

For Enrollment October 2022  
Prospectus for International Graduate Program for Global Engineers  
Nagoya Institute of Technology

**1. General Information**

Nagoya is at the heart of Japan's industrial area, and famous as the heart of the Japanese manufacturing industry. Nagoya Institute of Technology (NITech) is the longest established national higher education institute of engineering in this area. Many of our alumni are working in major companies related to the manufacturing industry.

Because Japanese manufacturing industry is rapidly expanding its business worldwide, especially into Asian countries, NITech has launched a master course program for manufacturing technology. International Graduate Program for Global Engineers (hereinafter referred to as the "IGPGE") is designed for overseas (mainly India, ASEAN and their surrounding countries') students who want to develop a career in the Japanese manufacturing industry.

Several manufacturing companies in the region cooperate with IGPGE, and some of them will offer students internship opportunities. The graduates of IGPGE are obliged to find employment in Japanese companies in manufacturing industry, and play an important role worldwide as a highly-skilled engineer.

**2. IGPGE (subject to change)**

IGPGE is based on the curriculum of the existing master courses and it also offers some additional subjects aimed to develop highly-skilled engineers for the manufacturing industry. The students can choose his/her course from the following:

- a) Life Science and Applied Chemistry Program
- b) Physical Science and Engineering Program
- c) Electrical and Mechanical Engineering Program
- d) Computer Science Program
- e) Architecture, Civil Engineering and Industrial Management Engineering Program

The introduction of each program can be seen on the NITech 's website.

<https://www.nitech.ac.jp/eng/about/departments/index.html>

Besides the existing curriculum of each master course, the students will take the following special subjects.

(1) Subjects of Production Engineering

- 1) An "Introduction to Automobile Engineering" is given for all students.
- 2) A subject related to Production Engineering is given in each program.

(2) Multicultural Symbiosis

Japanese manufacturing companies are expanding their businesses worldwide.

Students learn the strength and weakness of such Japanese companies and how to deal the business in the advancing globalism. The subject is featured by the practical study of “Kaizen”, the unique improvement activities carried out in the Japanese manufacturing companies, offering the practical experiences in the factories.

(3) Global Human Resources

This subject is designed also for Japanese students who have strong interest in working overseas. Both International and Japanese students work together on the tasks related to their own cultures and languages, aiming to develop themselves to be “Global Human Resources” and to develop the carrier plan in global business.

(4) Japanese/Business Japanese

IGPGE offers 1 year’s comprehensive Japanese course, which consist of basic course in the first half and advanced course in the latter half. The advanced course aims to acquire business Japanese, particularly Japanese used in the manufacturing industry. The goal is to be qualified for Level N2 of JLPT.

(5) Internship

All students should carry out his/her internship in Japanese companies.

(6) Thesis

All students should write his/her thesis on a specific theme related to manufacturing technology in each specialized field of study.

The duration of IGPGE is two years from October of 2022 to September of 2024.

Students are encouraged to possess a basic Japanese knowledge of JLPT4 (Japanese Language Proficiency Test), or equivalent level of Japanese proficiency. NITech considers your effort and eagerness to acquire Japanese language, and your Japanese study experience. The lectures of IGPGE are given either in English or Japanese. In case the lecture is given in Japanese, the students will receive supplementary explanation in English.

### 3. Number of Students

The number of students to be admitted is THIRTEEN (13).

### 4. Japanese Government Scholarship

Applicants with excellent academic records are entitled to apply for the Japanese Government Scholarship (Monbukagakusho: MEXT Scholarship). The monthly stipend of the scholarship is 144,000 (JPY) for graduate students (the amount of the scholarship is subject to change according to the rules of the Japanese Government). The successful students for the Japanese Government Scholarship are exempt from paying the application fee, the admission fee, and the tuition fee described in Article 9.

Japanese Government Scholarship will be granted to 5 students.

