NAGOYA INSTITUTE of TECHNOLOGY

2023-2024

CONTENTS

＊Names and figures are as of 1 May 2023, unless otherwise specified.

🏛 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.
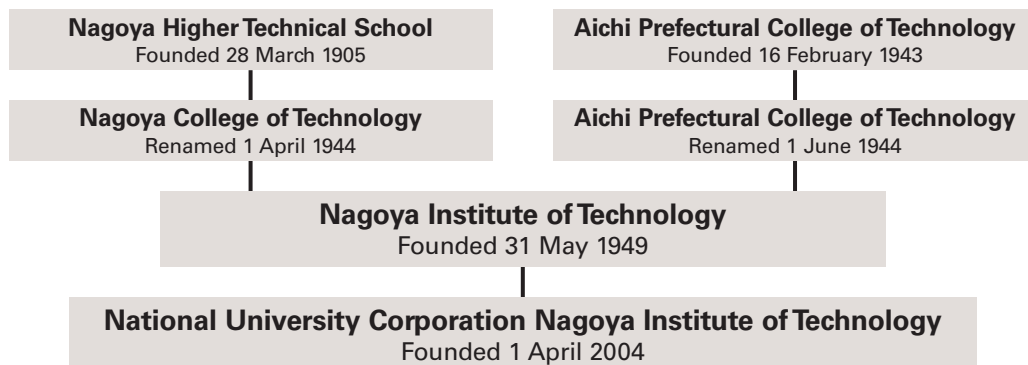
Miraizukuri (Contribution)

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.

Enacted on the 1st of January 2012

🏛 History

Bring a Fresh Breeze to the Tradition Established in 1905

Nagoya Higher Technical School Founded 28 March 1905	**Aichi Prefectural College of Technology** Founded 16 February 1943
Nagoya College of Technology Renamed 1 April 1944	**Aichi Prefectural College of Technology** Renamed 1 June 1944

Nagoya Institute of Technology
Founded 31 May 1949

National University Corporation Nagoya Institute of Technology
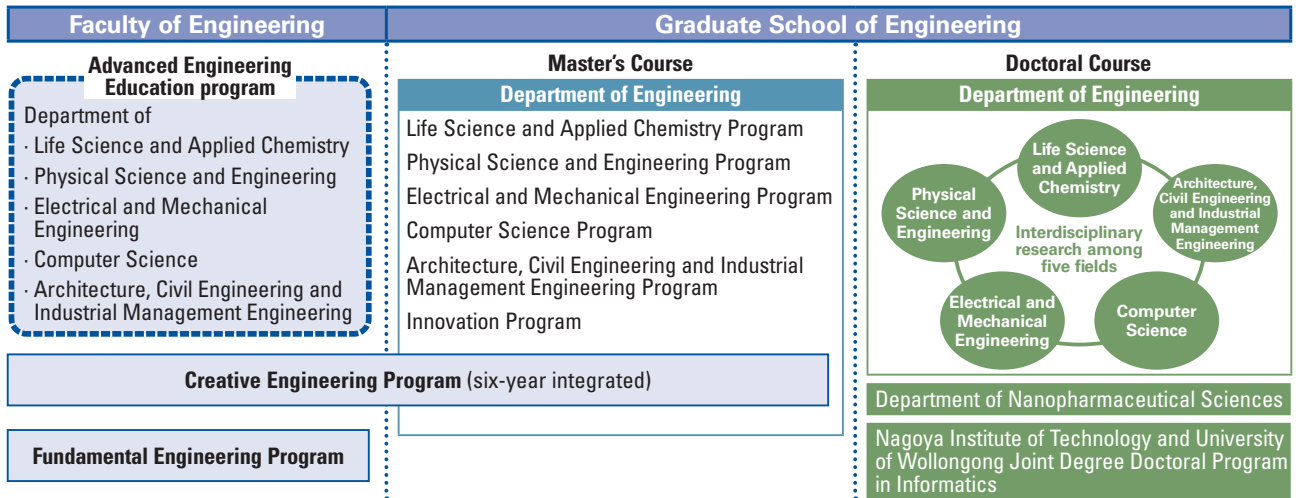Founded 1 April 2004

- Nagoya Institute of Technology (NITech) was established in 1949 as a university under the new education system through the merger of Nagoya Higher Technical School (founded in 1905) and Aichi Prefectural College of Technology (founded in 1943).
- In 2004, it was newly established as National University Corporation Nagoya Institute of Technology.

Management Organization

Board of Directors

- **President**
  - **Vice-President Executive Director for Strategic Planning & Evaluation**
  - **Vice-President Executive Director for Education & ICT**
  - **Executive Director for General Affairs**

Auditors

President Nomination and Inspection Council

Education and Research Council

Administrative Council

Institutional Research Office

Board of Strategy Planning
- **Office of Strategy Planning**
- **Office of International Strategy Planning**

University Research Administration Office

Cybersecurity Center

Risk Management Center

Audit Office

Alumni Office

Fund Office

Faculty (College)
- **Omohi College**
- **Shikumi College**
- **Tsukuri College**
- **Nagare College**
- **Global College**

Administration Bureau
- **Academic Affairs Division**
- **Student Affairs Division**
- **International Affairs Division**
- **Admission Division**
- **Research Promotion Division**
- **Academic Information Division**
- **General Affairs Division**
- **Planning and Public Relations Division**
- **Personnel Division**
- **Financial Affairs Division**
- **Accounting Division**
- **Facilities Planning Division**
- **Safety Management Office**

Dept. of Technical Support — **Technical Support Division**

Outline of Departments

Faculty of Engineering	Graduate School of Engineering	
Advanced Engineering Education program	**Master's Course**	**Doctoral Course**

Faculty of Engineering — Advanced Engineering Education program

Department of
- Life Science and Applied Chemistry
- Physical Science and Engineering
- Electrical and Mechanical Engineering
- Computer Science
- Architecture, Civil Engineering and Industrial Management Engineering

Creative Engineering Program (six-year integrated)

Fundamental Engineering Program

Graduate School of Engineering — Master's Course

Department of Engineering

Life Science and Applied Chemistry Program
Physical Science and Engineering Program
Electrical and Mechanical Engineering Program
Computer Science Program
Architecture, Civil Engineering and Industrial Management Engineering Program
Innovation Program

Graduate School of Engineering — Doctoral Course

Department of Engineering

Life Science and Applied Chemistry / Physical Science and Engineering / Architecture, Civil Engineering and Industrial Management Engineering / Electrical and Mechanical Engineering / Computer Science

