# NAGOYA INSTITUTE OF TECHNOLOGY NATIONAL UNIVERSITY



A QUICK GUIDE FOR INTERNATIONAL STUDENTS 2015

## CHARTER OF NAGOYA INSTITUTE OF TECHNOLOGY

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#### **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.

#### Innovation (Monozukuri)

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

#### Education (Hitozukuri)

NITech shall devote itself to foster leading human whose unique qualities and international minds po develop a new science and technolog d change the world by exploring creating, and taking action.

#### Contribution (Miraizukuri)

A REAL PROPERTY AND A REAL NITech, as an open institute emphasize harmony and cooperation with local and interna societies, and strive to make continuous efforts to rea peaceful and prosperous society for the f

### STUDY IN THE HEART OF NAGOYA

NAGOYA, located on central main island of Japan, is the 3<sup>rd</sup>-largest metropolitan area after Tokyo and Osaka. It is also known as the center of key manufacturing industries like automobiles, aviation and machine tools. The main campus of NITech is located in the heart of NAGOYA. It is surrounded by the spacious Tsuruma Park and has easy access to the central shopping area, offering the students convenient and relaxing campus life.







**KEY DATA** (as of 2014) 4,199 1,512

# **98.2%**

ACADEMIC EXCHANGE AGREEMENT WITH 53 UNIVERSITIES/INSTITUTES IN 27 COUNTRIES



### **ABOUT NITech**

Nagoya Institute of Technology (NITech) was founded in 1905 in the Chubu region, where automobile and aviation industries are concentrated. Since then, as an engineering college covering almost all fields of engineering, NITech has grown with regional industry and society, producing over 70,000 talented individuals throughout its history of over 100 years.

Aiming to "foster practical engineering elites" and to "serve as an engineering innovation hub," NITech will establish a new program in April 2016, based on NITech's strategy for Development Human Resources in Science and Technology which focuses on the development of human resources sought by the industrial world. The new "Creative Engineering Program" is a six-year integrated undergraduate and graduate course in an interdisciplinary field whose aim is to cultivate students with broad perspectives. In conjunction with this new program, NITech will reorganize its present seven undergraduate departments and eight graduate departments (with doctoral programs) into five undergraduate departments and six graduate departments. Stepping onto a new global stage while respecting tradition, NITech will pursue its mission of contributing to strengthening the international competitiveness in industry.

66%

UNDERGRADUATE STUDENTS

GRADUATE STUDENTS

GRADUATES' EMPLOYMENT RATE (Academic Year 2013)

277

515

**INTERNATIONAL STUDENTS** 

from 27

countries and regions

FULL-TIME STAFE











### STUDENT SUPPORT AND SERVICES

#### **TUTOR SYSTEM**

In order to help you get a smooth start at NITech, we have a personal tutor system for International students who have just started life in Japan. Tutors usually belong to the same department or laboratory as you. They will help you not only in the studies but also in any practical things in daily life which puzzle you. Especially, their support will be essential for you during the first few weeks after arrival in order to register in the ward office, to open a bank account and to learn where to shop, etc.

#### **STUDENT ASSISTANT (S/A)**

Tutors are not always available for all the International students. However, even if you get no personal tutor, don't worry about it, you can ask for help to our Students Assistant (S/A). They are the Japanese students who work to support International students in every aspect in the academic and daily life.

#### **ACTIVITIES**

There are several recreational and cultural events and day trips for International students, such as Japanese calligraphy, tea ceremony, a trip to a famous shrine and to a car manufacturer's plant, etc. Welcome party for new students by NITIA takes place twice a year. NITIA is an association of International and Japanese students of NITech, founded to provide International students with the opportunity of experiencing Japanese culture and developing a friendship with Japanese students.

#### JAPANESE LANGUAGE CLASSES

We offer a variety of Japanese language classes for all the International students, for researchers and also for their families. There are a wide range of classes from basic to advanced level, covering writing, reading listening and speaking. You can choose them according to your level and purpose. It also includes Business Japanese class for those who aim at getting employment in Japan. The students who wish to take the classes should take a level check before the classes start and we will advise you which classes suit you best.





#### **CAREER SUPPORT**

There is a pre-established Job-hunting system for college students in Japan. Undergraduate and master students who wish to get employment after graduation are supposed to start job hunting in the summer of the year before graduation, when many students participate in internships and start researching the job fields and companies that suit them. The selection process generally continues until autumn of the graduation year when most of the students have obtained a job offer.

If you are willing to find a job in Japan, it will be an important key to follow the flow above. It is also essential to be highly fluent in Japanese. Our Career Support Office will provide with the following services for you to plan a successful career path:

- Personal consultation by career counsellor
- Career Fair where you can directly talk to person from companies that are willing to hire International students
- Practical Workshops and Seminars, that helps you to make industry research or to learn how to write CV or how to act during an interview, etc.