Applicants for the Japanese Government Scholarship must have a designated language proficiency (English or Japanese), and understand all the matters and requirements in the Application for Japanese Government Scholarship for 2022. The successful students for the

Japanese Government Scholarship must fulfill all the requirements for receiving the Japanese Government Scholarship.

## 5. Qualifications

- (1) Applicants must satisfy the following conditions.
  - 1) Must complete or will complete a 16-year school curriculum in a foreign country by September 30, 2022.
  - 2) Must have excellent academic marks.  
The Grade Point Averages (GPA)\* should meet 2.3 or higher  
\* GPA will be calculated using the 3.0 grading scale.
- (2) Applicants must have been born on or after April 2, 1987.
- (3) Applicants must have nationality of a country recognized by the Japanese government. However, those with Japanese nationality at the time of application are not eligible.
- (4) Possessing basic Japanese knowledge is desirable and sufficient English ability is required to carry out research and attend classes.
- (5) Applicants have no physical or mental conditions hindering the applicant's study in Japan.
- (6) The following persons are not eligible.
  - 1) Former MEXT scholarship students whose last receipt is less than 3 years ago (However, this does not include former Japanese studies students and students of Japan-Korea Joint Government Scholarship Program for the Students in Science and Engineering Departments)
  - 2) Students who cannot complete their studies within the standard number of years required for graduation (excluding stop-outs).
  - 3) Applicants whose main purpose is to acquire license in fields such as medical, law and/or teaching.
  - 4) Soldiers and military civilian employees.
  - 5) Applicants who cannot arrive in Japan on the date specified by the MEXT.
  - 6) Recipients of other scholarships.
  - 7) Students applying to more than one university, to the MEXT scholarship 2022 through Embassy Recommendation, and to the JASSO Student Exchange Program Scholarship 2022.

## 6. Application Procedure

The applicant should contact the academic advisor first, and obtain the approval of the academic advisor on his/her study in IGPGE. Next, the applicant should send the following documents to International Student Affairs Office of NITech (see the contact address shown in 10) by January 7, 2022. (The date of deadline may be changed.)

Note: If it is difficult to submit some of these documents before the closing date for an unavoidable reason, please consult with the academic advisor in advance.

- (1) Application Form (attached form: must be original, copies cannot be accepted)  
\*One photo taken within the past 6 months (4.5cm×3.5cm) should be attached.
- (2) Field of Study and Research Plan [Research Proposal] (attached form)
- (3) Official transcript of academic record (original or certified copies)
- (4) Summary of Thesis (free format)  
\*Outline of your study or research in your undergraduate course.
- (5) Recommendation Letter from the Dean or equivalent official of the applicant's home university addressed to the President of NITech (free format) (original or photocopies)
- (6) Certificate of Graduation or Expected Graduation (original or certified copies)
- (7) Japanese language certificate  
Instead of a Japanese language certificate, you can submit a document that shows your Japanese language study experience and eagerness for Japanese (A4 free format, written in Japanese).
- (8) English language certificate  
If you submit a Japanese certificate in (7), you do not need to submit an English certificate.
- (9) Copy of your passport containing the page of your name and photo
- (10) Pledge (attached form: must be original, copies cannot be accepted)

Note:

- \* These documents should be made in English with word-processing software and printed double-sided on size A4 paper.
- \* Submitted documents will not be returned.
- \* Your application will not be evaluated if the above documents are incomplete or not accurately completed. Applications that arrive after the deadline will not be accepted.

## **7. Preliminary Consultation for Applicants with Disabilities or Other**

Special treatment is available for students with disabilities. Please contact the International Student Affairs Office prior to the application if you have a disability stipulated in Article 22-3 of the Order for Enforcement of the School Education Act and other disability or others, and therefore need special care to enable you to attend the admission examination.

You should inform the International Student Affairs Office of the content of your requirements by e-mail. Please refer to section “12 Contact/Inquiries.”

## **8. Selection and Notification**

### **1. Application Period**

Deadline: Friday, January 7, 2022

### **2. Screening**

Based on the application form, academic transcripts, other documents submitted, and interview (including an online interview).

