Fluids)	Jun. 14-Aug. 11
MUTA, Hiromitsu	Graduate School of Decision Science and Technology	The National Implementation Program for District Education Plan in Malawi	Aug. 10-22
AKAHORI, Kanji	Center for Research and Development of Educational Technology	Sri Lanka's Master Plan for the Development of Science and Mathmatics using Information Technology	Aug. 25-Sep. 01

Name	Affiliation	Project Title	Period
MAKOSHI, Nobuyasu	Global Scientific Information and Computing Center	Overseas Technical Trainer, Recent Topic on Computer Network and Application (Information Technology in Education)	Sep. 15-18
HINODE, Hirofumi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Oct. 3-09
NIIYAMA, Hiroo	Global Scientific Information and Computing Center	Project Consultation Team for Southeast Asia Engineering Education Network	Oct. 3-09
TAKAHASHI, Kunio	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Oct. 6-09
MUTA, Hiromitsu	Graduate School of Decision Science and Technology	Regional Educational Development and Improvement Program (REDIP) in Indonesia	Oct. 6-10
ARAKI, Kiyomichi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov. 16-19
KUNIEDA, Hiroaki	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Nov. 16-19
SASAKI, Eiichi	Graduate School of Science and Engineering	Sustainable Road Development	Nov. 21-24
KAJIUCHI,Toshio	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network (Thailand, Philippines)	Nov. 30-Dec. 4
HINODE, Hirofumi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network (Thailand, Philippines)	Nov. 30-Dec. 4
KAWASAKI, Junjiro	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network (Thailand, Philippines)	Nov. 30-Dec. 11
OKUMA, Masaaki	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Dec. 5-11
MUTA, Hiromitsu	Graduate School of Decision Science and Technology	Preparatory Study Team for Basic Education Improvement Program for Rural Areas in Morocco	Dec. 8-17
KUBOUCHI, Masatoshi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jan. 4-9
AIDA, Takashi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Jan. 4-9
MUTA, Hiromitsu	Graduate School of Decision Science and Technology	Indonesian Regional Development and Improvement Program Phase 2	Jan. 16-19
AKAHORI, Kanji	Center for Research and Development of Educational Technology	Sri Lanka's Master Plan for the Development of Science and Mathmatics using Information Technology	Jan. 23-29
KAJIUCHI, Toshio	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Feb. 24-27
NIIYAMA, Hiroo	Global Scientific Information and Computing Center	Project Consultation Team for Southeast Asia Engineering Education Network	Feb. 24-27
KAWASAKI, Junjiro	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Feb. 24-27
HINODE, Hirofumi	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Feb. 24-27
KANDA, Manabu	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Feb. 24-27
PIPATPONGSA, Thirapong	Global Scientific Information and Computing Center	Project Consultation Team for Southeast Asia Engineering Education Network	Feb. 24-27
KURABAYASHI, Daisuke	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network	Feb. 27-Mar. 02
HOUJOH, Haruo	Precision and Intelligence Laboratory	Project Consultation Team for Southeast Asia Engineering Education Network	Mar. 05-17
FUJII, Nobuo	Graduate School of Science and Engineering	Ex-ante Evaluation Study Team for the Project of Research and Education Development on ICT in ITS	Mar. 13-23
MARUYAMA, Toshio	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network (Thailand, Philippines, Malaysia)	Mar. 15-19
YAMASHITA, Yukihiko	Graduate School of Science and Engineering	Sort-Team Expert of Advanced Electronics Technology, The Project for Strenghening of Polytechnic Education in Robot vision in Indonesia	Mar. 16-26
YAMAKITA, Masaki	Graduate School of Science and Engineering	Project Consultation Team for Southeast Asia Engineering Education Network (Vietnam)	Mar. 20-23

