

National University Corporation

NAGOYA INSTITUTE of TECHNOLOGY Bulletin 2016-2017

Charter of Nagoya Institute of Technology

Fundamental Mission

Nagoya Institute of Technology (NITech) was founded as the first national institution of higher education in central Japan in order to develop the region as Japan's center of industry. Maintaining a respect for this historic mission and acting as one of the leading engineering institutes in Japan, NITech shall therefore make its fundamental mission as follows: developing revolutionary science and technologies, fostering rich human resources, and contributing to peace and social welfare of the future by acting as a source to consistently produce and develop new industries and culture.



Monozukuri (Innovation)

NITech shall respect practical and creative research activities based on the independent ideas of its members, encourage global academic cooperation, and endeavor to create new values while believing in the unlimited possibilities of engineering beyond the constraints of conventional frameworks of engineering.

Hitozukuri (Education)

NITech shall devote itself to foster leading human resources whose unique qualities and international minds possess the ability to develop a new science and technologies based on engineering and change the world by exploring, creating, challenging, and taking action.

Miraizukuri (Contribution)

NITech, as an open institute with a public mandate, shall emphasize harmony and cooperation with local and international societies, and strive to make continuous efforts to realize a peaceful and prosperous society for the future.

Message from the President

Embarking on a New Role on the Global Stage based on Tradition

Nagoya Institute of Technology (NITech) has been growing as one of the leading engineering colleges in Japan, along with remarkable development in science and technology fueled by the expansion and development of Japan's central region.

In April 2016, we made a new start by reorganising the conventional departments and courses and inaugurating a new six-year integrated undergraduate and graduate course.

Each research unit of NITech recruits researchers from overseas universities and research institutes, so as to strengthen the research capabilities of our institute and facilitate its rapid internationalisation. Through such efforts,



we seek to establish international research hubs at NITech. Furthermore, by taking full advantage of its highly evaluated track record in industry-academia collaborations, NITech will proactively support local companies that strive for further development, in order to help sharpen the global competitive edge of Japanese industry.

We are also working to further advance campus internationalisation. Chief among our efforts are improving the support system for international students, and augmenting international exchange facilities through the effective use of overseas offices and alumni associations. In conjunction with these activities, NITech strives to create a campus that enables students to develop themselves through exchanges with diverse people.

While endeavouring to maintain and strengthen its tradition and achievements, NITech remains committed to growing as an attractive institute that deserves support from industry, the local community, and its graduates. NITech is embarking on a new role on the global stage, further exploring forward-looking fields in the discipline of engineering to anticipate needs of the future.

Hiroyuki Ukai

Il. Ukan

President, Nagoya Institute of Technology



Charter of Nagoya Institute of Technology

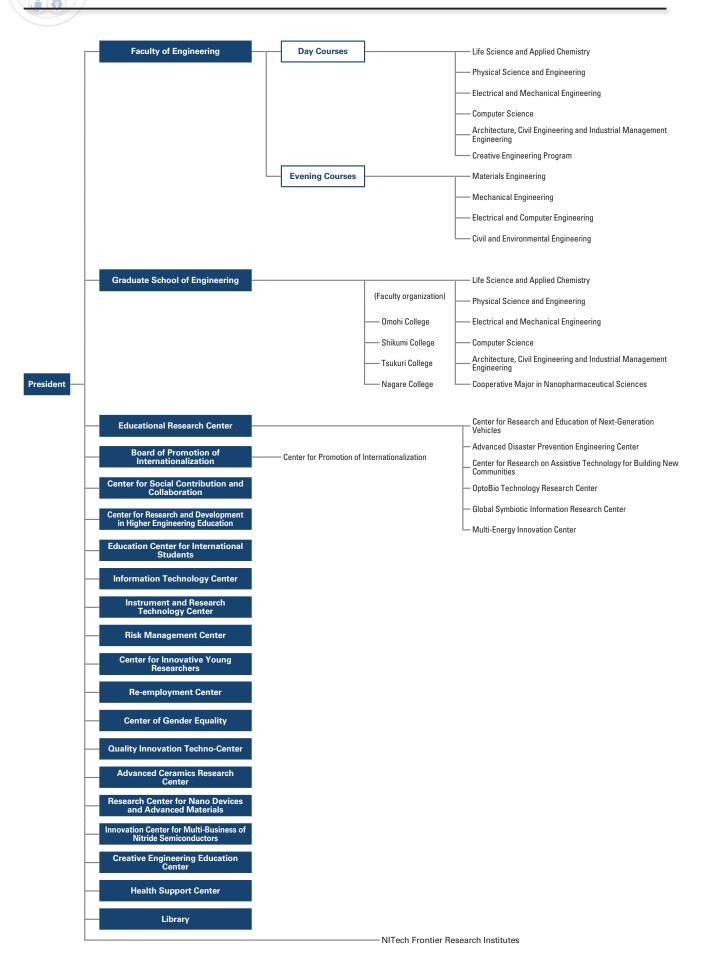
| Message from the President 1 |
|--|
| Education Research Organization 3 |
| Outline of Departments 4 |
| Programs for International Students 7 |
| Educational Research Centers 8 |
| Facilities on Campus12 |
| Overseas Liaison Office12 |
| Library13 |
| International Academic Exchange Agreements Concluded 14 |
| Number of International Students16 |
| Number of Students17 |
| Management Organization 19 |
| Number of Staff Members 20 |
| NITech Facilities21 |
| Academic Calendar, History, Financial Summary for FY 2015 22 |
| Campus Map23 |
| Students Life at NITech24 |
| Location25 |



Cover design

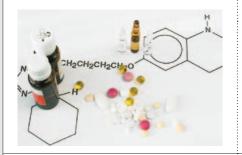
A *NOREN* is Japanese traditional curtain hung over a doorway to indicate that an establishment is open for business. Shop names are often left undyed. In this design, images of icons of new departments started in April 2016 are displayed, while images of new departments that have arisen from tradition have also been made.

Education Research Organization



Undergraduate / Graduate

- Undergraduate Life and Materials Chemistry
 - Soft Materials
 - Advanced Ceramics



The objective of this Department is to cultivate engineers with basic knowledge and skills in chemistry as applicable to environmental and energy problems, and other important issues. Students will acquire knowledge enabling them to understand molecular design, organic and inorganic syntheses, elucidation of life phenomena, polymer materials, material properties evaluation, analytical techniques, structural analysis, theoretical calculation, physical chemical phenomena, and process design. They will also gain the knowledge and skills to develop the preparation of new materials, and the elucidation and regeneration of biological functions.

Life Science and Applied Chemistry

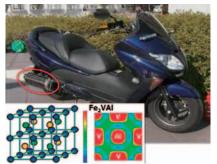
Graduate

- Life and Materials Chemistry
- Soft Materials
- Advanced Ceramics



The objective of this Department is to cultivate professional engineers with advanced knowledge and skills in chemistry as applicable to environmental and energy problems, and other important issues. Students will acquire knowledge enabling them to understand molecular properties and biological functions, engineer the properties of molecular materials, convert energy, and exchange or transmit information. They will also gain advanced knowledge and skills to develop engineering materials, drug development and biomaterials, environmentally friendly materials, and various functional materials informed by the study of biological functions.

- **Undergraduate** Materials Function and Design
 - Applied Physics

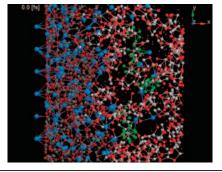


This department encompasses the creation of new simulation analyses and nano-scale measurement techniques and the design and development of innovative functional materials to support industrial development and the realization of a sustainable society. The integration of the scientific fields, "Materials Function and Design" and "Applied Physics," is important to cultivate human resources with advanced knowledge and skills in materials creation and physical properties analysis.

Physical Science and **Engineering**

Graduate

- Materials Function and Design
- Applied Physics



The objective of this department is to cultivate professional engineers who can create innovative materials and functional devices, which contribute to the solution of environmental and energy problems. The focus is to acquire cutting-edge knowledge and skills of material structure analysis and electronic structure control by elucidating important elementary processes in condensed and ultimate phases from the atomic and/or molecular level. Accordingly, students will develop advanced simulation analysis techniques, material property assessment techniques using nano-scale measurements, and physical properties and functional control techniques.

- Undergraduate Electrical and Electronic Engineering
 - Mechanical Engineering



Automobiles, trains, electronics and many other type of products in our daily lives are designed by integrating electrical, electronic and mechanical systems. The special strength of our department is that we provide engineers with an education encompassing a wide range of knowledge and application capabilities in Electrical and Electronic Engineering and Mechanical Engineering, from the basic principles and organic collaboration that allow such products to be realized, to the production technologies used to fabricate them. We have two programs available, both of which are deeply rooted in educational goals.

Electrical and Mechanical **Engineering**

Graduate

- Electrical and Electronic Engineering
- Mechanical Engineering



With the aim of enhancing and enriching our lifestyles, the Department of Electrical and Mechanical Engineering is engaged in advanced education and research to support the creation of a diverse range of industrial and scientific technologies. Starting from a solid academic foundation in Electrical and Electronic Engineering and Mechanical Engineering, and forging mutual collaboration between them, we cultivate human resources who can contribute to the creation of innovative technologies.