### 3. Date of Examination

Will be announced after submission of application documents.

### 4. Notification of Result

Will be announced by Monday, March 7, 2022.

## 9. Application Fee, Admission Fee and Tuition Fee

All the application except the successful applicants who are awarded the Japanese Government Scholarship will be required to pay the following fee:

Application Fee	30,000JPY
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Successful Applicants who are not awarded the Japanese Government Scholarship will be required to pay the following fees:

Admission Fee	282,000JPY
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Tuition Fee	535,800JPY
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(The admission and tuition fees are subject to change.)

Applicants will be informed of the payment method after the notification of their admission result. Admission Fee and Tuition Fee can be exempted or the payment can be postponed upon request. Students who wish for the exemption or payment postponement are required to submit the application form. The detailed procedure and deadline will be informed to successful applicants separately.

## 10. Accommodation

NIITech has a dormitory for overseas students in the main campus. Graduate students are required to stay in the dormitory for two years.

## 11. Security Export Control

Nagoya Institute of Technology has established the “Nagoya Institute of Technology Security Export Control regulations” in accordance with the “Foreign Exchange and Foreign Trade Act”, and rigorously screens potential international students on the basis of these regulations. International applicants who fall under any of the conditions set out in said regulations may be unable to enter their desired program.

[Reference]

Ministry of Economy, "Trade and Industry “Security Export Control”

<https://www.meti.go.jp/policy/anpo/englishpage.html>

“Nagoya Institute of Technology Security Export Control regulations”

<https://www.nitech.ac.jp/eng/about/regulations/files/c->

1\_Security\_Export\_Control\_Regulations.pdf

## **12. Contact/ Inquiries**

International Student Affairs Office

Nagoya Institute of Technology

Gokiso-cho, Showa-ku, Nagoya, Aichi 466-8555, Japan

Tel:+81-52-735-5079, 5608

Fax:+81-52-735-5080

E-mail: [international@adm.nitech.ac.jp](mailto:international@adm.nitech.ac.jp)

Graduate School of Engineering Master's Degree Program

The List of Advisers

Life Science and Applied Chemistry Program

(subject to change)

<b>Life and Materials Chemistry</b>		
Professor	Associate Professor	Assistant Professor
AOKI Atsushi	INOMATA Tomohiko	IIGUNI Yoshinori
ITOH Hiroshi	ONO Katsuhiko	ISHII Yosuke
IWATA Shuichi	SONOYAMA Noriyuki	KONDO Masaharu
OHKITA Masakazu	NAGUMO Ryo	FURUKAWA Haruki
OZAWA Tomohiro	HANAI Yoshiteru	
KATO Yoshihito	HIRASHITA Tsunehisa	
KAWASAKI Shinji	HIROTA Yuuichirou	
KANDORI Hideki	FURUTANI Yuji	
KITAGAWA Shinya	MIZUNO Toshihisa	
SHIBATA Norio	MIYAGAWA Atsushi	
TAKADA Kazutake	YAGYU Takeyoshi	
DEWA Takehisa	YASUI Takashi	
NAKAMURA Shuichi	YAMAMOTO Yasushi	
YAMAMURA Hatsuo		

<b>Soft Materials</b>		
Professor	Associate Professor	Assistant Professor
INAI Yoshihito	ISHII Daisuke	
INOMATA Katsuhiko	OKAMOTO Shigeru	
TAKASU Akinori	SAKO Katsuya	
TSUKIJI Shinya	SHIOTSUKA Michito	
NAGATA Kenji	SUGIMOTO Hideki	
HIGUCHI Masahiro	TAKAGI Koji	
	NOBUKAWA Shogo	
	MATSUOKA Shinichi	
	YAMAMOTO Katsuhiko	
	YOSHIZATO Hideo	
	YOSHIMIZU Hiroaki	