#### ACCOMMODATION

NITech owns a dormitory for International students (International House) on the main campus site. All the rooms are furnished and equipped with kitchen, bathroom and toilet. New International students are able to secure the room with priority. You can apply for it before coming to Japan when you obtained entrance permission. Students are usually permitted to live here maximum 6 months, and supposed to find another accommodation after that.

Room Type	Number of the rooms	Monthly Rent (JPY)
SINGLE	54	5,900
COUPLE	6	9,500
FAMILY	2	14,200



## FEES AND FINANCIAL SUPPORT

#### FEES

	Application Fee (JPY)	Admission Fee (JPY)	Tuition Fee/ year (JPY)			
Undergraduate Course (*)	17,000	282,000	535,800			
Postgraduate Course (*)	30,000	282,000	535,800			
Research Student Program (*)	9,800	84,600	356,400			
Student Exchange Program	The fees are exempted if students are from the universities/institutes with academic exchange agreement and tuition exemption agreement closed with NITech. The other students are responsible for paying the tuition fee. For more details, please contact NITech International Student Affairs Office.					

(\*) Students who obtain MEXT scholarship are exempted from paying the above fees.

#### Pick-up

#### **AJIA-JINZAI PROGRAM** - For those who wish to work in Japanese manufacturing companies in the future -

Along with the rapid expansion of globalism in the business world, NITech has been carrying out a special program for International students from Asian countries who wish to find a job in Japanese manufacturing companies in the future. The program, managed by the cooperation of some manufacturing companies in this region, aims at developing highlyskilled engineers who could play an important role in the Japanese industry society or as a liaison with their home countries. It is a master program of 2 years. It consists of some lectures for understanding the manufacturing engineering, the culture of Japanese companies, as well as practical experience on actual production sites. It also requires students to take business Japanese classes and participate in internships, which strongly assist you to develop a career plan in Japan. NITech Career Support Office also supports you when seeking employment. Students who wish to participate in the program

obtain scholarships from Japanese or local government. For details, contact International Student Affairs Office.



#### **TUITION FEE EXEMPTION**

If you are facing financial difficulties, your tuition fee can be exempted in full or half amount under the condition that you are a regular student of NITech and that your academic record is excellent. The application of exemption takes place at the beginning of each semester.

#### **SCHOLARSHIP**

There are two types of scholarships; one is applicable before enrollment and the other after enrollment.

#### • Scholarship applicable before enrollment

1. Japanese Government Scholarship (MEXT)

It is managed by Japanese Government's Ministry of Education, Culture, Sports, Science & Technology (MEXT). Applicants for undergraduate course can apply for the scholarship through Japanese embassy/ consulates in their home countries, and those who apply for graduate course either through embassy/ consulates or a university in Japan where you wish to study. For application period and procedure, contact NITech International Student Affairs Office or Japanese embassy/consulates in your country. All the MEXT scholarship students are supposed to attend the Japanese language preparation course (1 year for undergraduate students and half year for graduate students) in a designated institute before enrolling to a university.

2. Japan Student Services Organization (JASSO)

Japan Student Services Organization (JASSO) offers the scholarship for International students who achieved excellent score on EJU (Examination for Japanese University Admission for International Students) and enroll as regular student in a university undergraduate course in Japan. As such, students are able to reserve the scholarship before enrolling to a university. For further details, go to JASSO web-site. http://www.jasso.go.jp/ index\_e.html

3. Others

International students who intend to enter master course to participate in a specific program have chance to obtain a scholarship offered by MEXT or by local government. For further details, check the left column.

#### • Scholarship applicable after enrollment

There are more than 30 scholarships offered by private foundations and Japan Student Services Organization (JASSO) for International students. The application is open to all the International Students who satisfy the scholarship selection requirements. The detailed scholarship information is on NITech web-site.