Undergraduate • Networks

- Computational Intelligence
- Multimedia and Human Computer Interaction



The Department of Computer Science offers attractive curricula of computer science and information technologies. We provide three programs. Each program consists of professional subjects in the forms of lecture classes, training exercises and experiments. Before going on to the professional subjects, students learn basic subjects of the field such as programming, computer hardware and software, algorithms, information theory and mathematics.

Computer **Science**

Graduate

- Networks
- Computational Intelligence
- Multimedia and Human Computer Interaction



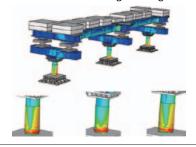
Mathematics and Mathematical Science

The objective of this department is to cultivate professional engineers who can leverage their advanced knowledge and skills in computer science and engineering to help create next-generation information systems and establish an advanced information society. Accordingly, students will acquire fundamental knowledge and skills related to advanced-function computing, network technology, computation theory, and mathematics, and gain advanced knowledge and skills essential for nextgeneration information systems.

Architecture. Civil **Engineering** and Industrial Management **Engineering**

Undergraduate • Architecture and Design

- Civil and Environmental Engineering
- Systems Management and Engineering



Graduate

- Architecture and Design
- Civil and Environmental Engineering
- Systems Management and Engineering



This department cultivates human resources who aspire to the above objective by providing education that enables them to expand the scope of research and development and serve as innovators and leaders in cutting-edge science and technology. Students will reinforce their competencies in next-generation statistical process management methods, service design and evaluation, and strategic human resource management. By underscoring intellectual rigor and practical application, the department orchestrates the evolution of students into researchers and engineers who can actively initiate urban development, urban

and traffic planning, and environmental conservation.

The objective of this department is to cultivate professional engineers with advanced knowledge

and abilities who can resolve environmental, human

and management issues, and as well as in building a

Accordingly, students will acquire advanced knowledge and skills related to system planning, strategy, design, evaluation, infrastructure arrangement, environment control, maintenance and management, and improvement, with the aim of arriving at a comprehensive understanding of people's activities from multiple perspectives, including factors such as cities and houses as places

for human activity, organizations and communities, the natural environment, activity productivity and

aesthetic values, and activity planning and diversity.

society capable of sustainable development.

Creative **Engineering Program**

Graduate (2 years)

- Undergraduate Materials and Energy Course
 - Computer and Social **Engineering Course**



The Creative Engineering Program has been newly established in 2016 in order to train engineers and researchers who will change future industry and society through technology. This program serves as a six-year integrated undergraduate and graduate course, with a cross-sectoral curriculum covering the entire field of engineering, and various practical classes such as "Laboratory Rotation." Through these studies, students are expected to become comprehensive engineers with knowledge of engineering in a wide range of fields.

Graduate

- Synthesis of Functional Medicine
- Drug Delivery
- Nanoengineering for Medicine









The Department of Nanopharmaceutical Sciences was established in cooperation with the Graduate School of Engineering at the Nagoya Institute of Technology and the Graduate School of Pharmacy at Nagoya City University. This department has three divisions: the Division for the Synthesis of Functional Medicine (fine organic synthesis and biotechnology); the Division of Drug Delivery (science of drug delivery, science of drug dynamics, and protein engineering); and the Division of Nanoegineering for Medicine (nanobioengineering biomechanics, and nanoimaging). Graduate students of this department study engineering and pharmacy on an equal basis, and will become core researchers and engineers in various fields of research and development, such as new drugs, functional foods, and cosmetics.

Programs for International Students

International Graduate Program for Global Engineers

NITech has launched a master's course program in manufacturing technology. The program is designed for overseas students who want to develop a career in the Japanese manufacturing industry. Several manufacturing companies in the region collaborate with the program, and some offer students internship opportunities. The graduates of this program are recommended to be employed by these companies.

- Target level: Postgraduate (Master's degree)
- Year of Implementation: From FY 2007
- Main scholarships: MEXT scholarships, NITech scholarships, etc.

Double Degree Program linked to Doctoral Program

This program enables students from partner universities in China to obtain a full degree from our Institute in addition to the degree from the home university under the supervision of a research advisor linked to both institutions. The student can then go on to obtain a doctorate degree from one of the two universities.

- Target level: Postgraduate (Master's or PhD degree)
- Year of implementation: From FY 2007
- Partner institutions: Tongji University (China),

Beijing University of Chemical Technology (China)

• Main scholarships : NITech scholarships, etc.

Hanoi Twinning Program

This program is offered in partnership with Hanoi University of Science and Technology in Vietnam. For the first part of their undergraduate studies, students spend two-and-a-half years in Vietnam taking Japanese language classes and classes in their specialized fields in their native tongue. For the latter half of the program, students are educated in their specialized fields at NITech.

- Objective: To train engineers to be future leaders in the manufacturing industry
- Target level: Undergraduate
- Year of implementation: From FY 2007
- Partner institution: Hanoi University of Science and Technology (Vietnam)
- Main scholarships: Exemption of tuition, etc.

Afghanistan Young Faculty Education Program for Kabul University

NITech is supporting the revitalisation of universities in Afghanistan through this program, wherein young educators in the fields of civil engineering, electricity and information—who are in short supply in Afghanistan—are reeducated in these fields and earn degrees through NITech's Master's or Doctorate program.

- Objective: To support higher education in developing countries
- Target level: Postgraduate (Master's or PhD degree)
- Year of implementation: From FY 2006
- Partner institution: Kabul University (Afghanistan)
- Main scholarships: Government-funded scholarships for international students

Educational Research Centers



Center for Research and Education of Next-Generation Vehicles

The Center for Research and Education of Next-Generation Vehicles was established to conduct research in the next-generation automobile-related field, which integrally solves energy problems and environmental problems, to build up next-generation automobile engineering associated with industries, as well as to provide education relating to next-generation automobile engineering. As one of its functions, this research center carries out research and development in the Producing Technology Division, the Power Control Division and the Power Electronics Division.

Another activity is to create education programs utilizing the "Factory Manager's Training workshop," the "3D-CAD engineer training course," and resources from the R & D Division of this center.



Advanced Disaster Prevention Engineering Center

Prediction, mitigation and control of huge natural disasters such as earthquakes, tsunamis and typhoons will be the final goal of ADPEC. By clarifying the process and mechanism of each type of natural disaster and developing various kinds of technologies utilized in connection to such huge disasters, we aim to establish a world leading research center for disaster prevention and mitigation.

Meanwhile, we will make every effort to help prevent and mitigate huge disasters based on the viewpoint of useful and easily acceptable technologies. We always keep in mind that the technology we develop should be able to make a real contribution to the construction of a robust society that can stand firm in the face of a natural disaster.



Center for Research on Assistive Technology for Building New Communities

The center aims at continuous and comprehensive research on assistive technology for building new communities in Japan in the 21st century, the era of the aging society. Such new communities would enable people of all generations to cooperate and live happily through the union of engineering, humanities and social sciences.

Activities: One of the aims of the center is to contribute to continuous and comprehensive research on assistive technology for building new communities in the 21st century in Japan, known as the "society of the aged." The other aim is to evaluate the quality of assistive technology from the standpoint of building a new community.



OptoBio Technology Research Center

Life science utilizing optotechnology is a rapidly growing research field. "Optogenetics" has recently brought about outstanding breakthroughs in brain science, while the established "optical measurement" technique was awarded the Nobel Prize in 2008. The center contributes to our community by creating a new field of industry, which is based on the engineering approach in life science that is engaged in light reactions. By comprehending the physics of light, and in order to manufacture bio-inspired new materials, we aim to improve the health-related quality of life. Membrane protein rhodopsins, for instance, the light-driven ion-pump, which has already been applied in the field of optogenetics, are still to be optimized to give the best performance and safety. Across three departments, we will spur each other on in enhancing our respective research activities in tight collaboration, as well as promoting the integration of interdisciplinary research fields beyond the center.



Global Symbiotic Information Research Center

In recent years, various social problems have been emerging due to differences in language, culture, values and psychosomatic function as a result of rapid globalization and social diversification. For example, diplomatic problems based on differences in culture, historical views and religion are increasing year by year.

In this research center, we develop information technologies for people to communicate harmoniously and reach agreements while overcoming differences in language, culture, historical views, values, psychological function, etc. In addition, we develop information technologies to remove barriers for impaired people, and support these people in participating fully in society.



Multi-Energy Innovation Center

The generation of "green" energy is a global concern and especially important in Japan. For the green energy generation, various types of energy sources must be available. Thus one of the solutions of the green energy system must be an independent micro energy supply system consisting of various types of energy sources (multi-energy sources) with less energy accumulated, controlled by an intelligent total energy manager, and the parallel development of cheaper and higher performance energy accumulators. At the Nagoya Institute of Technology, researches on the "generation," "storage," "saving," and "delivery" of energy had been conducted independently. The Multi-energy Innovation Center was recently established to construct the above-described green energy system based on our own research achievements.