<b>Advanced Ceramics</b>		
<b>Professor</b>	<b>Associate Professor</b>	<b>Assistant Professor</b>
ADACHI Nobuyasu	ASAKA Toru	
IDA Takashi	OBATA Akiko	
IWAMOTO Yuji	KAGOMIYA Isao	
KAKIMOTO Kenichi	SHIRAI Takashi	
SHIN Woosuck	DAIKO Yusuke	
NAKAYAMA Masanobu		
HASHIMOTO Shinobu		
HANEDA Masaaki		
HAYAKAWA Tomokatsu		
HYUGA Hideki		
FUKUDA Koichiro		
FUJI Masayoshi		
FUDOZI Hiroshi		
MAEDA Hirotaka		



Graduate School of Engineering Master's Degree Program

The List of Advisers

Physical Science and Engineering Program

(subject to change)

<b>Materials Function and Design</b>		
Professor	Associate Professor	Assistant Professor
OHARA Shigeo	IDE Naoki	
KURE Shochiku	OKUMURA Keiji	
HAGIHARA Koji	KURITA Noriaki	
HAMANAKA Yasushi	SATO Hisashi	
HAYASHI Koichi	TANAKA Masaaki	
HIHARA Takehiko	HOSHI Yoshinao	
MIBU Ko	MIYAZAKI Hidetoshi	
WATANABE Yoshimi		

<b>Applied Physics</b>		
Professor	Associate Professor	Assistant Professor
ARITA Kenichiro	ISOBE Masaharu	HONDA Mitsuhiro
IKEDA Katsuyoshi	ONO Shingo	KOBAYASHI Ryo
IWATA Makoto	KIMURA Takashi	MIYAGAWA Reina
OGATA Shuji	TAMURA Tomoyuki	TAKIKAWA Yoshinori
TAKAHASHI Akira	TANZAWA Yasutoshi	
WATANABE Takeshi	NAITO Takashi	
	MOTOBAYASHI Kenta	
	YONEYA Akihiko	

Graduate School of Engineering Master's Degree Program

The List of Advisers

Electrical and Mechanical Engineering Program

(subject to change)

<b>Electrical and Electronic Engineering</b>		
Professor	Associate Professor	Assistant Professor
ICHIMURA Masaya	AOKI Mutsumi	KATO Shinya
IWASAKI Makoto	ABE Koji	SATO Notitaka
WANG Jianqing	ANZAI Daisuke	
KIKUMA Nobuyoshi	OKAMOTO Eiji	
KOSAKA Takashi	KATO Masashi	
SAKAKIBARA Kunio	KISHI Naoki	
SOGA Tetsuo	KITAGAWA Wataru	
TAKESHITA Takaharu	KUBO Toshiharu	
NIRAULA Madan	GOMEZ Jose	
HIRATA Akimasa	SEKI Kenta	
MIYOSHI Makoto	HIRAYAMA Hiroshi	
MORITA Yoshifumi	MAEDA Yoshihiro	
YASUI Shinji	WAKATSUCHI Hiroki	
	WAKEJIMA Akio	

<b>Mechanical Engineering</b>		
Professor	Associate Professor	Assistant Professor
ISHINO Yojiro	IIDA Oaki	
IDO Yasushi	ITO Toshihiro	
ITOIGAWA Fumihiko	IWAMOTO Yuhiko	
SAKAGUCHI Masamichi	UJIHARA Yoshihiro	
SANO Akihito	USHIJIMA Tatsuo	
TANAKA Yoshihiro	SAIKI Yu	
TAMANO Shinji	SUGITA Shukei	
NAKAMURA Masanori	HAYAKAWA Shinya	
NISHIDA Masahiro	HOURA Tomoya	
HASEGAWA Yutaka	MAEGAWA Satoru	
FURUTANI Masahiro	MAKINO Takehiko	
MORINISHI Yohei	WASAKA Toshiaki	
YAMADA Manabu		

Graduate School of Engineering Master's Degree Program  
 The List of Advisors  
 Computer Science Program

(subject to change)

