

For Enrollment October 2021  
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 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) Program of Life Science and Applied Chemistry
- b) Program of Physical Science and Engineering
- c) Program of Electrical and Mechanical Engineering
- d) Program of Computer Science
- e) Program of Architecture, Civil Engineering and Industrial Management Engineering

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

<http://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) A "Introduction to Automobile Engineering" is given for all students.
  - 2) A "Special study of 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 2021 to September of 2023.

Students ideally possess a basic Japanese knowledge such as JLPT4 (Japanese Language Proficiency Test). 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 TEN (10).

### 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 8.

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 2021. 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, 2021.
  - 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, 1986.
- (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 must be free from any mental or physical disabilities that affect studies.
- (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 2021 through Embassy Recommendation, and to the JASSO Student Exchange Program Scholarship 2021.

## 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 8, 2021. (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: original, no photocopies)  
\*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 (for the past 2 years) (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) Language certificate (English or Japanese)
- (8) Copy of your passport containing the page of your name and photo
- (9) Pledge (attached form: original, no photocopies)

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. Selection and Notification**

### **1. Application Period**

Deadline: Friday, January 8, 2021

### **2. Screening**

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

### **3. Date of Examination**

Will be announced after submission of application documents.

### **4. Notification of Result**

Will be announced by Saturday, March 6, 2021.

## **8. 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.

#### **9. Accommodation**

NITech has a dormitory for overseas students in the main campus. Graduate students are required to stay in the dormitory for a year.

#### **10. 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)

**Table 1: Advisors in Program of Life Science and Applied Chemistry**

(subject to change)

<b>Life and Materials Chemistry</b>		
Professor	Associate Professor	Assistant Professor
AOKI Atsushi	INOMATA Tomohiko	IIGUNI Yoshinori
ITOH Hiroshi	IWATA Shuichi	ISHII Yosuke
OHKITA Masakazu	OGASAWARA Riki	KONDO Masaharu
OZAWA Tomohiro	ONO Katsuhiko	
KATO Yoshihito	SHIDA Norihiro	
KAWASAKI Shinji	SONOYAMA Noriyuki	
KANDORI Hideki	NAGUMO Ryo	
KITAGAWA Shinya	HANAI Yoshiteru	
SHIBATA Norio	HIRASHITA Tsunehisa	
TAKADA Kazutake	HIROTA Yuichiro	
DEWA Takehisa	FURUTANI Yuji	
NAKAMURA Shuichi	MIZUNO Toshihisa	
YAMASHITA Keiji	MIYAGAWA Atsushi	
YAMAMURA Hatsuo	YAGYU Takeyoshi	
	YASUI Takashi	
	YAMAMOTO Yasushi	
<b>Soft Materials</b>		
Professor	Associate Professor	Assistant Professor
INAI Yoshihito	ISHII Daisuke	
INOMATA Katsuhiro	OKAMOTO Shigeru	
TAKASU Akinori	SAKO Katsuya	
TSUKIJI Shinya	SHIOTSUKA Michito	
NAGATA Kenji	SUGIMOTO Hideki	
HIGUCHI Masahiro	TAKAGI Koji	
	NOBUKAWA Shogo	
	YAMAMOTO Katsuhiro	
	MATSUOKA Shinichi	
	YOSHIZATO Hideo	
	YOSHIMIZU Hiroaki	
<b>Advanced Ceramics</b>		
Professor	Associate Professor	Assistant Professor
ADACHI Nobuyasu	ASAKA Toru	
IDA Takashi	OBATA Akiko	
IWAMOTO Yuji	KAGOMIYA Isao	
KAKIMOTO Ken-ichi	SHIRAI Takashi	
KASUGA Toshihiro	DAIKO Yusuke	
SHIN Woosuck		
NAKAYAMA Masanobu		
HASHIMOTO Shinobu		
HANEDA Masaaki		
HAYAKAWA Tomokatsu		
HYUGA Hideki		
FUKUDA Koichiro		
FUJI Masayoshi		
FUDOJI Hiroshi		
MAEDA Hirotaka		

**Table 2: Advisors in Program of Physical Science and Engineering**

(subject to change)

<b>Materials Function and Design</b>		
Professor	Associate Professor	Assistant Professor
OHARA Shigeo	IDE Naoki	
KURE Shochiku	OKUMURA Keiji	
HAMANAKA Yasushi	KURITA Noriaki	
HAYASHI Koichi	SATO Hisashi	
HIHARA Takehiko	TANAKA Masaaki	
MIBU Ko	HOSHI Yoshinao	
WATANABE Yoshimi	MIYAZAKI Hidetoshi	
<b>Applied Physics</b>		
Professor	Associate Professor	Assistant Professor
IKEDA Katsuyoshi	ARITA Kenichiro	MIYAGAWA Reina
ICHIKAWA Yo	ISOBE Masaharu	
IWATA Makoto	ONO Shingo	
OGATA Shuji	GOLAP Kalita	
TAKAHASHI Akira	KIMURA Takashi	
TANEMURA Masaki	TAMURA Tomoyuki	
WATANABE Takeshi	TANZAWA Yasutoshi	
	NAITOH Takashi	
	MOTOBAYASHI Kenta	
	YONEYA Akihiko	

**Table 3: Advisors in Program of Electrical and Mechanical Engineering**

(subject to change)