Interdisciplinary research among five fields

Department of Nanopharmaceutical Sciences

Nagoya Institute of Technology and University of Wollongong Joint Degree Doctoral Program in Informatics

Undergraduate Course

Advanced Engineering Education Program	Life Science and Applied Chemistry	Life and Materials Chemistry, Soft Materials, Advanced Ceramics
	Physical Science and Engineering	Materials Function and Design, Applied Physics
	Electrical and Mechanical Engineering	Electrical and Electronic Engineering, Mechanical Engineering
	Computer Science	Networks, Computational Intelligence, Multimedia and Human Computer Interaction
	Architecture, Civil Engineering and Industrial Management Engineering	Architecture and Design, Civil and Environmental Engineering, Systems Management and Engineering
Creative Engineering Program (six-year integrated)	Materials and Energy Course, Computer and Social Engineering Course	
Fundamental Engineering Program (evening main course)	Electricai and Mechanical Engineering Course, Civil and Enviromental Engineering Course	

Master's Course

Department of Engineering	Life Science and Applied Chemistry Program	Life and Materials Chemistry, Soft Materials, Advanced Ceramics
	Physical Science and Engineering Program	Materials Function and Design, Applied Physics
	Electrical and Mechanical Engineering Program	Electrical and Electronic Engineering, Mechanical Engineering
	Computer Science Program	Networks, Computational Intelligence, Multimedia and Human Computer Interaction, Mathematics and Mathematical Science
	Architecture, Civil Engineering and Industrial Management Engineering Program	Architecture and Design, Civil and Environmental Engineering, Systems Management and Engineering
	Creative Engineering Program	Materials and Energy, Computer and Social Engineering
	Innovation Program	

(Note) The Master's Courses will be reformed in April 2024.

Doctoral Course

Department of Engineering	
Nanopharmaceutical Sciences	Synthesis of Functional Medicine, Drug Delivery, Nanoengineering for Medicine
Nagoya Institute of Technology and University of Wollongong Joint Degree Doctoral Program in Informatics	

(Note) "Energy Conversion Systems between Nagoya Institute of Technology and Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU) in Germany" will launch in April 2024.

Service Centers

● Organization for Co-Creation Research and Social Contributions

The Organization is composed in three divisions: the External Affairs Division, which is responsible for planning organizational research projects; the Business Creation/Human Resource Development Division, which is responsible for managing and operating joint research and social collaboration projects and human resource development projects; and the Equipment Sharing Division, which is responsible for managing and promoting utilization of large-scale and common educational research facilities.

● Health Support Center

The Health Support Center provides health consultation, first aid, and health check aftercare in cooperation with the Safety Management Office, inspection of the workplace, and other support. The Center has a mission to support all members of the university and aims for onset prevention, early diagnosis, and prevention of relapse.

● Information Technology Center

The Information Technology Center manages and operates the infrastructural information system, including the campus information network, and utilizes the system for education, research, academic information service and other operations to help promote development of education and research and collaboration with local communities.

● Center for Research and Development in Higher Engineering Education

The Center for Research and Development in Higher Engineering Education aims to improve the quality of our technology education as well as promote continuous support for students, based on comprehensive understanding of student matters, including enrollment, study performance, graduation, and job hunting.

● Creative Engineering Education Center

The Creative Engineering Education Center aims to plan, support and operate characteristic courses including PBL excersise with industries and student exchange among overseas universities in the six year engineering course, Creative Engineering Programs.

● Education Center for International Students

The Education Center for International Students aims to support the educational activities of international students through Japanese language courses and various activities related to Japanese culture. In addition, by providing opportunities for international students and Japanese students to study together, we support the growth of global human resources.

● NITech Center for Diversity and Inclusion

Based on the principle "Diversity and Inclusion", the NITech Center for Diversity and Inclusion focuses on supporting researchers during life events and broadening the base of female researchers and engineers for creating an environment in which diverse individuals can fully demonstrate their talents and abilities.

● Center for Innovative Young Researchers

The Center for Innovative Young Researchers was established in 2009, and since 2015, the Center has taken charge of training and tenure review for all newly employed Tenure Track assistant professors and STARTUP Assistant Professors. Twenty-five assistant professors belonged to the Center as of April 2023.

Educational Research Centers

● NITech Frontier Research Institutes

The NITech Frontier Research Institutes will promote its three missions, "Integrated Research", "Invitation of International Researchers" and "Cultivation of Innovation Leaders". Based on these three missions, we will further develop our research and contribute to NITech.

● Quality Innovation Techno-Center

The Quality Innovation Techno-Center provides advanced practical education on quality innovation for students and people with full-time jobs. It also aims to conduct research and development on educational systems for quality innovation as well as research on manufacturing.

● NITech Doctoral Global Academy

Based on collaboration with Friedrich-Alexander-Universität Erlangen-Nürnberg, the NITech Doctoral Global Academy promotes the development of global human resources required by local industries through a world-class doctoral education.

● Center for Research on Assistive Technology for Building a New Community

The Center for Research on Assistive Technology for Building a New Community aims to explore "community well-being" and to socially implement technologies for supporting it through citizen-participatory workshops and public co-creation.

● OptoBioTechnology Research Center

The OptoBioTechnology Research Center aims to contribute to creating a completely new field of industry by elucidating the nature of light and photoexcitation phenomena or analyzing light-related life phenomena, and by producing new materials inspired by living organisms or developing medical applications using light.

● Advanced Ceramics Research Center

The Advanced Ceramics Research Center has a mission to conduct research into fundamental ceramics science and development of advanced intelligent ceramics for solving environmental and energy problems. It was established in 1973 on the Tsurumai (Nagoya) campus as the Ceramics Research Laboratory (CRL), which in 1977 moved to Tajimi City. In 2012, the CRL was reorganized into the Advanced Ceramics Research Center (ACRC) for the purpose of developing intelligent ceramics. The ACRC has long supported industrial research at many companies in this area and has contributed to ceramics science as well as academic education for research engineers worldwide.

● Innovation Center for Multi-Business of Nitride Semiconductors

The Innovation Center for Multi-Business of Nitride Semiconductors conducts research on advanced semiconductor materials, devices, and their applications.

● Research Center for Nano Devices and Advanced Materials

The Research Center for Nano Devices and Advanced Materials was established on the basis of NITech's pioneering technology "the growth of GaN films on Si substrates".