TOKYO INSTITUTE OF TECHNOLOGY

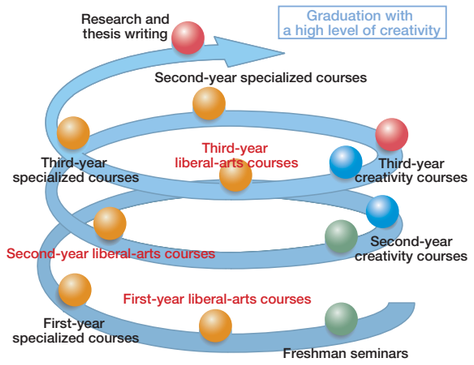
NEW FEATURES OF EDUCATION PROGRAMS

Distinctive University Support Program: Good Practice (GP)

Evolving Creativity Education

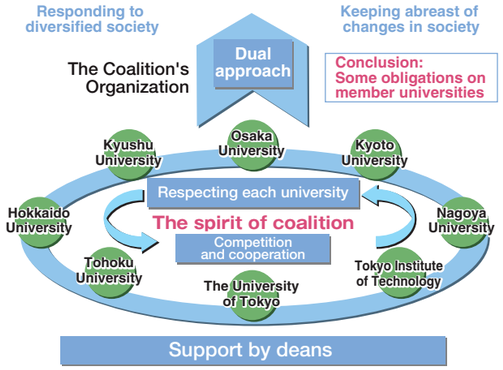
Tokyo Tech nurtures each student's creativity and also incorporates international activities and social services into the training. Based on a consistent educational philosophy and curriculum, we are actively promoting "evolving creativity education" in all parts of the university.

System of Creativity Education



Engineering Education by Coalition

The eight Japanese universities have launched an engineering education program designed to promote Japan's engineering education. The program's Standard Reinforcement Committee, chaired by a representative from Tokyo Tech, is currently working on the issue of enhancing the production of world-class Ph.D.s in engineering.



2004 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 ●.

Advanced Humanities and Social Sciences Ⅰ
Earth and Space Science, Laboratory and Field Studies
● Introduction to Creative Design
Exercise on International Development 2
Colloquium on Physics Ⅱ
● Field Excursion
Computational Planetary Science
Advanced Laboratory in Earth and Planetary Sciences
Chemistry Laboratory Ⅱ
Advanced Chemistry Laboratory Ⅰ
Advanced Chemistry Laboratory Ⅱ
Advanced Chemistry Laboratory Ⅲ
Exercise in Advanced Chemistry Ⅲ
● Creativity Laboratory in Metallurgy
● Ceramics Laboratory Ⅰ
Applied Chemistry Laboratory
Chemical Process Design Practice
● Mechanical Engineering Design Projects
Experiments on Fundamentals of Information Systems
OR and Modeling Processes
● Computer Science Summer Project
● Planning and Design of Public Facilities A
● Planning and Design of Public Facilities B
Landscape Design

Architectural Design and Drawing Ⅰ
Architectural Design and Drawing Ⅱ
Problem Findings in Social Engineering
Problem Structuring and Social Survey
Models, Forecasting, Policy and Planning Formation, and Their Evaluation in Social Engineering
Planning Workshop in Social Engineering
Science Seminar
● Mechanical Engineering literacy
Colloquium on Physics Ⅰ
● Research Project
● Creative Project for Mechanical and Intelligent Systems
● Machine Creation
● Creative Design of Control Systems
Laboratory Works in Civil Engineering Ⅰ
Laboratory Works in Civil Engineering Ⅱ
● Architectural Design and Drawing Ⅲ
● Architectural Design and Drawing Ⅳ
Graduation Thesis（Physics）
● Sociology
● Column Land
● Column Land2
Summer School in China
COE Chemistry Program: Special Colloquium 1
COE Chemistry Program: Special Colloquium 2