Center for Social Contribution and Collaboration

In order to promote and strengthen our industry-academia-government collaboration strategy, this center has been organized into two divisions: the Planning and Administrative Division and the Intellectual Property Utilization Division. The latter has such functions as technology transfer support and practical liaison activities. As a core organization for promoting NITech's industry-academia-government collaboration project, we aim to enhance the function of our one-stop service, and facilitate further coordination with industry.



Center for Research and Development in Higher Engineering-Education

The Center for Research and Development in Higher Engineering Education was established in April 2005 to support the engineering education system of NITech (Nagoya Institute of Technology). The center consists of three offices: the "Admission Research Office," the "Educational Research and Development Office," and the "Career Support Office."



Education Center for International Students

The center aims at supporting the educational activities of international students through Japanese language courses and various activities related to Japanese culture. The center provides three Japanese language courses for international students and a family Japanese course for students' families. Each course consists of several classes which meet the language fluency level and the purposes of each student. The center thereby helps international students develop into internationally focused individuals who can play an active role in international society. The following are examples of our activities: tours and seminars of industrial sites and Japanese culture, career support seminars, and multi-cultural tours with Japanese students.



Information Technology Center

The Information Technology Center opened in April 2006. This organization provides the information infrastructure for the Nagoya Institute of Technology. The center consists of three sections:

(1) Database administration, (2) Course management systems, and (3) Network management and network security. We are also developing a new system for administrative offices and education services based on IT technology. We carry out education and research in the areas of computer networks, information media, and computer and network security.



Instrument and Research Technology Center (IRC)

The main missions of the Instrument and Research Technology Center are (1) the management of large-scale instruments for research and (2) the promotion of cooperative use of the instruments. The staff (1) carry out research for advanced instrumental analyses and (2) provide support for education and research on the campus and/or industry. The dedicated staff also provide scientific and technical consultation for instrumental analyses.



Risk Management Center

The center aims to protect normal academic operations and minimize potential damage, in the case of a natural disaster, accident, legal matter or any other emergency that might place students and staff of NITech at risk, bring disgrace to NITech, or cause serious damage to the assets or property of NITech. The center consists of two sections: the Disaster Prevention Section and the Legal Risk Section.



Center for Innovative Young Researchers

The center was established in 2009 based on the "Program to Train Innovative Young Researchers through Industry-Academia-Government Collaboration" financed by the Ministry of Education, Culture, Sports, Science and Technology, with a view to assisting innovative young researchers in conducting interdisciplinary and integrated research at the internationally recognized level and contributing to emerging disciplines. The center has taken charge of evaluating young researchers based on the "Program to Disseminate the Tenure Tracking System" since 2013, and all newly employed research associates since 2015.



Center of Gender Equality

The Center of Gender Equality (CGE) was established in December 2014 to promote diversity and gender equality on campus in order to create a more productive and comfortable academic environment for all members. In order to realize this concept, we are presently committed to conducting varied measures geared toward researchers' life-event related needs. We are also now part of the Ministry of Education project to support women researchers in the field of science and technology. Thus, we aim to 1) provide academic support for women researchers, 2) investigate and try to support solutions to their problems, 3) help establish a network of women researchers to bring them moral support, and 4) spread the concepts of diversity and gender equality. Managing the counselling room for a better work-life balance for both sexes, the CGE seeks to create a people-friendly academic environment in which every member can pursue her/his research in a comfortable and productive manner.



Quality Innovation Techno-Center

The Quality Innovation Techno-Center was established by a ministerial ordinance in April 2002 to provide advanced practical education on quality innovation, not only to students but also to people already in employment, and to carry out research and development on education systems of quality innovation. The main objective of this center is to attempt to have young people develop their dreams and ambitions as well as an adventurous and challenging spirit toward quality innovation in the 21st century by offering an environment for technical education based on both intramural and extramural practice. The following are examples of our activities: intramural education to further enrich practical education in workshops for students and graduate students, education for extramural business workers, and technical lectures for junior high and high school students.



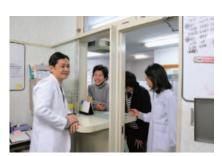
Advanced Ceramics Research Center

Our mission is the research of fundamental ceramic science and the development of advanced intelligent ceramics for the solution of environmental and energy problems in the 21st century. The Ceramics Research Laboratory (CRL) was established in 1973 and moved to Tajimi City in 1977. The pottery industry in this East-Gifu region has a long history. The CRL has been supporting the industrial research of many companies in this local area. In 2012, the CRL was reorganized into the present center for the purpose of developing intelligent ceramics. Since then, it has contributed to ceramic science as well as academic education for research engineers on a worldwide scale. Recently, national projects and collaborations with other organizations and companies have led to excellent academic and technological work in the field of ceramics and related materials.











Research Center for Nano Devices and Advanced Materials

The Research Center for Nano Devices and Advanced Materials was established on April 1, 2003, following the wind-up of a 10-year project—the "Research Center for Micro-Structure Devices"—on March 31, 2003. The purpose of the center is to conduct research on the physical properties of materials with a micro-structure (nano-structure) and their application to electronic and photonic devices, taking over the research works of "Heteroepitaxial Crystals of Micro-Structures," "Basic Characterization," and "Device Fabrication and Its Characterization" studied at the previous research center.

Innovation Center for Multi-Business of Nitride Semiconductors

The Innovation Center for Multi-Business of Nitride Semiconductors was established as the base of industry-university-government cooperation for developing practical applications of GaN-based power devices with NITech's pioneering crystal growth technique to fabricate GaN film on Si substrates. The project realizes energy-saving semiconductors with high-added value by taking advantage of the existing production lines of Si devices in collaboration with corporations dedicated to developing equipment for crystal growth and device processing, large-diameter and high-quality materials, and devices for home appliances, communications, automobiles, etc. The development process of equipment, materials, and devices are permanently conducted under one roof.

Creative Engineering Education Center

The center aims to plan and support the implementation of the new education curricula of the Creative Engineering Program to acquire multidisciplinary views as well as multilateral values based on a deep understanding of science and technology and proficiency in engineering methodology.

It contains the following three departments:

- 1) The Creative Engineering Educational Planning and Evaluation Department, to plan and evaluate the Creative Engineering Program
- 2) The International Cooperative Education Department, to coordinate international cooperation on education and prepare educational materials
- 3) The Social and Industrial Cooperative Education Department, to support business and social solution studies and coordinate regional collaboration work study programs.

Health Support Center

This center provides health support for all members of the university, and offers early diagnosis and treatment, prevention of relapse, and onset prevention. Under the School Health and Safety Law together with the Labour Safety and Health Law, we organize a health checkup for all workers and students. Anyone can have a personal consultation with an internal physician (MD), psychiatrist (MD), clinical psychologist, or nurse. First aid is also available.

NITech Frontier Research Institutes

To strengthen this Institute's research education function and to construct a ground where talented researchers can continuously generate notable research results, the Frontier Research Institute for Materials Science and the Frontier Research Institute for Information Science shall be established. These Institutes shall consist of young researchers based on excellent research results from NITech's respective fields.

The first purpose of these Frontier Research Institutes is to promote international joint research through concentrated investments of NITech's research resources, and create an international driving force for innovation in the Energy, Healthcare, and Intellectual Technology fields. The second purpose is to foster global research leaders who can play active roles in industry, academia and government, and contribute to regional and industrial development.

Facilities on Campus

NITech International House

The purpose of International House is to promote international exchange in education and research, and also to provide accommodations for students and researchers with places to live.

Foreign students may move in April and October, period of stay is within 6 months. Students can have meetings or parties in the lobby or Japanese style room upon request.

A new international dormitory (tentative name)

A construction project of a new dormitory for 200 residents is in progress. The first -movingin period will start from October 2017. The second period will start from April 2018.



Overseas Liaison Office

★ Board of Promotion of Internationalization

The Board of Promotion of Internationalization was organized in April 2013, for the purpose of developing a policy regarding international relations, such as cooperation/exchange of students and research with overseas institutions of higher education.

As a core organization for promoting NITech's internationalization, we shall establish overseas liaison offices, implement projects, facilitate overseas dispatch of students, and develop a global network.

Contact: intpromo@adm.nitech.ac.jp

NITech Liaison Office in Beijing

The Nagoya Institute of Technology Beijing Office was established in the campus of the Beijing University of Chemical Technology (BUCT) in June 2011 under the Memorandum of Understanding on the Establishment of the Liaison Offices with BUCT. This office is determined to play a central role in China.

NITech Liaison Office in Malaysia

The Malaysia Office was established in the campus of Universiti Teknologi MARA (UiTM) in March 2013 under the Memorandum of Agreement on the Establishment of Liaison Offices with UiTM as our main base in Malaysia.

NITech Europe Liaison Office

The NITech Europe Liaison Office was established at Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU) in Erlangen, Germany in July, 2013 under the Memorandum of Agreement on the Establishment of Liaison Offices with FAU. This office plays a key role in Europe.