● Center of Biomedical Physics and Information Technology

The Center of Biomedical Physics and Information Technology integrates the fields of biomedical physics and information technology to bring novel solutions to the forefront of complex problems in public health, medical application, and product design with computational and measured data. The goal is to foster individuals with multifaceted and creative thinking by founding a new research field in collaboration with leading research centers in Japan and overseas.

● NITech Artificial Intelligence Research Center

The NITech Artificial Intelligence Research Center contributes toward the development of society and industry as an "Innovation Hub" based on realistic AI technologies. Through tight collaboration with related engineering areas at NITech, we provide realistic solutions to issues and problems in society and industry.

● Advanced Disaster Prevention Engineering Center

The purpose of the Advanced Disaster Prevention Engineering Center is to develop technologies to predict, mitigate and control disasters from an engineering perspective and to achieve disaster resilience in local communities.

● Center for Future Communications Research

The Center for Future Communications Research will establish an educational and research hub equipped with a test house function to accurately evaluate communication performance. The hub focuses on high-speed communication for various mobilities, which are essential for supporting the digital society, and conducts research on enhancing their reliability through practices guided by international standardization and rule-making.

Overseas Office

NITech FAU Liaison Office

Establishment: July, 2013

NITech FAU Liaison Office at the campus of Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU) in Erlangen, Germany promotes international collaborative research and education through "Japanese-German Graduate Externship on Energy Conversion Systems: From Materials to Devices".
Contact: kokusai@adm.nitech.ac.jp

Library

https://www.lib.nitech.ac.jp/guide/translation

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.

The collection (as of 31 March 2023)

	Japanese	Foreign	Total
Books	264,569	207,623	472,192
Journals	2,559	3,198	5,757
E-Books	1,216	20,362	21,578
E-Journals	129	9,643	9,772

NITech Repository system

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

https://nitech.repo.nii.ac.jp
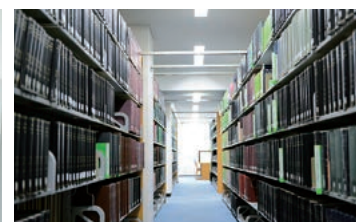
Academic Calendar

ACADEMIC YEAR 2023
(1 April 2023～31 March 2024)

1st Semester	1 April – 30 September
Entrance Ceremony	6 April
2nd Semester	1 October – 31 March
Commencement	26 March

HOLIDAYS AND VACATIONS

Saturdays and Sundays	
National Holidays	17 days
Nagoya Institute of Technology Anniversary	1 November
Summer Holiday	8 August – 30 September
Winter Holiday	24 December – 6 January
Spring Holiday	21 February – 31 March

Number of Students

Graduate School of Engineering (Doctoral Course)
Total 185 students

Department	Japanese students	International students	Total
Department of Engineering	52	14	66
Department of Nanopharmaceutical Sciences	5	3	8
Nagoya Institute of Technology and University of Wollongong Joint Degree Doctoral Program in Informatics		4	4
Departments before reorganization	79	28	107
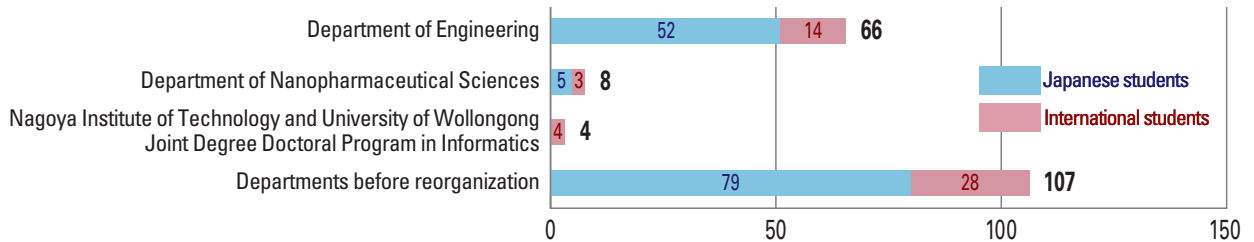
Graduate School of Engineering (Master's Course)
Total 1,484 students

Program	Japanese students	International students	Total
Life Science and Applied Chemistry Program	340	5	345
Physical Science and Engineering Program	157	5	162
Electrical and Mechanical Engineering Program	331	12	343
Computer Science Program	226	21	247
Architecture, Civil Engineering and Industrial Management Engineering Program	188	15	203
Creative Engineering Program	178		178
Innovation Program	6		6

Faculty of Engineering (Bachelor's Course)
Total 4,004 students

Department	Japanese students	International students	Total
Department of Life Science and Applied Chemistry	861	16	877
Department of Physical Science and Engineering	439	3	442
Department of Electrical and Mechanical Engineering	850	21	871
Department of Computer Science	624	15	639
Department of Architecture, Civil Engineering and Industrial Management Engineering	627	16	643
Creative Engineering Program	424		424
Fundamental Engineering Program	42		42
Departments before reorganization	66		66

Number of International Students

Classification / Countries & Regions	Graduate School				Undergraduate		Research Students		Total		
	Master's Courses		Doctor's Courses								
	Govt. Supported	Self Supported	Govt. Supported	Self Supported	Govt. Supported	Self Supported	Govt. Supported	Self Supported	Govt. Supported	Self Supported	Total
Afghanistan				1					0	1	1
Bangladesh	4	1	1						5	1	6
Brazil	1				1				2	0	2
Cambodia					1				1	0	1
China		32		28		11		45	0	116	116
Colombia								1	0	1	1
Côte d'Ivoire		2							0	2	2
Democratic Republic of the Congo		1		1					0	2	2
El Salvador					1				1	0	1
France				2				4	0	6	6
Gambia		2							0	2	2
Germany								3	0	3	3
India	2	1		3		1			2	5	7
Indonesia	4								4	0	4
Itary								2	0	2	2
Kenya				1					0	1	1
Malaysia		1	3			11			3	12	15
Mauritania			1						1	0	1
Mongolia					1	6			1	6	7
Myanmar	1								1	0	1
Nepal				3					0	3	3
Pakistan	2								2	0	2
Republic of Korea		1		1	3	34		2	3	38	41
Spain								3	0	3	3
Taiwan								1	0	1	1
Thailand			1	1					1	1	2
Togo				1					0	1	1
Uzbekistan		1							0	1	1
Venezuela	1								1	0	1
Vietnam		1						1	0	2	2
Zimbabwe				1					0	1	1
Total	15	43	6	43	7	64	0	61	28	211	239
Total	58		49		71		61		239		239

Note: Govt. Supported; Japanese Government Scholarship Students

Self Supported ; Foreign Government Sponsored Students and Privately Financed Students

The number includes international students not yet landed in Japan.