COE Chemistry Program: Special Colloquium 3
COE Chemistry Program: Special Colloquium 4
Colloquium in Particle-, Nuclear- and Astro-physics
● Advanced Space Systems Engineering
Exercises on International Development Project
Advanced Experiments of Bioscience and Biotechnology Ⅰ
Advanced Experiments of Bioscience and Biotechnology Ⅱ
Foundation of Environmental Science and Technology
● Built Environmental Laboratory Ⅰ
Special Experiments of Information Processing Ⅰ
System Modeling
● Mechano-Informatics Project
Discussion in Program in Value and Decision Science Ⅰ
Discussion in Program in Value and Decision Science Ⅱ
Discussion in Program in Value and Decision Science Ⅲ
Discussion in Program in Value and Decision Science Ⅳ
Business Information Systems Project Ⅱ
Practical Business Establishment
Business Information Systems Project Ⅰ

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. (As of May 2005)

		2003		2004		2005		Total	
		Application	Approval	Application	Approval	Application	Approval	Application	Approval
With three universities participating	Comprehensive Life Science Course※1	8	8	16	10	29	23	53	41
	Overseas Cooperation Course※1	2	2	4	4	6	6	12	12
	Research on Living Spaces Course※1	4	3	3	3	5	4	12	10
	Subtotal	14	13	23	17	40	33	77	63
With two universities participating	Scientific Technology and Intellectual Property Course※2	10	9	15	14	8	8	33	31
	Technology and Management Course※2	11	4	14	7	15	5	40	16
	Bunri Sougou Course※2	9	9	27	26	16	15	52	50
	Medical Engineering Course※3	8	4	14	11	30	26	52	41
	International Technical Writing Course※4	10	10	15	15	14	14	39	39
	The Economics of Medical and Health Care Course※5								
	Subtotal	48	36	85	73	83	68	216	177
	Total	62	49	108	90	123	101	293	240

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

Joint Graduate Course Program between Tokyo Tech and Tsinghua University

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

(Academic year 2005)

	Master's course			
	Tokyo Tech		Tsinghua University	
	Admission	Enrollment	Admission	Enrollment
Nanotechnology course	5	1	5	5
Bioscience and Bioengineering course	5	2	5	6
Total	10	3	10	11

TOKYO INSTITUTE OF TECHNOLOGY

INTERNATIONAL COLLABORATION

Academic Cooperation Agreements (University-wide Agreements)

(As of May 1, 2005)