As the information center of NITech, the NITech library serves the students, faculty, and staff of NITech by collecting, cataloging, conserving books and other materials, and providing smooth access to them for research, study and education. There are various rooms available.



Floor Plan

| 4th floor | Serials (Technology), Seminar Room |
|-----------|--|
| 3rd floor | Serials (Natural Science, Technology, Industry), Study Booths, Seminar Room, Current Serials, NITech University Document Room, International Exchange Corner |
| 2nd floor | Books (Technology, The arts, Language), Serials (Social Sciences, Natural Science), PC/AV Corner, Media Room, Reading Area, Seminar Room, Regional-Collaboration Corner, PC Corner, Stacks, Refresh Corner |
| 1st floor | Books (Natural Science, Technology, General, Philosophy, History, Social Sciences, Literature, Industry), Counter, Electronic Resources Corner, Browsing Corner, Information Corner, Stacks |
| Basement | Closed Stacks |

Opening hours

| Semester Hours | Monday – Friday | 8 : 45 – 21 : 45 | | | | |
|----------------|---------------------------|------------------|--|--|--|--|
| Semester mours | Sat. – Sun, Nat. Holidays | 8:45 – 16:45 | | | | |
| Vacation Hours | Monday – Friday | 8 : 45 – 16 : 45 | | | | |

The collection

(as of March 31, 2016)

| | | • | |
|-------------------|----------|---------|---------|
| Print | Japanese | Foreign | Total |
| Books | 263,038 | 211,501 | 474,539 |
| Journals | 2,372 | 3,146 | 5,518 |
| Electric Books | 436 | 19,152 | 19,588 |
| Electric Journals | 536 | 7,011 | 7,547 |





Library Use in 2015

| Open Days | 325 Days |
|-------------------|-----------------|
| Users | 290,353 Persons |
| Book Lending | 43,993 Volumes |
| Copying Documents | 1,115 Cases |

NITech Repository Use (as of March 31, 2016)

| Items Archived | 4,118 |
|----------------|-----------|
| Item Views | 334,370 |
| Item Downloads | 1,503,907 |

NITech Repository system (http://repo.lib.nitech.ac.jp)

You can search and read the scholarly literature (doctral dissertation, academic papers etc.) produced at the Nagoya Institute of Technology using the NITech Repository System.

International Academic Exchange Agreements Concluded

| Number of University Partnerships | 54 |
|-----------------------------------|----|
| Number of Department Partnerships | 18 |
| Number of Countiries & Regions | 28 |

- ☆ About Student Exchange Indicators:
 - exchange of students WITH tuition waiver program
 exchange of students WITHOUT tuition waiver program

(as of May 1, 2016)

| | | | | | (as of Iviay 1, 2016) | | | | | | | | |
|------|-------------------|---|------------|------------|-----------------------|---------------------|-------------------|--------------------------|--|--|--|--|--|
| | | | Department | Date | | Prog | gram | | | | | | |
| Coun | tries & Regions | Partners | Partners | Concluded | ☆ Student Exchange | Faculty Exchange | Joint Research | Sharing Sci. Material | | | | | |
| | Afghanistan | Kabul University | | 2005.11.22 | 0 | 0 | 0 | 0 | | | | | |
| | Bangladesh | Bangladesh University of Engineering & Technology | | 1999. 8.31 | 0 | 0 | 0 | 0 | | | | | |
| | | Shaanxi University of Science & Technology | | 1990. 9. 6 | 0 | 0 | 0 | 0 | | | | | |
| | | Tsinghua University | | 1994.10.10 | • | 0 | 0 | 0 | | | | | |
| | | Xi'an Jiaotong University | | 1996.11.18 | • | 0 | 0 | 0 | | | | | |
| | | Zhejiang University | | 1997. 2.28 | 0 | 0 | 0 | 0 | | | | | |
| | | Beijing Institute of Technology | | 1997.10.13 | 0 | 0 | 0 | 0 | | | | | |
| | | Beijing University of Chemical Technology | | 2005. 2.23 | • | 0 | 0 | 0 | | | | | |
| | | The Institute of Carbon Fibers and Composites, Beijing University of Chemical Technology (Advanced Ceramics Research Center) | 0 | 2007.11.21 | | 0 | 0 | 0 | | | | | |
| | China | Tongji University | | 2006. 6. 6 | • | 0 | 0 | 0 | | | | | |
| | | Institute of Semiconductors, Chinese Academy of Sciences | | 2007. 5.18 | | 0 | 0 | 0 | | | | | |
| | | Fudan University | | 2007.12.30 | 0 | 0 | 0 | 0 | | | | | |
| | | Sun Yat-sen University | | 2008. 5. 9 | 0 | 0 | 0 | 0 | | | | | |
| | | Sichuan Academy of Social Sciences | | 2008.11. 5 | 0 | 0 | 0 | 0 | | | | | |
| | | College of Materials, Xiamen University (Dept. of Frontier Materials, Graduate School of Engineering) | 0 | 2009. 1.29 | 0 | 0 | 0 | 0 | | | | | |
| | | Dalian Neusoft University of Information | | 2010. 4.12 | • | 0 | 0 | 0 | | | | | |
| | | Changchun University (Library) | 0 | 1995. 1.17 | | 0 | | 0 | | | | | |
| | | Jilin University (Library) | 0 | 1995. 1.16 | | 0 | | 0 | | | | | |
| | | Anna University | | 1996. 9. 5 | • | 0 | 0 | 0 | | | | | |
| | | Indian Institute of Technology, Bombay | | 2002. 6.19 | • | 0 | 0 | 0 | | | | | |
| | | Central Glass and Ceramic Research Institute | | 2005. 6. 2 | | 0 | 0 | 0 | | | | | |
| | | University of Delhi | | 2007. 6.29 | • | 0 | 0 | 0 | | | | | |
| | India | National Institute of Technology, Tiruchirapalli | | 2009. 2.24 | • | 0 | 0 | 0 | | | | | |
| Asia | | Institute of Minerals and Materials Technology, Council of Scientific & Industrial Research (Advanced Ceramics Research Center) | 0 | 2013. 8.11 | | 0 | 0 | 0 | | | | | |
| | | Centre for Photonics and Nanotechnology, Sona College of Technology (Dept. of Frontier Materials, Graduate School of Engineering) | 0 | 2014. 3. 5 | 0 | 0 | 0 | 0 | | | | | |
| | Indonesia | Udayana University | | 2003.10.14 | • | 0 | 0 | 0 | | | | | |
| | | Hanyang University | | 2003. 3.10 | • | 0 | 0 | 0 | | | | | |
| | Popublic of Koron | School of Electrical Engineering and Computer Science, Seoul National University (Dept. of Computer Science and Engineering, Graduate School of Engineering) | 0 | 2005. 9.20 | | 0 | 0 | 0 | | | | | |
| | Republic of Korea | Department of Industrial Engineering, Graduate School of Engineering, Seoul National University (Dept. of Architecture, Civil Engineering and Industrial Management Engineering, Graduate School of Engineering) | | 2015.10.12 | | 0 | 0 | 0 | | | | | |
| | | Myongji University | | 2010. 9.30 | • | 0 | 0 | 0 | | | | | |
| | | Universiti Teknologi MARA | | 2005. 7. 8 | • | 0 | 0 | 0 | | | | | |
| | | Universiti Teknologi Malaysia | | 2006. 6.29 | • | 0 | 0 | 0 | | | | | |
| | Malaysia | Microelectronic and Nanotechnology-Shamsuddin Research Centre (MiNT-SRC), Universiti Tun Hussein Onn Malaysia (Dept. of Engineering Physics, Electronics and Mechanics, Graduate School of Engineering and Dept. of Frontier Materials, Graduate School of Engineering) | 0 | 2012. 8.16 | 0 | 0 | 0 | 0 | | | | | |
| | Sultanate of Oman | Sultan Qaboos University | | 2003. 3. 5 | • | 0 | 0 | 0 | | | | | |
| | | Thammasat University | | 2004. 3.11 | • | 0 | 0 | 0 | | | | | |
| | Thailand | Thai-Nichi Institute of Technology | | 2007.10.30 | • | 0 | 0 | 0 | | | | | |
| | | Chulalongkorn University | | 2008.11.14 | • | 0 | 0 | 0 | | | | | |
| | Taiwan | National Taipei University of Technology | | 2005. 8.16 | • | 0 | 0 | 0 | | | | | |
| | Turkey | Graduate School of Science & Engineering, Dumlupinar University (Dept. of Frontier Materials, Graduate School of Engineering) | 0 | 2013. 7. 9 | 0 | 0 | 0 | 0 | | | | | |
| | Vietnam | Institute of Materials Science, Vietnamese Academy of Science and Technology | | 2008. 2.21 | • | 0 | 0 | 0 | | | | | |
| | | Hanoi University of Science and Technology | | 2008. 9.18 | • | 0 | 0 | 0 | | | | | |