International Academic Exchange Agreements Concluded

Number of University Partnerships	86
Number of Department Partnerships	19
Number of Countiries & Regions	37

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

Countries & Regions		Partners	Department Partners	Conclusion	☆ Student Exchange	Faculty Exchange	Joint Research	Sharing Scientific Material
Asia	Afghanistan	Kabul University		2005	○	○	○	○
	Bangladesh	Bangladesh University of Engineering and Technology		1999	○	○	○	○
	China	Shaanxi University of Science and Technology		1990	○	○	○	○
		Tsinghua University		2008	●	○	○	○
		Xi'an Jiaotong University		1996	●	○	○	○
		Zhejiang University		1997	○	○	○	○
		Beijing Institute of Technology		1997	○	○	○	○
		Beijing University of Chemical Technology		2005	●	○	○	○
		Institute of Carbon Fibers and Composites, Beijing University of Chemical Technology	○	2007		○	○	○
		Tongji University		2006	●	○	○	○
		Institute of Semiconductors, Chinese Academy of Sciences		2007		○	○	○
		Fudan University		2007	○	○	○	○
		Sun Yat-sen University		2008	○	○	○	○
		Sichuan Academy of Social Sciences		2008	○	○	○	○
		College of Materials, Xiamen University	○	2009	○	○	○	○
		Dalian Neusoft University of Information		2010	●	○	○	○
		China University of Geosciences		2019	●	○	○	○
		Lanzhou University		2019	●	○	○	○
		Shantou University		2020	●	○	○	○
		Institute of Engineering Thermophysics, Chinese Academy of Sciences		2020	○	○	○	○
		Changchun University	○	1995		○		○
	India	Anna University		1996	●	○	○	○
		Indian Institute of Technology, Bombay (IIT Bombay)		2002	○	○	○	○
		Central Glass and Ceramic Research Institute		2005		○	○	○
		University of Delhi		2007	○	○	○	○
		National Institute of Technology, Tiruchirapalli		2009	○	○	○	○
		Institute of Minerals and Materials Technology, Council of Scientific and Industrial Research	○	2013		○	○	○
		Centre for Photonics and Nanotechnology, Sona College of Technology	○	2014	○	○	○	○
		Indian Institute of Technology, Banaras Hindu University Campus, Varanasi (IIT BHU)		2019	●	○	○	○
		Indian Institute of Technology, Madras (IIT Madras)		2022	●	○	○	○
	Indonesia	Udayana University		2003	●	○	○	○
	Republic of Korea	Hanyang University		2003	●	○	○	○
		School of Electrical Engineering and Computer Science, Seoul National University	○	2005		○	○	○
		Department of Industrial Engineering, Graduate School of Engineering, Seoul National University	○	2015		○	○	○
		Myongji University		2010	●	○	○	○
	Malaysia	Universiti Teknologi MARA		2005	●	○	○	○
		Universiti Teknologi Malaysia		2006	●	○	○	○
		Universiti Tun Hussein Onn Malaysia		2017	●	○	○	○
		Universiti Putra Malaysia (UPM)		2020	●	○	○	○
	Republic of the Union of Myanmar	University of Computer Studies, Yangon		2018	●	○	○	○
		University of Information Technology		2020	●	○	○	○
	Sultanate of Oman	Sultan Qaboos University		2003	○	○	○	○
	Republic of the Philippines	Bohol Island State University		2016	●	○	○	○
		College of Engineering and Technology, Mindanao State University Iligan Institute of Technology	○	2020	●	○	○	○
	Thailand	Thammasat University		2004	●	○	○	○
		Thai-Nichi Institute of Technology		2007	●	○	○	○
		Chulalongkorn University		2008	●	○	○	○
		King Mongut's Institute of Technology Ladkrabang		2018	●	○	○	○
		Suranaree University of Technology		2019	●	○	○	○
	Taiwan	National Taipei University of Technology		2005	●	○	○	○
		National Tsing Hua University		2020	●	○	○	○
	Turkey	Department of Metallurgical and Materials Engineering, Dumlupinar University	○	2019	○	○	○	○
	Vietnam	Institute of Materials Science, Vietnamese Academy of Science and Technology		2008	○	○	○	○
		Hanoi University of Science and Technology		2008	●	○	○	○

Countries & Regions		Partners	Department Partners	Conclusion	Program			
					☆ Student Exchange	Faculty Exchange	Joint Research	Sharing Scientific Material
Africa	Egypt	British University in Egypt		2019	●	○	○	○
Oceania	Australia	Faculty of Engineering, Architecture and Information Technology, School of Civil Engineering, University of Queensland	○	2016	○	○	○	○
	Australia	University of Wollongong		2017	●	○	○	○
	New Zealand	Auckland University of Technology		2018	○	○	○	○
Europe	Austria	TU Wien		2014	●	○	○	○
	Bulgaria	St. Cyril and St. Methodius University of Veliko Turnovo		2013	●	○	○	○
	Czech Republic	Faculty of Civil Engineering, Czech Technical University in Prague	○	2022	●	○	○	○
	Finland	Aalto University		2003	○	○	○	○
	France	Université de Limoges, ENSIL-ENSCI		2003	●	○	○	○
		Centrale Lille Institut		2023	●	○	○	○
		Efrei Paris Engineering School of Digital Technologies		2015	●	○	○	○
		École Spéciale des Travaux Publics, du Bâtiment et de L'Industrie (ESTP)		2009	●	○	○	○
		École d'Ingénieurs Généralistes (ESIGELEC)		2010	●	○	○	○
		University of Poitiers		2010	●	○	○	○
	Germany	Faculty of Electrical Engineering and Information Technology, Chemnitz University of Technology	○	2006		○	○	○
		Friedrich-Alexander University Erlangen-Nuremberg		2011	●	○	○	○
		Ulm University		2019	●	○	○	○
		Faculty of Chemistry and Earth Science, Friedrich Schiller University Jena	○	2019	○	○	○	○
		Faculty of Electrical and Computer Engineering, Technische Universität Dresden	○	2022	●	○	○	○
	Hungary	Budapest University of Technology and Economics		2019	○	○	○	○
	Italy	University of Padua		2019	●	○	○	○
		University of Salerno		2018	●	○	○	○
		University of Siena		2020	●	○	○	○
		Politecnico di Milano		2021	●	○	○	○
	Republic of Latvia	Riga Technical University		2020	●	○	○	○
	Norway	Faculty of Engineering and Science, University of Agder	○	2017	○	○	○	○
		Faculty of Engineering, Norwegian University of Science and Technology	○	2020	●	○	○	○
	Poland	Poznan University of Technology		2018	●	○	○	○
		Lodz University of Technology		2018	●	○	○	○
	Portugal	University of Coimbra		2020	●	○	○	○
	Romania	"Alexandru Ioan Cuza" University of Iasi		1999	○	○	○	○
		"Gheorghe Asachi" Technical University of Iasi		2018	●	○	○	○
		Politehnica University Timisoara		2022	●	○	○	○
	Russia	Mendeleev University of Chemical Technology of Russia		1991	●	○	○	○
	Spain	Universidad Politècnica de València		2000	●	○	○	○
		University of Alcalá		2015	●	○	○	○
		Universitat Autònoma de Barcelona		2016	○	○	○	○
		Universitat de València		2019	○	○	○	○
		Charles III University of Madrid		2019	○	○	○	○
	Sweden	Luleå University of Technology		2013	●	○	○	○
	Switzerland	EMPA Swiss Federal Laboratories for Materials and Science and Technology, Laboratory for Advanced Materials Processing	○	2016	○	○	○	○
	United Kingdom	Imperial College London		1991	○	○	○	○
		University of Leeds		1991	○	○	○	○
		Institute of Particle Science and Engineering, University of Leeds	○	2007		○	○	○
		University of Sheffield		2005		○	○	○
North America	U.S.A	University of Arkansas – Fort Smith		2007	○	○	○	○
		Clemson University		2008	○	○	○	○
		University of Florida		2010	○	○	○	○
		Lehigh University		2020	●	○	○	○
South America	Brazil	University of Brasilia		1999	○	○	○	○
		Graduate Program in Electrical and Computer Engineering, Federal University of Technology Parana	○	2014		○	○	○