Region	Country	University/Institute	Concluded	Area of Exchange
Asia	China	Harbin Institute of Technology	1980.10	F . S . I .
		Tsinghua University	1985. 4	F . S . I .
		Shanghai Jiao Tong University	1991. 8	F . S . I .
		Peking University	1991. 8	F . S . I .
		Xi'an Jiaotong University	1991. 8	F . S . I .
		Zhejiang University	1993. 9	F . S . I .
		Beijing Institute of Technology	1993.12	F . S . I .
		University of Science and Technology of China	1997. 9	F . S . I .
	India	Indian Institute of Technology Delhi	1994. 7	F . S . I .
	Indonesia	Bandung Institute of Technology	1988. 6	F . S . I .
		University of Indonesia	1992.12	F . S . I .
		Gadjah Mada University	2000. 2	F . S . I .
	Korea	Korea Advanced Institute of Science and Technology (KAIST)	1986. 5	F . S . I .
		Korea Institute of Science and Technology (KIST)	1991.12	F . I .
		Korea Maritime University	1992. 7	F . S . I .
		Korea University	1992. 9	F . S . I .
		Kyungpook National University	1993. 7	F . S . I .
		Chonbuk National University	1995. 4	F . S . I .
		Hanyang University	1996. 4	F . S . I .
		Yonsei University	2002. 4	F . S . I .
		Pohang University of Science and Technology	2003. 3	F . S . I .
	Mongolia	Mongolian University of Science and Technology	2003. 6	F . S . I .
	Philippines	De La Salle University	1992. 5	F . S . I .
		University of the Philippines	1992. 8	F . S . I .
	Singapore	National University of Singapore	1991. 2	F . S . I .
	Thailand	Chulalongkorn University	1985.10	F . S . I .
		King Mongkut's Institute of Technology Ladkrabang	1992.11	F . S . I .
		Thammasat University	1996. 3	F . S . I .
		Kasetsart University	1996.12	F . S . I .
		National Science and Technology Development Agency (NSTDA)	2001. 9	F . S . I .
		King Mongkut's Institute of Technology North Bangkok	2005. 1	F . S . I .
	Taiwan	National Cheng Kung University	1997.11	F . S . I .
		National Tsing-hua University	1998.11	F . S . I .
		National Taiwan University	1999. 1	F . S . I .
		National Chiao Tung University	2004.11	F . S . I .
	Vietnam	Hanoi University of Technology	1995. 8	F . S . I .
		Hanoi University of Science	1995. 8	F . S . I .
Middle East	Israel	Technion-Israel Institute of Technology	1991.12	F . S . I .
	Iran	Sharif University of Technology	2000.11	F . S . I .
	Turkey	Middle East Technical University	1992.12	F . S . I .
		Bogazici University	1998. 3	F . S . I .
Oceania	Australia	University of Melbourne	1994. 8	F . S . I .
		University of Technology, Sydney	2005. 1	F . S . I .
Africa	Tanzania	Tanzania Fisheries Research Institute	2005. 2	F . S . I .
Europe	Belgium	University of Ghent	1992. 9	F . S . I .
		Universite Libre de Bruxelles (ULB)	1994. 5	F . S . I .
	Denmark	Technical University of Denmark	1992. 9	F . S . I .
	Finland	Helsinki University of Technology	1995.10	F . S . I .
		Lappeenranta University of Technology	1998. 4	F . S . I .
	France	Ecole Nationale des Ponts et Chaussees	1992. 9	F . S . I .
		Ecole Nationale Superieure d'Arts et Metiers	2002. 4	F . S . I .
		University of Rennes 1	2002. 5	F . S . I .
		Strasbourg Universities	2004. 4	F . S . I .
	Germany	Technische Universitat Munchen	1982. 7	S .
		Universitad Stuttgart	1992. 4	F . S . I .
		Johannes Gutenberg University	2001. 8	F . S . I .
		University of Hannover	2004. 2	F . S . I .
	Italy	University of Bologna (Universita Degli Studi di Bologna)	1997. 3	F . S . I .
		University of Rome "La Sapienza"	1998. 9	F . S . I .
		Politecnico Di Milano	2002. 5	F . S . I .
	Norway	Norwegian University of Science & Technology (NTNU)	1993. 2	F . S . I .
	Russia	Moscow Engineering Physics Institute	1993. 6	F . S . I .
		Novosibirsk State University	1999.11	F . S . I .
	Sweden	Royal Institute of Technology	1991. 9	F . S . I .
		Chalmers University of Technology	1992.10	F . S . I .
	Switzerland	Eidgenossische Technische Hochschule Zurich	1978. 9	F . S . I .
	U.K.	University of Manchester Institute of Science and Technology	1979. 5	F . S . I .
		University of Strathclyde	1993. 2	F . S . I .
		University of Surrey	1993. 9	F . S . I .
		Cambridge University, Churchill College	2001. 3	F . I .
North America	U.S.A.	University of Washington	1974. 5	F . S . I .
		University of California	1988. 4	F . S .
		Oregon State University	1992. 7	F . S . I .
		University of Wisconsin-Madison	1992. 8	F . S . I .
		University of Maryland Baltimore County, College Park	1992.11	F . S . I .
		Georgia Institute of Technology	2001. 1	F . S . I .
		The Pennsylvania State University	2002. 5	F . S . I .
		The University of Wisconsin-Milwaukee	2004. 4	F . S . I .
South America	Brazil	Universidade de Sao Paulo	1991. 5	F . S . I .
		Instituto Tecnologico de Aeronautica	1992.10	F . S . I .