| | | | _ | _ | | Prog | ıram | |
|------------------|-----------------|--|------------------------|-------------------|-----------------------|---------------------|-------------------|--------------------------|
| Coun | tries & Regions | Partners | Department Partners | Date Concluded | ☆ Student Exchange | Faculty Exchange | Joint Research | Sharing Sci. Material |
| Oceania | Australia | Australian Institute for Bioengineering & Nanotechnology, The University of Queensland (Dept. of Material Science and Engineering, Graduate School of Engineering) | 0 | 2013. 5.15 | 0 | 0 | 0 | |
| | Austria | Vienna University of Technology | | 2014. 8.26 | • | 0 | 0 | 0 |
| | Netherlands | European Network for Cyber Security (ENCS) (Dept. of Architecture, Civil Engineering and Industrial Management Engineering, Graduate School of Engineering) | | 2015.12. 9 | | 0 | 0 | 0 |
| | Bulgaria | St. Cyril and St. Methodius University of Veliko Turnovo | | 2013. 9. 2 | • | 0 | 0 | 0 |
| | Finland | Aalto University | | 2003. 1.31 | • | 0 | 0 | 0 |
| | | École Nationale Supérieure de Céramique Industrielle (ENSCI) & Université de Limoges | | 2003. 2.18 | • | 0 | 0 | 0 |
| | | École Nationale Supérieure de Chimie de Lille | | 2003. 2.19 | • | 0 | 0 | 0 |
| | France | École Françaiss d'Électronique et d'Informatique (EFREI) & Esigetel, Engineering School of Digital Sciences (ESIGETEL) | | 2015. 5.28 | • | 0 | 0 | 0 |
| | | École Spéciale des Travaux Publics, du Bâtiment et de L'Industrie (ESTP) | | 2009. 3.11 | • | 0 | 0 | 0 |
| | | École d'ingénieurs généralistes (ESIGELEC) | | 2010. 3. 8 | • | 0 | 0 | 0 |
| | | University of Poitiers | | 2010.10. 5 | • | 0 | 0 | 0 |
| | Germany | Faculty of Electrical Engineering and Information Technology, Chemnitz University of Technology (Dept. of Computer Science and Engineering, Graduate School of Engineering) | 0 | 2006.10.23 | | 0 | 0 | 0 |
| | | Friedrich-Alexander University Erlangen-Nuremberg | | 2011. 3.11 | • | 0 | 0 | 0 |
| Europe | | The Department of Civil Engineering, The University of Salerno (Dept. of Scientific and Engineering Simulation) | | 2015.10.15 | 0 | 0 | 0 | 0 |
| | Italy | The University of Milan | | 2004. 3.30 | 0 | 0 | 0 | 0 |
| | | Department of Engineering & Management, University of Padua (Dept. of Computer Science and Engineering, Graduate School of Engineering) | 0 | 2011. 1.17 | 0 | 0 | 0 | 0 |
| Europe It | Poland | Faculty of Computing Science and Management, Poznan University of Technology (Dept. of Computer Science and Engineering, Graduate School of Engineering) | 0 | 2006.12.29 | | 0 | 0 | 0 |
| | Romania | "Alexandru Ioan Cuza" University of Iasi | | 1999. 8.10 | 0 | 0 | 0 | 0 |
| | Russia | Mendeleyev University of Chemical Technology of Russia | | 1991. 5.16 | 0 | 0 | 0 | 0 |
| | Spain | The University of Alcalá | | 2015. 1.28 | • | 0 | 0 | 0 |
| | | Universidad Politècnica de València | | 2000.11.14 | • | 0 | 0 | 0 |
| | Sweden | Luleå University of Technology | | 2013.10.14 | • | 0 | 0 | 0 |
| | | Imperial College London | | 1991. 6. 3 | 0 | 0 | 0 | 0 |
| | | The University of Leeds | | 1991. 6. 4 | 0 | 0 | 0 | 0 |
| | United Kingdom | The Institute of Particle Science and Engineering, The University of Leeds (Advanced Ceramics Research Center) | 0 | 2007.11. 6 | | 0 | 0 | 0 |
| | | The University of Sheffield | | 2005. 7. 8 | | 0 | 0 | 0 |
| | | University of Arkansas – Fort Smith | | 2007. 5.16 | 0 | 0 | 0 | 0 |
| North America | U.S.A | Clemson University | | 2008. 2. 7 | 0 | 0 | 0 | 0 |
| | | University of Florida | | 2010. 7.28 | 0 | 0 | 0 | 0 |
| South America | Brazil | Graduate Program in Electrical and Computer Engineering, Federal University of Technology Parana (Global Symbiotic Information Research Center) | 0 | 2014. 8.19 | | 0 | 0 | 0 |
| | | University of Brasilia | | 1999. 1. 7 | • | 0 | 0 | 0 |

Note: The names of departments listed above are at the time of signing of the Agreements.

Number of International Students

(as of May 1, 2016)

| Classification | | Graduat | e School | | Undava | | Deceareh | Students | Total | | | | | |
|------------------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|-------|--|--|--|
| | Master's | Courses | Doctor's | Courses | Underg | raduate | Kesearch | Students | | Iotai | | | | |
| Countries & Regions | Govt. Supported | Self Supported | Total | | | |
| Afghanistan | 3 | | 4 | 1 | | | | | 7 | 1 | 8 | | | |
| Bangladesh | 1 | 1 | 2 | | | | | | 3 | 1 | 4 | | | |
| Brazil | | | 1 | | 2 | | | 1 | 3 | 1 | 4 | | | |
| China | | 46 | 4 | 22 | | 29 | | 40 | 4 | 137 | 141 | | | |
| China (Taiwan) | | | | | | | | 1 | 0 | 1 | 1 | | | |
| Egypt | | 1 | | 1 | | | | 3 | 0 | 5 | 5 | | | |
| Ethiopia | | 1 | | | | | | | 0 | 1 | 1 | | | |
| Finland | | | | | | | | 3 | 0 | 3 | 3 | | | |
| France | | | | 2 | | | | 1 | 0 | 3 | 3 | | | |
| Guinea | 1 | | | | | | | | 1 | 0 | 1 | | | |
| India | 6 | 9 | 3 | 2 | | | | | 9 | 11 | 20 | | | |
| Indonesia | | | 1 | 1 | 1 | | | 1 | 2 | 2 | 4 | | | |
| Republic of Korea | | 4 | | 2 | 15 | 16 | | | 15 | 22 | 37 | | | |
| Madagascar | 1 | | | | | | | | 1 | 0 | 1 | | | |
| Malaysia | 2 | | | 2 | | 18 | | | 2 | 20 | 22 | | | |
| Mali | | 1 | | | | | | | 0 | 1 | 1 | | | |
| Mexico | | | | | | | 1 | | 1 | 0 | 1 | | | |
| Mongolia | | | 1 | | | 1 | | | 1 | 1 | 2 | | | |
| Nepal | | | | 1 | | | | | 0 | 1 | 1 | | | |
| Spain | 1 | | | | | | | | 1 | 0 | 1 | | | |
| Thailand | 1 | | | | | | | | 1 | 0 | 1 | | | |
| Uganda | | | | | 1 | | | | 1 | 0 | 1 | | | |
| Vietnam | 2 | 6 | | 1 | | 18 | | 1 | 2 | 26 | 28 | | | |
| Total | 18 | 69 | 16 | 35 | 19 | 82 | 1 | 51 | 54 | 237 | 291 | | | |
| Total | 8 | 7 | 5 | 1 | 10 |)1 | 5 | 2 | 29 | 91 | | | | |

Note: Govt. Supported ; Japanese Government Scholarship Students

Self Supported ; Foreign Government Sponsored Students and Privately Financed Students



Faculty of Engineering (Day Courses)

(as of May 1, 2016)