NITech Cosmo Village
(Dormitory)

Career Paths after Graduation
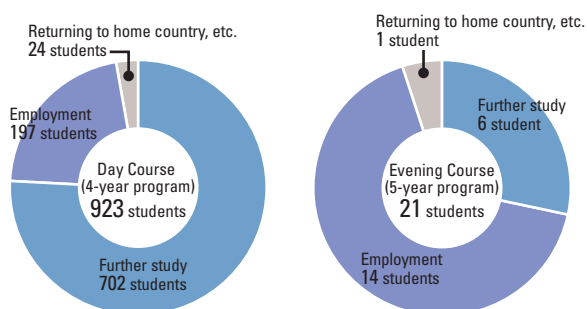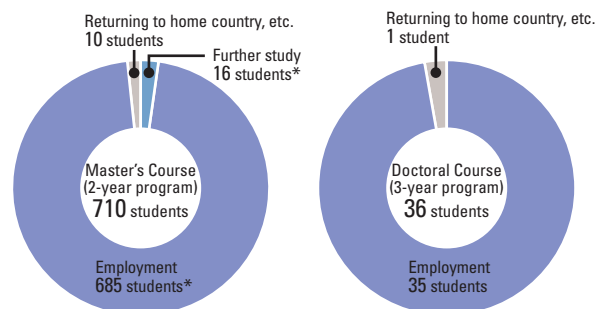
Status of Academic Advancement and Employment for FY 2022

- Approx. 76% Undergraduates Advance to Higher Education
- Job Placement Rates: 98.0% for Day Course Undergraduates, 100% for Evening Course Undergraduates, 99.6% for Master's Course Students, and 100% for Doctoral Course Students

Faculty of Engineering

Returning to home country, etc.
24 students
Employment
197 students
Day Course
(4-year program)
923 students
Further study
702 students

Returning to home country, etc.
1 student
Further study
6 student
Evening Course
(5-year program)
21 students
Employment
14 students

Graduate School of Engineering

Returning to home country, etc.
10 students
Further study
16 students*
Master's Course
(2-year program)
710 students
Employment
685 students*

Returning to home country, etc.
1 student
Doctoral Course
(3-year program)
36 students
Employment
35 students

*Including a person who is in employment and further study.

Main Places of Employment

Undergraduate	Graduate		
AIPHONE	Aisin	Makita	Toho Gas
Aisin	Brother Industries	Mitsubishi Electric	Toyoda Gosei
Makita	Central Japan Railway Company	Murata Manufacturing	TOYOTA BOSHOKU
Obayashi	Chubu Electric Power	NGK INSULATORS	Toyota Industries Corporation
OBIC	Chubu Electric Power Grid	Noritake	Toyota Motor Corporation
Sumitomo Wiring Systems	DENSO	NTT Data Tokai	Yahoo Japan
TAISEI	Honda Motor	Rinnai	
TOYOTA AUTO BODY	IBIDEN	Seiko Epson	
Toyota Motor Corporation	Kawasaki Heavy Industries	Sharp	
TOYOTA SYSTEMS	Kioxia	Shimizu Corporation	

Note: Alphabetical order

Main Places of Employment for International Students
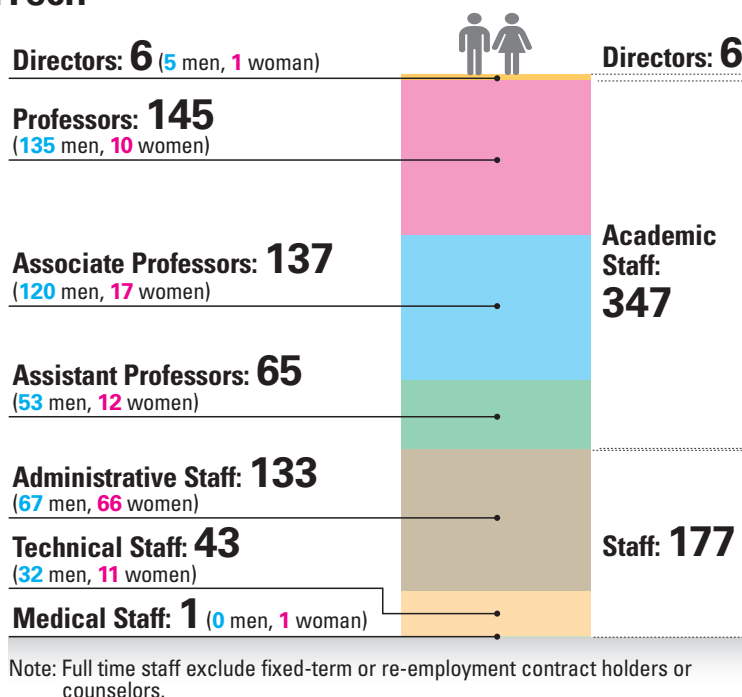
AGC	NTN
Aisin	NTT DATA Information Technology
BOLOR URUG LLC	Osaka Metropolitan University
Chongqing Yongjin Heavy Machine Whole SET Equipment	Panasonic Connect
E-Business	Rajshahi University of Engineering & Technology
Hitachi	Shannxi University of Science and Technology
IBM Japan Digital Services	SHIMIZU
Institute of Physical and Chemical Research	SOYOLON INTERNATIONAL LLC
Kurimoto	Taisei Rotec
KUROFUNE	Takasago Fluidic Systems
LINE	Takasago Industry
Meiyu-sansho	The Japanese Association for Conservation of Architectural Monuments
Micron Memory Japan	The University of Tokyo
Mitsui Chemicals	TOYOTA MOTOR TECHNICAL CENTER (CHINA)
Musashi Seimitsu Industry	Universiti Teknologi MARA of Malaysia
Nagoya Institute of Technology	University of Chittagong
Nagoya University	Yahoo Japan
NIPPON SIGNAL	Zagazig University
NITTO KOGYO CORPORATION	