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

INTERNATIONAL COLLABORATION

TOKYO INSTITUTE OF TECHNOLOGY

INTERNATIONAL COLLABORATION

Academic Cooperation Agreements (School-to-School Agreements)

(As of May 1, 2005)

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

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

UNESCO International Research Course for the Environment

For 38 years, Tokyo Institute of Technology had held an International Post-Graduate University Course providing research opportunities to young scientists from developing countries, from UNESCO member countries throughout the world. Having hosted over 500 researchers from 59 countries since 1965, the Course has contributed greatly to the advancement of science and technology in not only the researchers home countries but also around the world. At present, most of the ex-participants hold important positions at universities or research institutions of their home or foreign countries.

In 2002, the Course was closed in order to be reorganized into a more appropriate program to meet the changing times. Tokyo Tech opened a new UNESCO Course focusing on the environment in October 2004. This UNESCO International Research Course specializes in the field of "water resource management and environment," with the participants mainly from the Asia-Pacific region. We continue to reinforce research partnerships, cooperate in human resources development, and build networks with those countries.

Overseas Offices

In 2002, we opened Tokyo Tech Office (Thailand) with the purpose of disseminating graduate-level courses, promoting international research cooperation, and networking with Thai students who have studied at Tokyo Tech. We are also preparing to open an office on the De La Salle University campus in the Philippines in 2005 reflecting our longstanding friendship with this country.

Establishment of International Headquarters

Tokyo Tech has been selected as one of the universities to be funded for the purpose of establishing an international headquarters on campus, through a new initiative MEXT has launched, with a focus on strengthening university-wide international activities at each of the universities. The aim of this initiative is to facilitate the university to develop strategies for overseas relations by organizing an institutional system.

Having already established the International Office on campus in April 2002, Tokyo Tech will enhance and reorganize it into an office with two divisions; one is to formulate and plan international activities, while the other is to provide assistance for the specific activities. We will draw up the international strategies to expand on the activities with a position that has 'evolved' from the focus on international exchange into one of global collaboration.

The funding will be provided for five years, and in that period, we will reinforce the partnership with neighboring countries and cooperate in producing world-class scientists and engineers, in conjunction with building up networks amongst the countries. Thus enabling Tokyo Tech to contribute further to the global community.

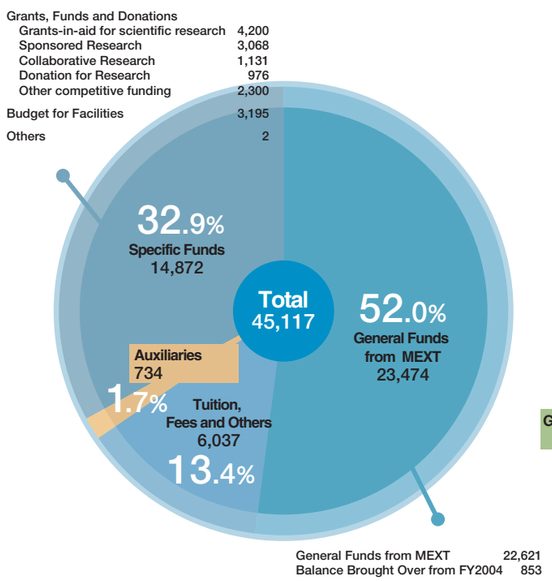
TOKYO INSTITUTE OF TECHNOLOGY

FINANCIAL DATA

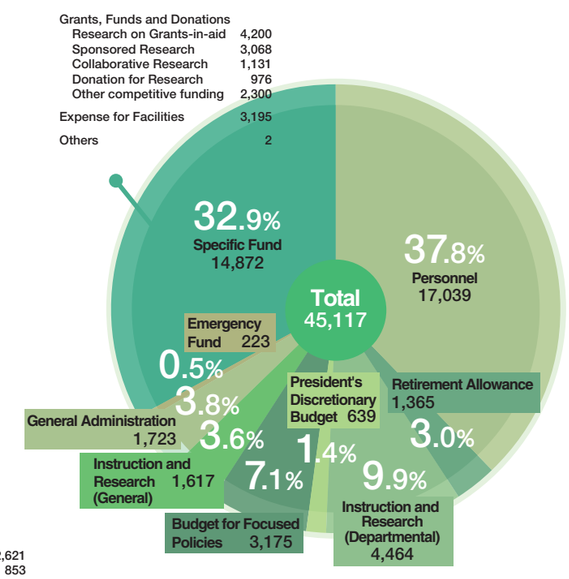
Budget FY2005

(Unit: million yen)