<b>Electrical and Electronic Engineering</b>		
Professor	Associate Professor	Assistant Professor
ICHIMURA Masaya	AOKI Mutsumi	SATO Noritaka
IWASAKI Makoto	ABE Koji	KATO Shinya
WANG Jianqing	ANZAI Daisuke	
KIKUMA Nobuyoshi	OKAMOTO Eiji	
KOSAKA Takashi	KATO Masashi	
SAKAKIBARA Kunio	KISHI Naoki	
SOGA Tetsuo	KITAGAWA Wataru	
TAKESHITA Takaharu	KUBO Toshiharu	
MADAN Niraula	Gomez Tames Jose David	
HIRATA Akimasa	SEKI Kenta	
MIZUNO Yukio	HIRAYAMA Hiroshi	
MIYOSHI Makoto	MAEDA Yoshihiro	
MORITA Yoshifumi	WAKATSUCHI Hiroki	
YASUI Shinji	WAKEJIMA Akio	
<b>Mechanical Engineering</b>		
Professor	Associate Professor	Assistant Professor
ISHINO Yojiro	IIDA Oaki	
IDO Yasushi	ITO Kei	
ITOIGAWA Fumihiro	ITO Toshihiro	
KITAMURA Kazuhiko	USHIJIMA Tatsuo	
SAKAGUCHI Masamichi	UJIHARA Yoshihiro	
SANO Akihito	SAIKI Yu	
TAGAWA Masato	SUGITA Shukei	
NAKAMURA Masanori	TANAKA Yoshihiro	
NISHIDA Masahiro	TAMANO Shinji	
HASEGAWA Yutaka	HAYAKAWA Shinya	
FURUTANI Masahiro	HOURA Tomoya	
MORINISHI Yohei	MAEGAWA Satoru	
YAMADA Manabu	MAKINO Takehiko	
	WASAKA Toshiaki	
	IWAMOTO Yuhiro	



**Table 4: Advisors in Program of Computer Science**

(subject to change)

<b>Networks</b>		
Professor	Associate Professor	Assistant Professor
ISHIBASHI Yutaka KATAYAMA Yoshiaki SAITO Shoichi TAKUMI Ichi TSUMURA Tomoaki MATSUO Hiroshi WADAYAMA Tadashi	ITO Yoshihiro UCHIYA Takahiro NUNOME Toshiro FUKUSHIMA Norishige KAWASHIMA Ryota	TATEIWA Yuichiro KIM Yonghwan TAKABE Satoshi KAKEI Shohei KAJIOKA Shinsuke
<b>Computational Intelligence</b>		
Professor	Associate Professor	Assistant Professor
INUZUKA Nobuhiro OZONO Tadachika KATO Shohei TAKEUCHI Ichiro NAGAI Masashi	AHMED Moustafa OTSUKA Takano KARASUYAMA Masayuki KIM Eunju SHIRAMATSU Shun NAKAMURA Tsuyoshi FUNASE Arao MATSUI Toshihiro MUTOU Atsuko MORIYAMA Koichi	SAKUMA Takuto ITOH Hirotaka
<b>Multimedia and Human Computer Interaction</b>		
Professor		Assistant Professor
ODA Ryo SATO Jun TOKUDA Keiichi HONTANI Hidekata RI Akinobu TAMAKI Toru	KUROYANAGI Susumu GOTO Tomio SAKAUE Fumihiko SAKO Shinji TAGUCHI Ryo NANKAKU Yoshihiko HASHIMOTO kei HIRANO Satoshi FUNAHASHI Kenji YAMAMOTO Daisuke	KUGLER Mauricio YOKOTA Tatsuya
<b>Mathematics and Mathematical Science</b>		
Professor	Associate Professor	Assistant Professor
ADACHI Toshiaki HIRASAWA Mikami MATSUZOE Hiroshi MINAMI Norihiko YAMAGISHI Masakazu YOSHIDA Eiko MIZUSAWA Yasushi	OHASHI Misa SAEKI Akihiro SUZUKI Masahiro NAKASHIMA Norihiro HAYASHI Tomohiro YOKOGOSHI Azusa CHIKAMI Noboru	

**Table 5: Advisors in Program of Architecture, Civil Engineering and Industrial Management Engineering** (subject to change)

<b>Architecture and Design</b>		
Professor	Associate Professor	Assistant Professor
ISHIKAWA Yuka ISHIMATSU Takeyoshi IDOTA Hideki KANEDA Toshiyuki KAMO Kiwako KAWABE Shinji KITAGAWA Keisuke	ITO Takanori ITO Yosuke UMEMURA Hisashi KUSUHARA Fumio KOMATSU Yoshinori SATO Atsushi SUDO Mine NATSUME Yoshinori HAMADA Shinichi	
<b>Civil and Environmental Engineering</b>		
Professor	Associate Professor	Assistant Professor
KITANO Toshikazu SEGUCHI Masahisa CHO Ho NONAKA Tetsuya HIDESHIMA Eizo FUJITA Motohiro FUJIMOTO Tsumoru MAEDA Kenichi MASUDA Michiko UEHARA Naoto	IWAMOTO Masami UEHARA Takumi SHO Kenjiro SUZUKI Koji NAGATA Kazutoshi YOSHIDA Naoko YOSHIDA Ryo	
<b>Systems Management and Engineering</b>		
Professor	Associate Professor	Assistant Professor
ARAKAWA Masahiro SUMI Katsunori TOKUMARU Norio NAKADE Koichi HAYASHI Atsuhiko YOKOYAMA Junichi WATANABE Kenji	KAWAMURA Hironobu KANDA Koji KOJIMA Mitsutoshi SUN Jing HAMAGUCHI Takashi	