Note: Alphabetical order

Number of Staff Members

530 Staff Members Support NITech

- Due to its nature as an educational and research institution, NITech has a large number of staff, totaling 530. Of these, 65.5% of the full-time staff are academic staff.
- 39 (11.2%) of the academic staff and 78 (44.0%) of the non-academic staff are women, accounting for 22.3% of the total number of staff members.
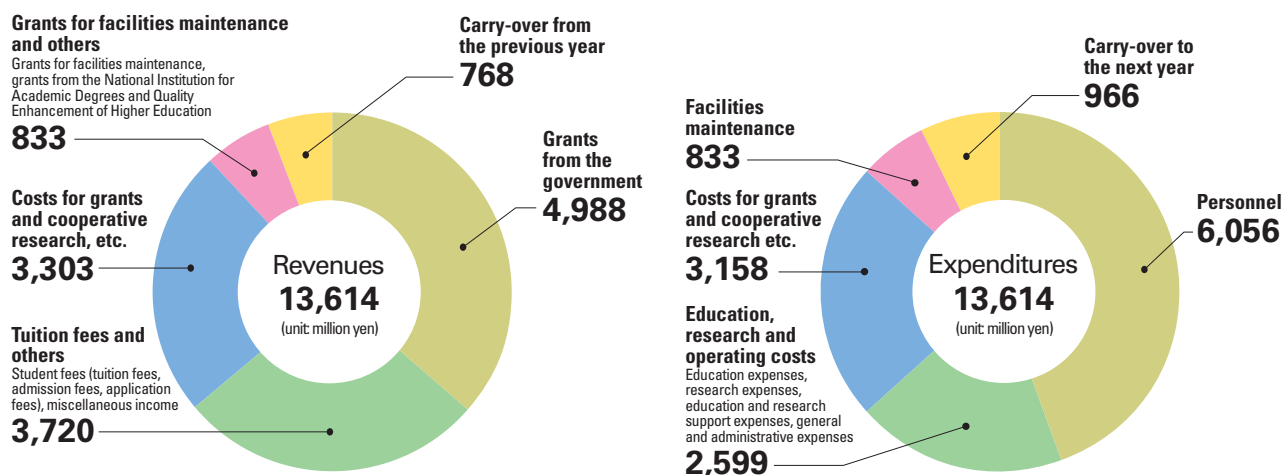
Directors: 6 (**5** men, **1** woman)

Professors: 145 (**135** men, **10** women)

Associate Professors: 137 (**120** men, **17** women)

Assistant Professors: 65 (**53** men, **12** women)

Administrative Staff: 133 (**67** men, **66** women)

Technical Staff: 43 (**32** men, **11** women)

Medical Staff: 1 (**0** men, **1** woman)

Directors: 6

Academic Staff: 347

Staff: 177

Note: Full time staff exclude fixed-term or re-employment contract holders or counselors.

Foreign Academic Staff

Countries	Professors	Associate Professors	Assistant Professors	Total
Brazil			1	1
China	1	1	3	5
Germany			1	1
Ireland	1			1
Nepal	1			1
Republic of Korea	1	1	1	3
United States		2		2
Total	4	4	6	14

Financial Summary

Financial Summary for FY 2022 (amounts rounded to the nearest million yen)

Revenues 13,614 (unit: million yen)

Grants for facilities maintenance and others
Grants for facilities maintenance, grants from the National Institution for Academic Degrees and Quality Enhancement of Higher Education
833

Carry-over from the previous year
768

Grants from the government
4,988

Costs for grants and cooperative research, etc.
3,303

Tuition fees and others
Student fees (tuition fees, admission fees, application fees), miscellaneous income
3,720

Expenditures 13,614 (unit: million yen)

Carry-over to the next year
966

Facilities maintenance
833

Personnel
6,056

Costs for grants and cooperative research etc.
3,158

Education, research and operating costs
Education expenses, research expenses, education and research support expenses, general and administrative expenses
2,599

Note 1: Total amounts may not coincide due to rounding down to the nearest unit.
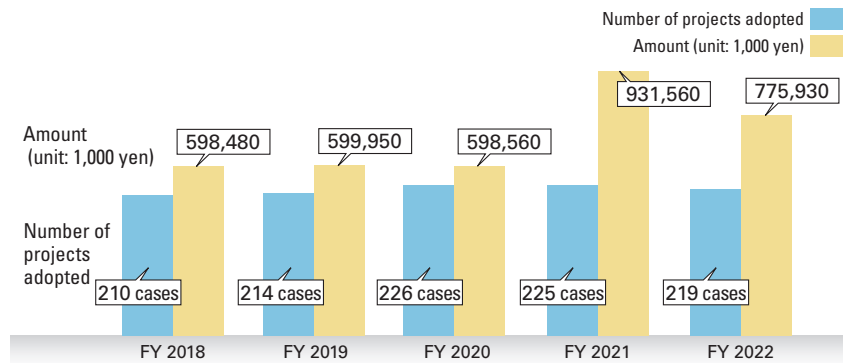Note 2: For "Carry-over from the previous year," only FY 2022 expenditures are included.