| | Enrol | lment | | | | | | С | urren | t Enro | llme | nt | | | | | |
|---|-------------|---------------|---------|--------|----------|----------|---------|----------|----------|---------|----------|----------|---------|------------|------------|----------|------------|
| Departments | A1 | T-4-1 | 1 | st Ye | ar | 21 | nd Ye | ar | 3 | rd Yea | ar | 4 | th Ye | ar | Total | | |
| | Annual | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| Life Science and Applied Chemistry | 210 | 210 | 148 (1 | 68 (2) | 216 (3) | | | | | | | | | | 148 (1) | 68 (2) | 216 (3) |
| Physical Science and Engineering | 105 | 105 | 105 (0 | 5 (0) | 110 (0) | | | | | | | | | | 105 (0) | 5 (0) | 110 (0) |
| Electrical and Mechanical Engineering | 200 | 200 | 186 (8 | 28 (2) | 214 (10) | | | | | | | | | | 186 (8) | 28 (2) | 214 (10) |
| Computer Science | 145 | 145 | 142 (3 | 5 (0) | 147 (3) | | | | | | | | | | 142 (3) | 5 (0) | 147 (3) |
| Architecture, Civil Engineering and Industrial Management Engineering | 150 | 150 | 120 (2 | 35 (1) | 155 (3) | | | | | | | | | | 120 (2) | 35 (1) | 155 (3) |
| Creative Engineering Program | 100 | 100 | 81 (0 | 23 (0) | 104 (0) | | | | | | | | | | 81 (0) | 23 (0) | 104 (0) |
| Life and Materials Engineering | | 465 | | | | 117 (1) | 50 (1) | 167 (2) | 113 (5) | 56 (0) | 169 (5) | 133 (0) | 51 (2) | 184 (2) | 363 (6) | 157 (3) | 520 (9) |
| Environmental and Materials Engineering | | 285 | | | | 87 (0) | 13 (0) | 100 (0) | 93 (1) | 9 (1) | 102 (2) | 92 (3) | 16 (3) | 108 (6) | 272 (4) | 38 (4) | 310 (8) |
| Mechanical Engineering | | 555 | | | | 174 (4) | 22 (1) | 196 (5) | 170 (8) | 24 (1) | 194 (9) | 227 (13) | 23 (2) | 250 (15) | 571 (25) | 69 (4) | 640 (29) |
| Electrical and Electronic Engineering | | 420 | | | | 135 (3) | 10 (1) | 145 (4) | 142 (4) | 9 (2) | 151 (6) | 175 (6) | 4 (0) | 179 (6) | 452 (13) | 23 (3) | 475 (16) |
| Computer Science | | 495 | | | | 150 (2) | 18 (3) | 168 (5) | 157 (1) | 8 (0) | 165 (1) | 190 (4) | 15 (0) | 205 (4) | 497 (7) | 41 (3) | 538 (10) |
| Architecture and Design | | 240 | | | | 51 (0) | 26 (3) | 77 (3) | 58 (3) | 28 (1) | 86 (4) | 59 (0) | 33 (0) | 92 (0) | 168 (3) | 87 (4) | 255 (7) |
| Civil Engineering and Systems Management | | 270 | | | | 79 (1) | 13 (0) | 92 (1) | 79 (1) | 11 (0) | 90 (1) | 100 (1) | 16 (0) | 116 (1) | 258 (3) | 40 (0) | 298 (3) |
| Engineering Interdisciplinary Program | | | | | | 1 (0) | 2 (0) | 3 (0) | 1 (0) | 3 (0) | 4 (0) | 2 (0) | 1 (0) | 3 (0) | 4 (0) | 6 (0) | 10 (0) |
| Total | 910 [10] | 3,640 [20] | 782 (14 | 164 (5 | 946 (19) | 794 (11) | 154 (9) | 948 (20) | 813 (23) | 148 (5) | 961 (28) | 978 (27) | 159 (7) | 1,137 (34) | 3,367 (75) | 625 (26) | 3,992(101) |

Note: () indicates international students.

[] indicates students incorporated into 3rd Year.

Reorganized on Apr. 1, 2016

Faculty of Engineering (Evening Courses)

(as of May 1, 2016)

| | Enrol | lment | Current Enrollment | | | | | | | | | | | | | | | | | |
|--|--------|-------|--------------------|--------|-------|----------|--------|-------|----------|--------|-------|----------|--------|-------|------|--------|-------|-------|--------|-------|
| Departments | Annual | Tatal | 1st Year | | | 2nd Year | | | 3rd Year | | | 4th Year | | | 5t | h Ye | ar | Total | | |
| | | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| Materials Engineering | 5 | 25 | 5 | 0 | 5 | 5 | 1 | 6 | 4 | 1 | 5 | 4 | 1 | 5 | 6 | 1 | 7 | 24 | 4 | 28 |
| Mechanical Engineering | 5 | 25 | 4 | 1 | 5 | 5 | 0 | 5 | 5 | 0 | 5 | 4 | 1 | 5 | 9 | 1 | 10 | 27 | 3 | 30 |
| Electrical and Computer Engineering | 5 | 25 | 7 | 0 | 7 | 7 | 0 | 7 | 5 | 1 | 6 | 5 | 1 | 6 | 10 | 0 | 10 | 34 | 2 | 36 |
| Civil and Environmental Engineering | 5 | 25 | 3 | 3 | 6 | 5 | 2 | 7 | 4 | 1 | 5 | 5 | 0 | 5 | 12 | 0 | 12 | 29 | 6 | 35 |
| Total | 20 | 100 | 19 | 4 | 23 | 22 | 3 | 25 | 18 | 3 | 21 | 18 | 3 | 21 | 37 | 2 | 39 | 114 | 15 | 129 |

Graduate School of Engineering (Master's Courses)

(as of May 1, 2016)

| | Current Enrollment | | | | | | | | | | | | | | | | | | | |
|---|--------------------|---------------|-----|------|-------|-----|-----|------|-----|------|-------|------|-----|------|-------|------|-----|------|-------|------|
| Departments | A | Tatal | | | 1st Y | ear | | | | | 2nd \ | /ear | | | | | Tot | tal | | |
| | Annuai | Total | Ma | le | Fem | ale | Tot | tal | Ma | le | Fem | ale | Tot | al | Ma | le | Fem | ale | Tot | tal |
| Life Science and Applied Chemistry | 165 | 165 | 134 | (2) | 42 | (0) | 176 | (2) | | | | | | | 134 | (2) | 42 | (0) | 176 | (2) |
| Physical Science and Engineering | 78 | 78 | 79 | (2) | 8 | (1) | 87 | (3) | | | | | | | 79 | (2) | 8 | (1) | 87 | (3) |
| Electrical and Mechanical Engineering | 138 | 138 | 191 | (10) | 10 | (0) | 201 | (10) | | | | | | | 191 | (10) | 10 | (0) | 201 | (10) |
| Computer Science | 110 | 110 | 118 | (7) | 14 | (1) | 132 | (8) | | | | | | | 118 | (7) | 14 | (1) | 132 | (8) |
| Architecture, Civil Engineering and Industrial Management Engineering | 95 | 95 | 96 | (7) | 21 | (3) | 117 | (10) | | | | | | | 96 | (7) | 21 | (3) | 117 | (10) |
| Materials Science and Engineering | | 100 | | | | | | | 94 | (3) | 23 | (3) | 117 | (6) | 94 | (3) | 23 | (3) | 117 | (6) |
| Engineering Physics, Electronics and Mechanics | | 100 | | | | | | | 119 | (9) | 4 | (1) | 123 | (10) | 119 | (9) | 4 | (1) | 123 | (10) |
| Computer Science and Engineering | | 120 | | | | | | | 127 | (3) | 11 | (3) | 138 | (6) | 127 | (3) | 11 | (3) | 138 | (6) |
| Architecture, Civil Engineering and Industrial Management Engineering | | 75 | | | | | | | 65 | (4) | 17 | (7) | 82 | (11) | 65 | (4) | 17 | (7) | 82 | (11) |
| Techno-Business Administration | | 17 | | | | | | | 21 | (1) | 1 | (1) | 22 | (2) | 21 | (1) | 1 | (1) | 22 | (2) |
| Frontier Materials | | 78 | | | | | | | 75 | (4) | 13 | (3) | 88 | (7) | 75 | (4) | 13 | (3) | 88 | (7) |
| Scientific and Engineering Simulation | | 80 | | | | | | | 87 | (8) | 11 | (4) | 98 | (12) | 87 | (8) | 11 | (4) | 98 | (12) |
| Total | 586 [10] | 1,156 [10] | 618 | (28) | 95 | (5) | 713 | (33) | 588 | (32) | 80 | (22) | 668 | (54) | 1,206 | (60) | 175 | (27) | 1,381 | (87) |

Note: () indicates international students.

[] indicates the short-term special course students.

Reorganized on Apr. 1, 2016

Graduate School of Engineering (Doctor's Courses)

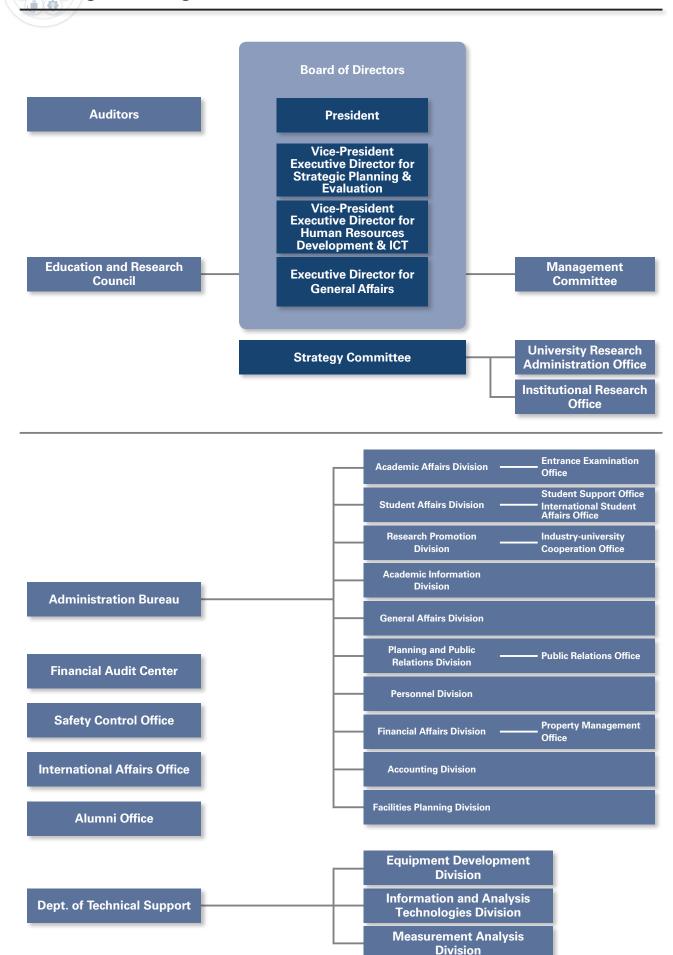
(as of May 1, 2016)