Revenue



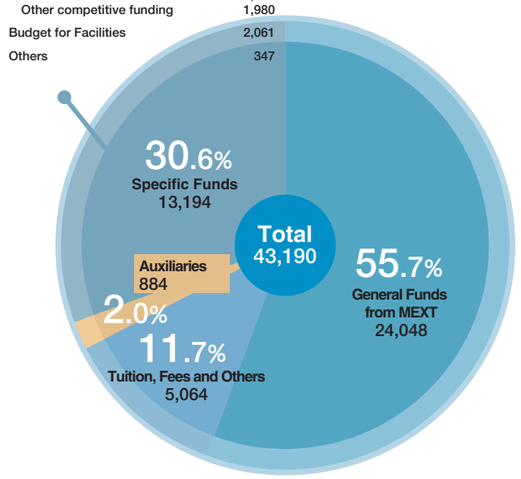
Expenditure



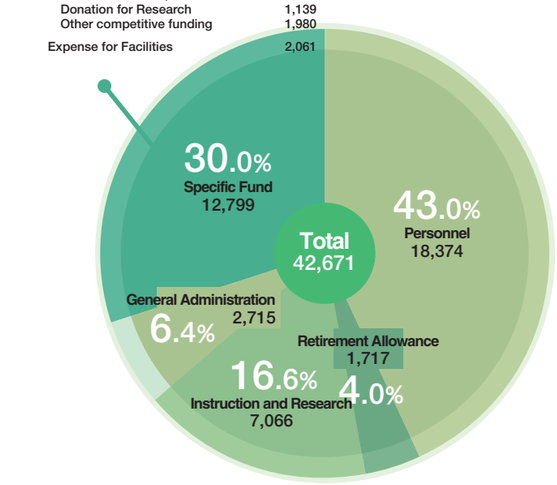
Final Accounts FY2004

(Unit: million yen)