📖 Grants-in-Aid for Scientific Research

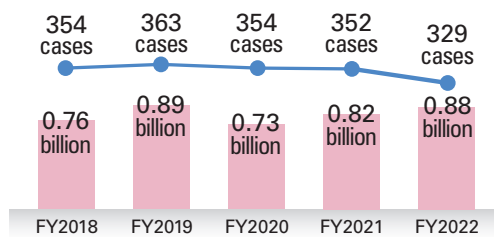## 775,930,000 Yen Funded for 219 Projects

The Grants-in-Aid for Scientific Research (KAKENHI) are research funds aimed at significantly developing outstanding, original and pioneering research in all fields, from the humanities and social sciences to the natural sciences, in order to promote science in Japan. They are important funds for promoting academic research at universities and other institutions, and developing fundamental research in Japan.

Number of projects adopted ▮ (blue)
Amount (unit: 1,000 yen) ▮ (yellow)

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Amount (unit: 1,000 yen)	598,480	599,950	598,560	931,560	775,930
Number of projects adopted	210 cases	214 cases	226 cases	225 cases	219 cases

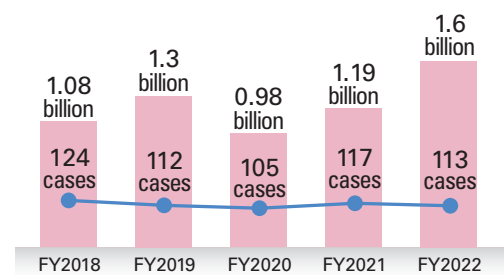# 📖 Collaborative Research and Funded Research

Collaborative Research Projects

Research fellows and funds are accepted from companies, etc. to conduct joint research with academic staff members of NITech.

	FY2018	FY2019	FY2020	FY2021	FY2022
Cases	354 cases	363 cases	354 cases	352 cases	329 cases
Amount	0.76 billion	0.89 billion	0.73 billion	0.82 billion	0.88 billion

Funded Research Projects

Funded Research is conducted by NITech under commission from external institutions, etc., and the cost is borne by the commissioning organization.

	FY2018	FY2019	FY2020	FY2021	FY2022
Amount	1.08 billion	1.3 billion	0.98 billion	1.19 billion	1.6 billion
Cases	124 cases	112 cases	105 cases	117 cases	113 cases

Intellectual Property Revenue

Amount: 1,000 yen

	FY2018	FY2019	FY2020	FY2021	FY2022
Patents, etc.	54,354	11,497	12,617	23,928	32,294
Copyrights	596	148	368	0	649
Know-how	6,246	5,738	36,765	73,502	132,914
Materials	14,760	5,152	2,034	3,870	7,016
Total	75,956	22,535	51,784	101,300	172,873

Campus Map
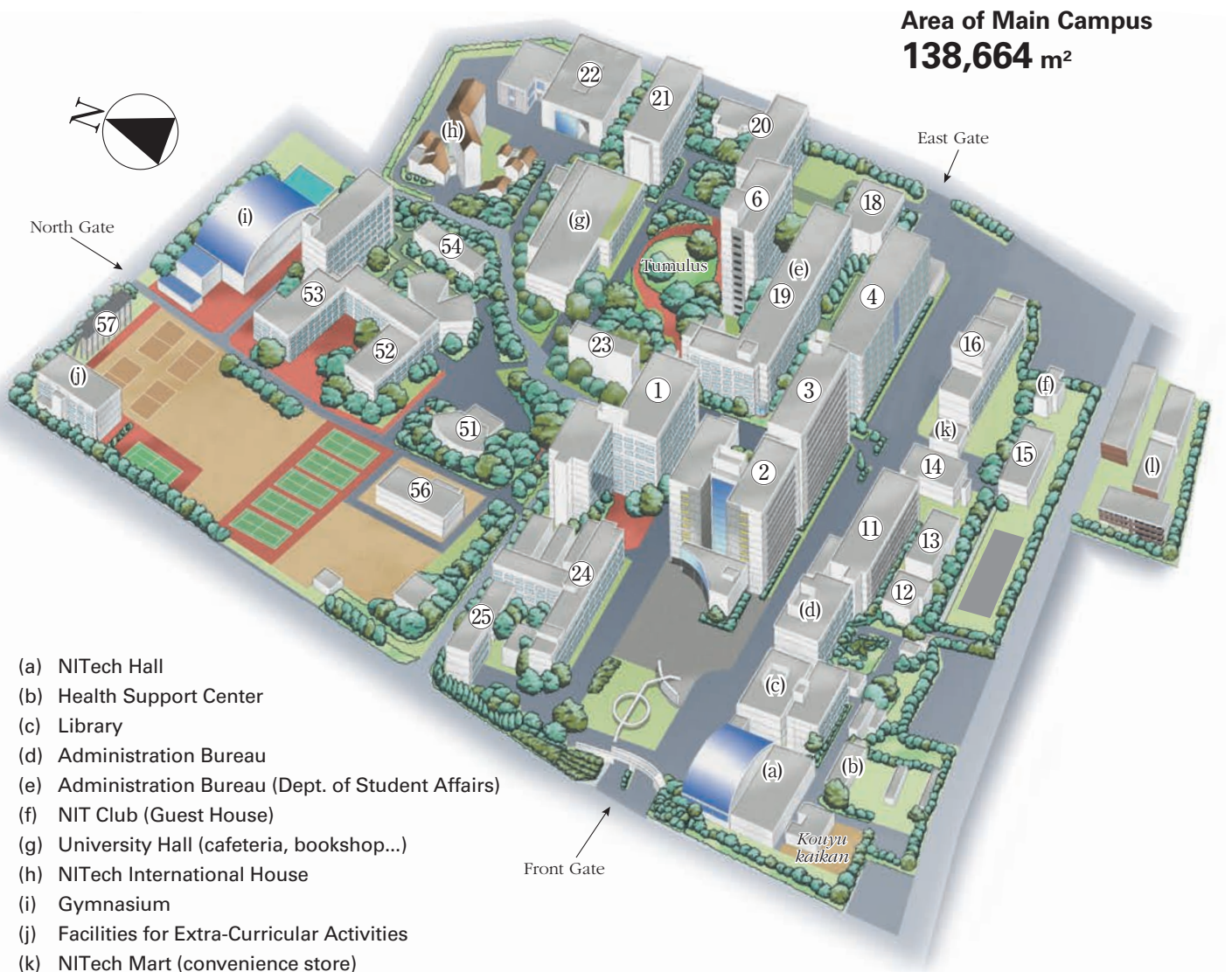
Area of Main Campus
138,664 m²

East Gate

North Gate

Tumulus

Kouyu kaikan

Front Gate

(a) NITech Hall
(b) Health Support Center
(c) Library
(d) Administration Bureau
(e) Administration Bureau (Dept. of Student Affairs)
(f) NIT Club (Guest House)
(g) University Hall (cafeteria, bookshop…)
(h) NITech International House
(i) Gymnasium
(j) Facilities for Extra-Curricular Activities
(k) NITech Mart (convenience store)
(l) NITech Cosmo Village (Dormitory)
※The numbers from①to㊾are the building numbers.