| | Enrol | lment | | | | | Cu | rrent E | nrollm | ent | | | | |
|---|--------|-------|--------|---------|---------|--------|--------|---------|---------|--------|---------|----------|---------|----------|
| Departments | | | | 1st Yea | ır | 2 | nd Yea | er | 3 | rd Yea | r | | Total | |
| | Annual | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| Life Science and Applied Chemistry | 9 | 9 | 3 (1) | 1 (0) | 4 (1) | | | | | | | 3 (1) | 1 (0) | 4 (1) |
| Physical Science and Engineering | 5 | 5 | 3 (2) | 1 (1) | 4 (3) | | | | | | | 3 (2) | 1 (1) | 4 (3) |
| Electrical and Mechanical Engineering | 9 | 9 | 10 (2) | 0 (0) | 10 (2) | | | | | | | 10 (2) | 0 (0) | 10 (2) |
| Computer Science | 9 | 9 | 6 (2) | 0 (0) | 6 (2) | | | | | | | 6 (2) | 0 (0) | 6 (2) |
| Architecture, Civil Engineering and Industrial Management Engineering | 7 | 7 | 11 (1) | 6 (1) | 17 (2) | | | | | | | 11 (1) | 6 (1) | 17 (2) |
| Cooperative Major in Nanopharmaceutical Sciences | 3 | 9 | 1 (1) | 0 (0) | 1 (1) | 3 (3) | 1 (1) | 4 (4) | 6 (2) | 0 (0) | 6 (2) | 10 (6) | 1 (1) | 11 (7) |
| Materials Science and Engineering | | 10 | | | | 3 (0) | 0 (0) | 3 (0) | 3 (1) | 1 (1) | 4 (2) | 6 (1) | 1 (1) | 7 (2) |
| Engineering Physics, Electronics and Mechanics | | 10 | | | | 8 (1) | 0 (0) | 8 (1) | 9 (3) | 0 (0) | 9 (3) | 17 (4) | 0 (0) | 17 (4) |
| Computer Science and Engineering | | 10 | | | | 8 (1) | 3 (2) | 11 (3) | 17 (5) | 0 (0) | 17 (5) | 25 (6) | 3 (2) | 28 (8) |
| Architecture, Civil Engineering and Industrial Management Engineering | | 8 | | | | 5 (2) | 3 (1) | 8 (3) | 21 (1) | 5 (1) | 26 (2) | 26 (3) | 8 (2) | 34 (5) |
| Frontier Materials | | 24 | | | | 2 (1) | 3 (1) | 5 (2) | 11 (5) | 2 (1) | 13 (6) | 13 (6) | 5 (2) | 18 (8) |
| Scientific and Engineering Simulation | | 16 | | | | 4 (1) | 0 (0) | 4 (1) | 15 (4) | 3 (3) | 18 (7) | 19 (5) | 3 (3) | 22 (8) |
| Total | 42 | 126 | 34 (9) | 8 (2) | 42 (11) | 33 (9) | 10 (5) | 43 (14) | 82 (21) | 11 (6) | 93 (27) | 149 (39) | 29 (13) | 178 (52) |

Note: () indicates international students.

Reorganized on Apr. 1, 2016

Management Organization



Number of Staff Members

Directors

(as of May 1, 2016)

| President Executive | | | | | Auditor | | Total | | | | |
|---------------------|--------|-------|------|--------|---------|------|--------|-------|------|--------|-------|
| Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1 | | 1 | 3 | | 3 | 1 | 1 | 2 | 5 | 1 | 6 |

Academic Staff (Full-time)

(as of May 1, 2016)

| Λ | l | Professo | r | Assoc | ciate Pro | essor | Assis | tant Prof | essor | Total | | | |
|-------|------|----------|-------|-------|-----------|-------|-------|-----------|-------|-------|--------|-------|--|
| Age | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | |
| ~24 | | | | | | | | | | 0 | 0 | 0 | |
| 25~34 | | | | 5 | 1 | 6 | 24 | 3 | 27 | 29 | 4 | 33 | |
| 35~44 | 8 | | 8 | 50 | 5 | 55 | 26 | 2 | 28 | 84 | 7 | 91 | |
| 45~54 | 53 | 3 | 56 | 62 | 3 | 65 | 7 | | 7 | 122 | 6 | 128 | |
| 55~64 | 68 | 4 | 72 | 16 | | 16 | 1 | | 1 | 85 | 4 | 89 | |
| 65~ | | | | | | | | | | 0 | 0 | 0 | |
| Total | 129 | 7 | 136 | 133 | 9 | 142 | 58 | 5 | 63 | 320 | 21 | 341 | |

Staff (Full-time)

(as of May 1, 2016)

| Administrative Staff | | | Te | chnical St | aff | М | edical Sta | off | Total | | |
|----------------------|--------|-------|------|------------|-------|------|------------|-------|-------|--------|-------|
| Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 75 | 44 | 119 | 39 | 14 | 53 | 0 | 1 | 1 | 114 | 59 | 173 |

Exclude fixed-term or re-employment contract holder

Foreign Academic and Administrative Staff

(as of May 1, 2016)

| Countries | Professors | Associate Professors | Assistant Professors | Administrative Staff | Technical Staff | Medical Staff | Total |
|-------------------|------------|-------------------------|----------------------|-------------------------|--------------------|------------------|-------|
| Brazil | | | 1 | | | | 1 |
| China | 2 | | 1 | | | | 3 |
| India | | 1 | | | | | 1 |
| Ireland | | 1 | | | | | 1 |
| Nepal | | 1 | | | | | 1 |
| Republic of Korea | 2 | | 1 | | | | 3 |
| Thailand | | | 1 | | | | 1 |
| United States | | 2 | | | | | 2 |
| Total | 4 | 5 | 4 | 0 | 0 | 0 | 13 |

NITech Facilities

(as of May 1, 2016)

| | | | _ | (as of May 1, 2016) | | |
|---|--|--------------------|--------------------|--|--|--|
| | Facilities | Building | Area | Address | | |
| | 5 | m² | m ² | | | |
| | Engineering Department and General Education School Buildings | 105,874 | | | | |
| | Administration Office | 3,299 | | | | |
| | Library | 5,577 | | | | |
| | Educational Research Center | 187 | | | | |
| | Center for Social Contribution and Collaboration | 1,461 | | | | |
| | Education Center for International Students | 284 | | | | |
| | Information Technology Center | 1,499 | | | | |
| | Instrument and Research Technology Center | 2,031 | | | | |
| | Center of Gender Equality | 144 | | | | |
| | Quality Innovation Techno-Center | 903 | | | | |
| <u>s</u> | Research Center for Nano Devices and | F00 | | | | |
| npr | Advanced Materials | 508 | | | | |
| Gokiso Campus | Innovation Center for Multi-Business of Nitride | 2,350 | 138,664 | Gokiso-cho, Showa-ku, Nagoya 466-8555 | | |
| 80 | Semiconductors | 2,000 | 130,004 | dokiso cito, ottowa ka, Nagoya 400 0000 | | |
| joki | Health Support Center | 509 | | | | |
| 0 | NITech Hall | 1,667 | | | | |
| | Gymnasiums | 2,479 | | | | |
| | Bld No.55 : | 1,729 | | | | |
| | Facilities for Extracurricular Activities | | | | | |
| | Bld No.57 : Facilities for Extracurricular Activities | 485 | | | | |
| | | 1 170 | | | | |
| | The University Hall NITech International House | 4,478 2,155 | | | | |
| | NIT Club (Guest House) | 2,155 | | | | |
| | Kouyukaikan | | 589 | | | |
| | NITech Mart | 303 | | | | |
| | Others | 2,103 | | | | |
| | Total | 140,878 | 138,664 | | | |
| pas | Chikusa Athletic Field | 412 | 34,439 | 2-512-1, Kitachikusa, Chikusa-ku, Nagoya | | |
| Chikusa Campas | Student Dormitories (Kowa-ryo) | 2,933 | 7,336 | 1 | | |
| Chikus | Total | 3,345 | 41,775 | | | |
| Ad | vanced Ceramics Research Center | 2,754 | 20,943 | 10-6-29, Asahigaoka, Tajimi 507-0071 | | |
| TA | JIMI <i>EKIMAE</i> area | [1,195] | | | | |
| | Advanced Ceramics Research Center | (843) | | 3-101-1 Hon-machi, Tajimi, 507-0033 | | |
| | Open Laboratory and others | (352) | | 1 | | |
| Ga | magori Yacht-House | [224] | | 1-7, Kaiyou-cho, Gamagori, 443-0014 | | |
| C L | onaikawa Boat-House | 376 | 635 | 358-3, Nishinagare, Daitoro-cho, | | |
| Sil | Oliaikawa Duat-Muse | 3/0 | 033 | Nakagawa-ku, Nagoya 454-0944 | | |
| Sh | idami Extracurricular-Activity Facilities | 246 | [87] | 2678, Minamihara, Nakashidami, | | |
| Silicanii Extracumculai-Activity i acinties | | 240 | 7,683 | Moriyama-ku, Nagoya 463-0002 | | |
| Kisokomakogen Seminar House | | 378 | [4,628] | 129-10, Mizusawa, Shinkai, Kisomachi, | | |
| | | | | Kiso-gun, Nagano 397-0002 | | |
| Pre | evious Hazama House | 0 | 2,981 | 27, Hazama-cho, Showa-ku, Nagoya 466-0062 | | |
| | | [1 /10] | [/ 715] | 400-0002 | | |
| | Total | [1,419] 147,977 | [4,715] 212,681 | | | |
| | | 177,377 | £ 12,001 | <u> </u> | | |