<b>Networks</b>		
Professor	Associate Professor	Assistant Professor
KATAYAMA Yoshiaki	ITO Yoshihiro	TATEIWA Yuichiro
SAITO Shoichi	UCHIYA Takahiro	
TAKUMI Ichi	KAWASHIMA Ryota	
TSUMURA Tomoaki	NUNOME Toshiro	
MATSUO Hiroshi	FUKUSHIMA Norishige	
WADAYAMDA Tadashi		

<b>Computational Intelligence</b>		
Professor	Associate Professor	Assistant Professor
INUZUKA Nobuhiro	AHMED Moustafa	
OZONO Tadachika	OTSUKA Takanobu	
KATO Shohei	KARASUYAMA Masayuki	
SHIRAMATSU Shun	KIM Eunju	
TAKEUCHI Ichiro	FUNASE Arao	
NAGAI Masashi	MATSUI Toshihiro	
	MUTOH Atsuko	
	MORIYAMA Koichi	

<b>Multimedia and Huma Computer Interaction</b>		
Professor	Associate Professor	Assistant Professor
ODA Ryo	KUROYANAGI Susumu	KUGLER Mauricio
CULLEN Brian	GOTO Tomio	
SATO Jun	SAKAUE Fumihiko	
TAMAKI Toru	SAKOH Shinji	
TOKUDA Keiichi	TAGUCHI Ryo	
HONTANI Hidetaka	TANAKA Yuko	
RI Akinobu	NANKAKU Yoshihiko	
	HASHIMOTO Kei	
	HIRANO Satoshi	

	FUNAHASHI Kenji	
	YAMAMOTO Daisuke	
	YOKOTA Tatuya	

<b>Mathematics and Mathematical Science</b>		
Professor	Associate Professor	Assistant Professor
ADACHI Toshiaki	OHASHI Misa	
HIRASAWA Mikami	SAEKI Akihiro	
MATSUZOE Hiroshi	SUZUKI Masahiro	
MIZUSAWA Yasushi	CHIKAMI Noboru	
YAMAGISHI Masakazu	NAKASHIMA Norihiro	
YOSHIDA Eiko	HAYASHI Tomohiro	
	YOKOGUSHI Azusa	

Graduate School of Engineering Master's Degree Program  
 The List of Advisors  
 Architecture, Civil Engineering and Industrial Management Engineering Program  
 (subject to change)

<b>Architecture and Design</b>		
Professor	Associate Professor	Assistant Professor
ISHIKAWA Yuka	ITO Takanori	
ISHIMATSU Takeyoshi	ITO Yosuke	
IDOTA Hideki	UMEMURA Hisashi	
KANEDA Toshiyuki	KOMATSU Yoshinori	
KAMO Kiwako	SATO Atsushi	
KAWABE Shinji	SUDO Mine	
KITAGAWA Keisuke	NATSUME Yoshinori	
KUSUHARA Fumio	HAMADA Shinichi	

<b>Civil and Environmental Engineering</b>		
Professor	Associate Professor	Assistant Professor
UEHARA Naoto	IWAMOTO Masami	
KAYABA Yuichi	UEHARA Takumi	
KITANO Toshikazu	SHO Kenjiro	
SEGUCHI Masahisa	SUZUKI Koji	
CHO Ho	NAGATA Kazutoshi	
NONAKA Tetsuya	YOSHIDA Naoko	
HIDESHIMA Eizo	YOSHIDA Ryo	
FUJITA Motohiro		
FUJIMOTO Tsumoru		
MAEDA Kenichi		
MASUDA Michiko		

<b>Field of Systems Management and Engineering</b>		
Professor	Associate Professor	Assistant Professor
ARAKAWA Masahiro	KAWAMURA Hironobu	
SUMI Katsunori	KANDA Koji	
TOKUMARU Norio	KOJIMA Mitsutoshi	
NAKADE Koichi	SUN Jing	
HAYASHI Atsuhiko	HAMAGUCHI Takashi	
YOKOYAMA Junichi		
WATANABE Kenji		