Off Campus Facilities

Chikusa Athletic Field

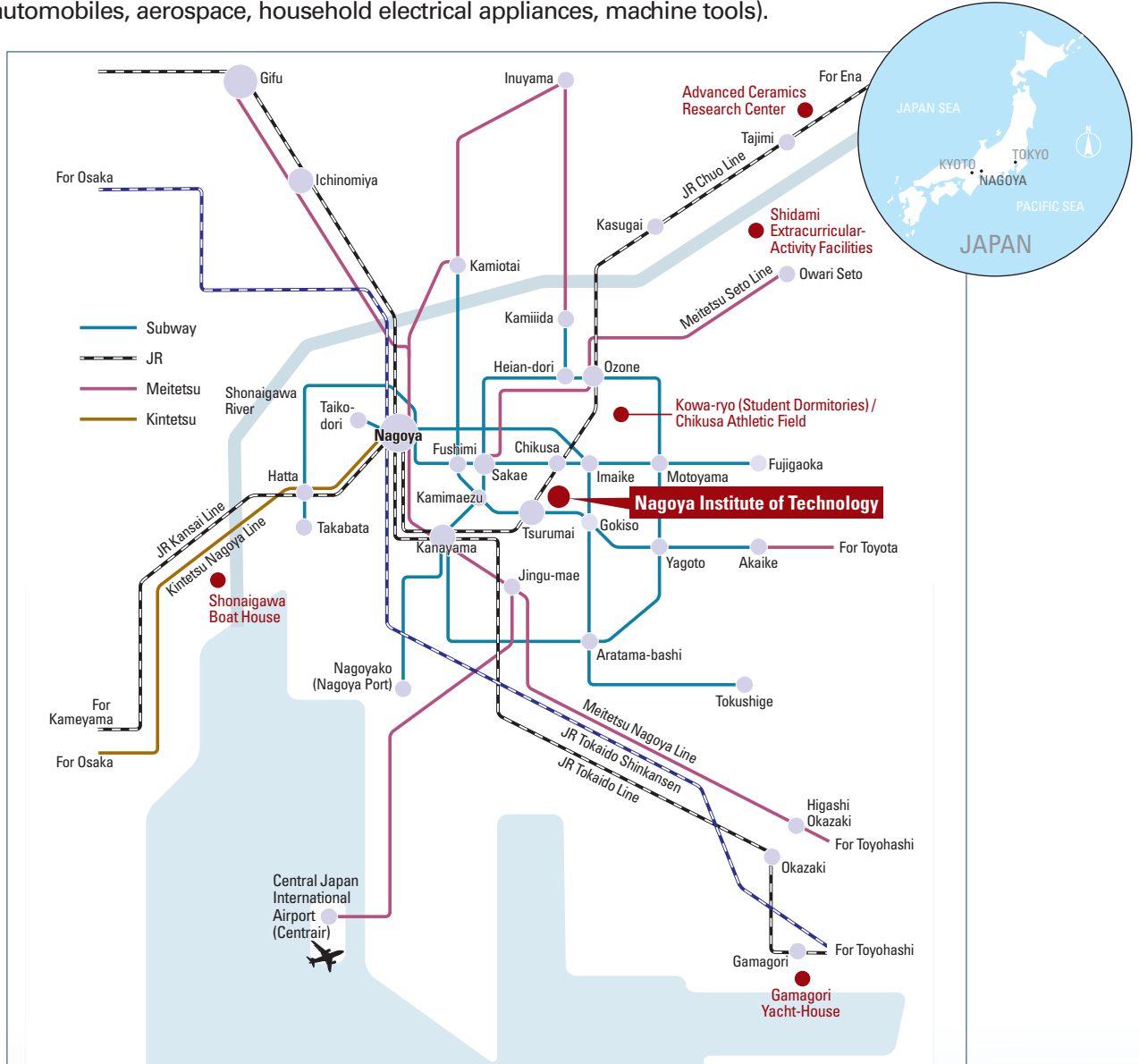### Gamagori Yacht-House

Shonaigawa Boat-House

Shidami Extracurricular-Activity Facilities

Location

NAGOYA, located in the central Japan, is the 3rd largest metropolitan area following Tokyo and Osaka. The main campus of NITech is located in the heart of Nagoya, center of manufacturing industries (automobiles, aerospace, household electrical appliances, machine tools).

Legend:
- Subway
- JR
- Meitetsu
- Kintetsu

Map labels:
Gifu, For Osaka, Inuyama, Advanced Ceramics Research Center, For Ena, Tajimi, JR Chuo Line, Ichinomiya, Kasugai, Shidami Extracurricular-Activity Facilities, Kamiotai, Meitetsu Seto Line, Owari Seto, Kamiiida, Heian-dori, Ozone, Shonaigawa River, Taiko-dori, Nagoya, Fushimi, Chikusa, Kowa-ryo (Student Dormitories) / Chikusa Athletic Field, Hatta, Sakae, Imaike, Motoyama, Fujigaoka, Kamimaezu, Nagoya Institute of Technology, Takabata, Tsurumai, Gokiso, Kanayama, Yagoto, Akaike, For Toyota, Jingu-mae, JR Kansai Line, Kintetsu Nagoya Line, Shonaigawa Boat House, Nagoyako (Nagoya Port), Aratama-bashi, Tokushige, For Kameyama, For Osaka, Meitetsu Nagoya Line, JR Tokaido Shinkansen, JR Tokaido Line, Higashi Okazaki, For Toyohashi, Okazaki, Central Japan International Airport (Centrair), For Toyohashi, Gamagori, Gamagori Yacht-House

Japan inset: JAPAN SEA, KYOTO, TOKYO, NAGOYA, PACIFIC SEA, JAPAN

Means of Transportation

Mode				
JR	Nagoya	(Chuo Honsen Line) → Tsurumai		(6 minutes)
Subway	Nagoya	(Higashiyama Line) → Fushimi	(Tsurumai Line) → Tsurumai	(8 minutes)
Air route	Centrair	(Meitetsu Tokoname Line) → Kanayama	(JR Chuo Honsen Line) → Tsurumai	(27 minutes)

https://www.nitech.ac.jp/eng/access/index.html