^{[]:} on lease

^{():} itemized

Academic Calendar

ACADEMIC YEAR 2016 (April 1, 2016 ~ March 31, 2017)

1st Semester April 1 ∼ September 30

Entrance Ceremony April 6

2nd Semester October 1 ∼ March 31

Commencement March 23

HOLIDAYS AND VACATIONS

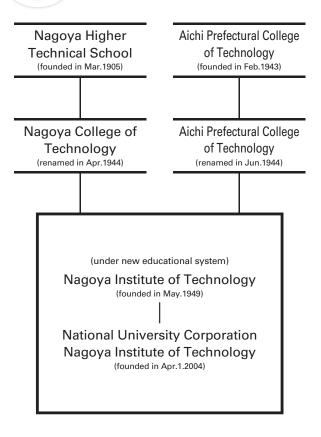
Saturdays and Sundays

National Holidays 16 days

Nagoya Institute of

Technology Anniversary November 1

Summer HolidayAugust $4 \sim$ September 30Winter HolidayDecember $24 \sim$ January 6Spring HolidayFebruary $21 \sim$ March 31



Financial Summary for FY 2015 (interim figure)

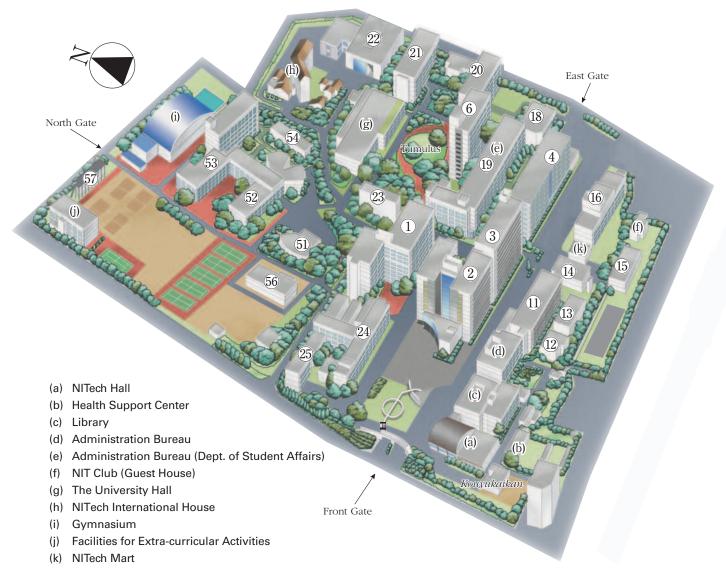
Revenues unit: million yen

| Item | Amount (JPY) |
|---|--------------|
| Grants from the government | 4,199 |
| Tuition fees and others | 3,498 |
| Costs for Grants and Cooperative Research, etc. | 2,432 |
| Grants for facilities maintenance and others | 603 |
| carry-over from the previous year | 486 |
| Total | 11,218 |

Expenditures

| ltem | Amount (JPY) |
|--|--------------|
| Personnel | 5,782 |
| Education, Research and operating cost | 2,240 |
| Costs for Grants and Cooperative Research etc. | 2,396 |
| Facilities maintenance | 603 |
| Carry-over to the next year | 197 |
| Total | 11,218 |





* The number from 1 to 5 shows the number of building.

The University Hall

The University Hall includes a banquet room, cafeteria, barbershop, travel counter, and coopshop (selling books, stationery, electronics, appliances, general merchandise, etc.). There are also meeting rooms for the use of students.

NITech Mart

NITech Mart includes a convenience store [Hajiko] at the first floor, and Lounge Café at the second floor. ATM machine is installed in [Hajiko]. Lounge Café can be used for dining area and also communication space.

Outside the campus

Kisokomakogen Seminar House in Nagano Prefecture is for extracurricular activities, research and training and social events for students and employees of NITech.

Students Life at NITech









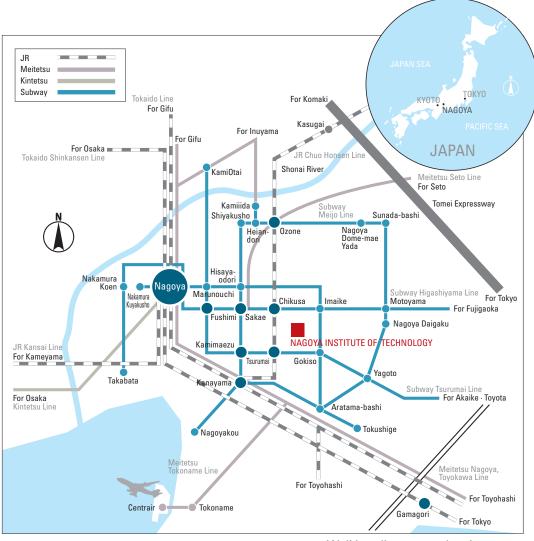


The Toyota Commemorative Museum of Industry and Technology is designated as a Heritage of Industrial Modernization. The museum was awarded the designation by the Ministry of Economy, Trade and Industry in 2007 for its role in raising awareness and teaching the value of the industrial heritage, and for playing a role in community revitalization.

At the Automobile Pavilion consists of four zones: The Initial Period of the Automobile Business, Automobile Mechanisms and Parts, Automobile Technology, and Production Technology.

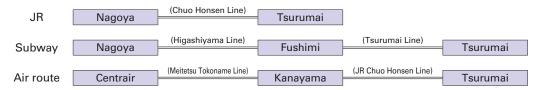
The Toyota Commemorative Museum of Industry and Technology Website



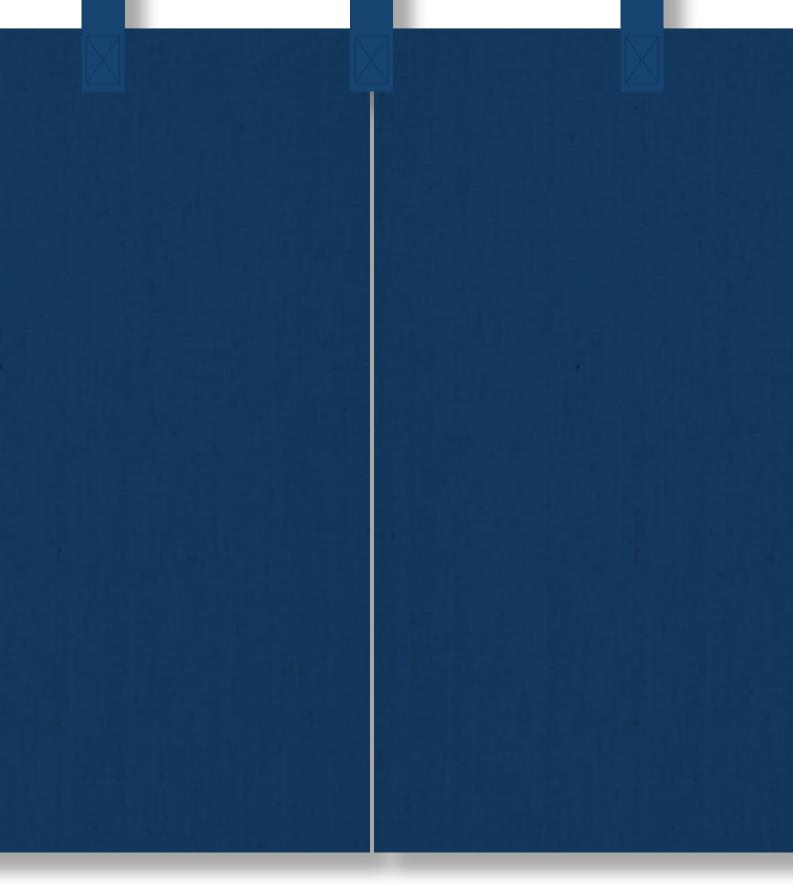


Walking distance to the city center

Means of Transportation









National University Corporation

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Nagoya Institute of Technology TEL +81-(0)52-735-5000 URL http://www.nitech.ac.jp/eng