Revenue



Expenditure



Grants for Research and Education

	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

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

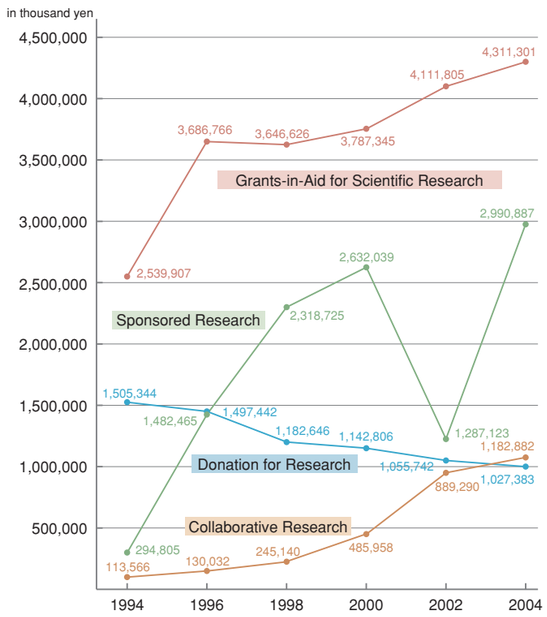
Grants-in-Aid for Scientific Research

FY2004

Area of Research	Number of Projects	Research Fund (in thousand yen)
Grant-in-Aid for Specially Promoted Research (2)	1	39,000 (9,000)
Grant-in-Aid for Scientific Research on Priority Areas (1)	8	91,700
Grant-in-Aid for Scientific Research on Priority Areas (2)	76	803,752
Grant-in-Aid for Exploratory Scientific Research	92	155,747
Grant-in-Aid for Young Scientists (A)	21	166,645 (38,457)
Grant-in-Aid for Young Scientists (B)	171	249,351
Grant-in-Aid for Scientific Research (S)	14	354,900 (81,900)
Grant-in-Aid for Scientific Research (A)(1)	9	94,250 (21,750)
Grant-in-Aid for Scientific Research (A)(2)	46	613,600 (141,600)
Grant-in-Aid for Scientific Research (B)(1)	7	31,800
Grant-in-Aid for Scientific Research (B)(2)	170	790,358
Grant-in-Aid for Scientific Research (C)(1)	9	24,300
Grant-in-Aid for Scientific Research (C)(2)	127	165,700
Grant-in-Aid for Creative Scientific Research (1)	1	117,000 (27,000)
Grant-in-Aid for Creative Scientific Research (2)	5	445,510 (102,810)
Grants-in-Aid for JSPS Fellows	168	167,688
Sum total	925	4,311,301 (422,517)

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.

Grants for Research and Education



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	457㎡
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.	7,533㎡
2	B2 Bldg.	8,380㎡
3	B1·B2-Annex A	2,753㎡
4	B1·B2-Annex B	1,530㎡
5	B1·B2-Annex C	980㎡

S-Area

1	S1 Bldg.	5,811㎡
2	S2 Bldg.	7,687㎡
3	S3 Bldg.	4,344㎡
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 High Bldg.	8,582㎡
5	R2-Annex A	452㎡
6	R2-Annex B	1,001㎡
7	R2-Annex C	659㎡
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	S1 J1
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, Administration Bureau	2-12-1 Ookayama, Meguro-ku, Tokyo 152-8550 TEL +81-3-3726-1111 (Number Guidance)
Suzukakedai	**Suzukakedai Campus** Graduate School of Bioscience and Biotechnology, Interdisciplinary Graduate School of Science and Engineering, Chemical Resources Laboratory, Precision and Intelligence Laboratory, Materials and Structures Laboratory, School of Bioscience and Biotechnology, Administration Office	4259 Nagatsuta-cho, Midori-ku, Yokohama, Kanagawa Prefecture 226-8503 TEL +81-45-922-1111 (Number Guidance)
Tamachi	**Tamachi Campus** Tokyo Tech High School of Science and Technology	3-3-6 Shibaura, Minato-ku, Tokyo 108-0023 TEL +81-3-3453-2251
Matsukazedai	Shofu Dormitories for Japanese (Shofu Gakusha) and International Students	21-13 Matsukazedai, Aoba-ku, Yokohama, Kanagawa Prefecture 227-0067 TEL +81-45-981-7115 (Shofu Gakusha), +81-45-983-9521 (Shofu Dormitory)
Umegaoka	Umegaoka Dormitory for International Students	17-2 Umegaoka, Aoba-ku, Yokohama, Kanagawa Prefecture 227-0052 TEL +81-45-971-6473
Kazawa	Kazawa Seminar House	1053-834 Aza-yunomaruyama, Oaza-Kanbara,Tsumakoimura, Agatsuma-gun, Gunma Prefecture 377-1524 TEL +81-279-98-0552
Oarai	Oarai Seminar House	257 Onuki-kakuichi, Oarai-machi, Higashiibaraki-gun, Ibaraki Prefecture 311-1311 TEL +81-292-67-5007
Omachi	Kisakiko Seminar House	14771-1 Oaza-taira, Omachi-shi, Nagano Prefecture 398-0001 TEL +81-261-23-1184
Toda	Toda Boat House	1-55 Toda-koen, Toda-shi, Saitama Prefecture 335-0024
Enzan	Yanagisawa-toge Mountain Hut	2319-1 Aza-namezawa, Oaza-oyashiki, Enzan-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