# HOW TO APPLY (The information in the below table is subject to change)

						Acceptance		Application Requirements		Entrance Examination				
		Course 8	& Program (*1)	Goal	Duration	Enrollment	Application Period	confirmation from Academic Supervisor prior to Application (*2)	from Academic Supervisor prior to	(Note: This is the excerpt of most important Application Requirements. For further details, check NITech official web-site)	When	Selection Process	Language in the Examination	Result Notification
		Undergr	raduate Course	Bachelor degree	4 years	April	January	-	Japanese	You should: • have completed at least 12 years of school education • hold total 200 or higher score on EJU's Japanese as a Foreign Language Test in the section of "Reading comprehension", "listening comprehension" and "listening & reading comprehension" • hold TOEIC and/or TOEFL score • hold total 200 or higher score on EJU's Math (Course 2) and Science. Concerning Science, you should select 2 subjects which are designated by the Department you apply for.	February	Document screening, Oral Exam, Interview	Japanese	February
		Master -	Regular course		2 years	April	July	Required	Japanese (some in English)	You should: • have completed at least 16 years of school education • hold JLPT and/or J Test score • hold 46 or higher score in TOEFL-iBT and/or 450 or higher score in TOEIC	August	Document screening, Interview, Writing Exam	Japanese (In Writing Exam, the questions are written in Japanese, but you can answer either in Japanese or in English)	September
Gradua Cours	ate	Course	International Graduate Program for Global Engineers (IGPGE) (This is a course for who aims at working in Japanese companies after completing the course.)	Master degree	2 years	October	January	Required	English or Japanese (In case the lectures are given in Japanese, students will receive supplementary explanation in English.)	You should: • have intention to obtain employments in Japanese companies after completing the program. • have completed at least 16 years of school education • have Grade Point Averages (GPA)* 2.3 or higher during the past 2 years * GPA will be calculated using the 3.0 grading scale.	February	Document screening, Oral Exam, Interview (including an Internet- based interview)	English	March
			Doctoral Course	Doctoral degree	3 years	April	Regular Application: July Winter Application: January	Required	Japanese or English	You should hold master degree, or academic degree equivalent to that.	August January	Document screening, Oral Exam, Interview	You can take either in Japanese or in English	September February
		Research :	Student Program	This program is not for the purpose of obtaining a degree	Up to 2 years	April October	Students living in Japan: January Students living abroad: December Students living in Japan: August Students living abroad: June	Required	– (Research only)	You should: • have completed at least 16 years of school education • hold bachelor or master degree, or academic degree equivalent to those. • be fluent in Japanese, the level equivalent to JLPT N2	You should Affairs Offi determined	ce and make the payment	l cuments to NITech Internat of application fee. Your acc s Committee based on the	tional student ceptance is
		Special	Undergraduate Student (SUS)	This program is for the undergraduate students in overseas universities who wiish to take lectures at NITech for one or two semesters. (one semester completes in half year.)		April October	December June		Japanese	You should be an undergraduate student in overseas universities. For applying for this program, no specific test score of Japanese is required, however, as all the lectures are given in Japanese, the applicants must be quite fluent in Japanese.				
Stude Exchan progra	nge	Speci	ial Graduate Student (SGS)	This program is for the graduate students in overseas universities who wish to take lectures at NITech for one or two semesters. (one semester completes in half year.)	Up to 1 year	April October	- Japanese test score of Japanese is required, however, as all the lectures are given in Japanese, the applicants Affairs Office. The documents June Mathematical Affairs Division in your home U	ce. The documents should sion in your home Universi	n documents to NITech International Student ould be submitted through International versity. Your acceptance is determined by our ased on the application documents submitted.					
	9	Special Gra	aduate Research Student (SGRS)	This program is for the graduate students in overseas universities who wish to conduct research at NITech for one or two semesters. (one semester completes in half year.)		April or October (Enrollment in other than the above months is subject to discussion)	By 4 months prior to the research starting date	Required	– (Research only)	You should be a graduate student in overseas universities.	Contraction and a second second of the application obtainents s			Sina aubinitted.

(\*1)There is no program provided for the sole purpose of studying Japanese Language (\*2) If it is "Required", you should contact a prospective academic supervisor (professors) to obtain an acceptance confirmation in his/her laboratory in advance of submitting application documents. You can check their research field and contact address in Researcher Database System of our web-site "http://researcher.nitech.ac.jp/search?l=en".

# ACADEMIC ORGANIZATION

#### **Current Organization**

Faculty of Engineering	Graduate School of Engineering				
Undergraduate Course	Master Course Doctoral Course				
Life and Materials Engineering	Materials Science and Engineering				
Environmental and Materials Engineering	Engineering Physics, Electronics and Mechanics				
Mechanical Engineering	Computer Science and Engineering				
Electrical and Electronic Engineering	Architecture, Civil Engineering and Industrial Management Engineering				
Computer Science	Frontier Materials				
Architecture and Design	Scientific and Engineering Simulation				
Civil Engineering and Systems Management	Techno-Business Administration				
	Nanopharmaceutical Sciences				

#### Organization Development effective from Academic Year 2016

Faculty of Engineering	Graduate School of Engineering				
Undergraduate Course	Master Course	Doctoral Course			
Life Science and Applied Chemistry					
Physical Science and Engineering					
Electrical and Mechanical Engineering					
Computer Science					
Architecture, Civil Engineering and Industrial Manag	gement Engineering				
		Nanopharmaceutical Sciences			
Creative Engineering Program (Six-years' integrated co	burse)				

#### Pick-up



#### Mei-chan

Mei-chan is a cute 3D character with a voice interactive digital signage campus guidance system. She stands at the front gate of Nagoya Institute of Technology. Since April, 2011, she has welcomed all visitors and given them directions to their destination on our campus.

### CONTACT US

#### **International Student Affairs Office**

Gokiso-cho, Showa-ku, Nagoya, 466-8555 JAPAN TEL: +81-52-735-5079 FAX; +81-52-735-5080 international@adm.nitech.ac.jp http://www.nitech.ac.jp/eng/



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