	School		Graduate School				Land (m²)	Building (m²)	Number of Books (Volumes)	Ordinary Expenditure (thousand yen)
			Master's Course		Doctoral Course					
	Admission	Number of Graduates	Admission	Number of Degrees Conferred	Admission	Number of Degrees Conferred				
1929	150							3,834	21,525	922
1940	252	178					262,902	54,542	41,848	2,128
1945	400	358					312,211	58,499	92,925	188,297
1950	*460 300	392					312,211	58,499	92,925	188,297
1955	355	335	135		68	37	309,514	71,114	111,173	449,037
1960	505	387	145	44	73	12	309,484	78,581	145,107	787,191
1965	705	590	213	205	87	37	308,737	111,166	200,208	2,479,788
1970	895	776	294	348	149	72	484,515	146,473	284,677	4,460,070
1975	774	790	617	509	205	68	510,683	185,309	360,499	11,378,068
1980	774	775	643	613	248	91	529,515	245,791	444,765	14,288,084
1985	836	776	665	694	250	86	531,848	261,968	538,884	17,451,680
1990	1,182	1,107	720	840	250	139	533,242	277,672	647,330	23,215,776
1995	1,317	1,282	908	1,154	331	253	535,239	319,404	750,172	34,181,384
2000	1,068	1,237	1,290	1,488	534	349	534,728	362,769	840,766	37,216,446
2001	1,068	1,188	1,290	1,497	534	346	534,728	368,935	858,316	34,951,647
2002	1,068	1,243	1,290	1,538	534	291	534,728	396,634	871,089	39,480,972
2003	1,068	1,156	1,291	1,559	535	357	534,728	419,728	886,484	43,653,615
2004	1,068	1,113	1,292	1,642	536	352	566,366	428,653	879,397	42,670,685
2005	1,068	—	1,322	—	543	—	566,366	428,492	891,753	—

Note: The figure marked with * represents the number of students admitted under the old education system.

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.

1996 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.

2001 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.

2002 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.

2003 May
The Educational Planning Office was established.

2003 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 Resource 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.

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

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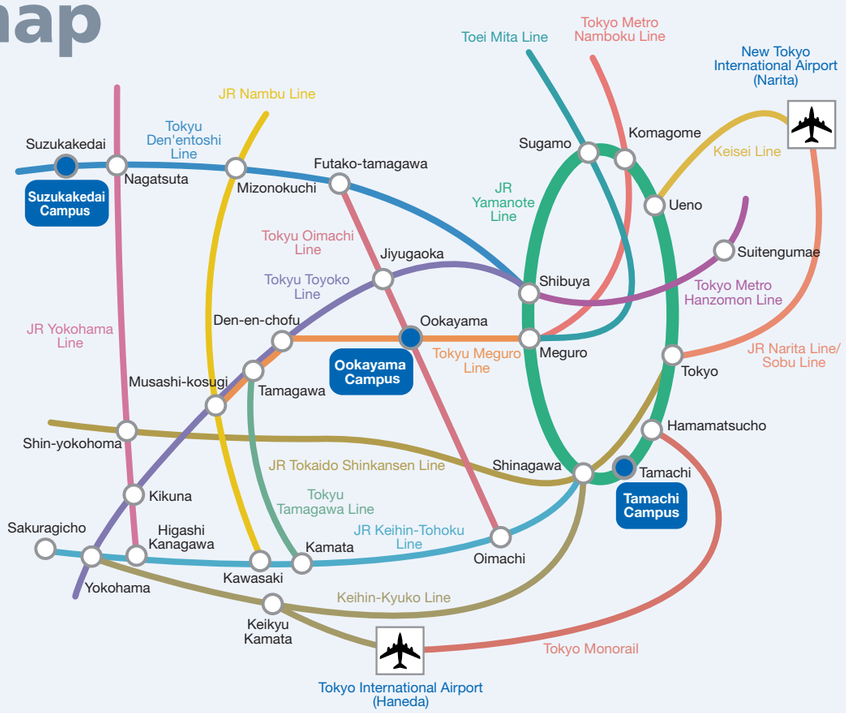
ASAZUMA, Miyoji	Director, Academic Information Department
MORIYA, Keiji	Director, Suzukakedai Administration Office

map



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