

Academic Year Fall 2017

Application Form For

Doctor's Program

Innovative Asia (JICA)

Graduate School of Engineering and Science
Shibaura Institute of Technology

【Handling of Personal Information】

Information provided at the time of submitting an application for admission such as “name, address (contact information) and other personal information (hereinafter called “personal information”)” will be used for notifying an applicant of a result of admission or admission exam as well as the details of the admission procedure.

The above-mentioned personal information of successful candidates combined with a Student Card that needs to be submitted at the time of entry will be used for course guidance, emergency contact and when a student is in need of support for one’s campus life.

【Management and Storage of Personal Information】

For personal information provided by applicants, we shall manage and store it under the strict control according to the regulation of Personal Information Protection in Shibaura Institute of Technology. We shall take every possible measure to prevent the leakage of applicants’ personal information to any third parties.

Contact

Graduate School Section,

Shibaura Institute of Technology

3-7-5 Toyosu, Koto-Ku, Tokyo 135-8548 Japan

Tel +81-3-5859-7140

Email: daigakuin@ow.shibaura-it.ac.jp

* Please include "IA" in the Email title.

I. Introduction to Doctor's Program

1. Admission Policy

In the Doctor's Program, we aim to promote research and train researchers, and to foster specialist technicians and researchers who have a wealth of academic knowledge.

- Therefore we welcome the sort of students shown below.
- Those who share the principles and goals of the Graduate School of Engineering and Science.
- Those who have graduated from the Master's Program, or are at the forefront of society, and have high research capabilities.
- Those who can actively and creatively open up new fields.
- Those who can respect the ethics of engineering.

<Regional Environment Systems Course>

The Regional Environment Systems Course aims to enable researchers from different specialized fields to contribute to forming the foundation of a better society, culture and life in the regional environment through the exchange of information between them. This course seeks prospective students with the following characteristics:

Prospective students will:

- Have high ethical standards
- Have knowledge of a specialized field and are motivated to further deepen such knowledge
- Have an interest in a variety of social issues including the global environment and work enthusiastically on resolving those issues
- Accept various different opinions and work to solve issues in cooperation with researchers from other fields

<Functional Control Systems Course>

Globalization of science and technology in recent years has made it extremely important to aim for the "Construction of a Creative Nation based on New Science and Technology." To realize this, nurturing researchers and engineers who have acquired the global values and capabilities necessary to work internationally is required.

The Functional Control Systems Course aims to provide education and to conduct research in order to nurture outstanding researchers and engineers who have global values and the ability to fully grasp the truth of science. The course also aims to nurture researchers and engineers with basic skills for technology management and proficiency in English for engineers as well as shared values and ethics, whilst researchers from different research fields maintain relationships with each other to form the entire course.

This course accepts prospective students with the following characteristics in the areas related

to communication function control, functional device control, system control, and biosystems and biomolecule control:

Prospective students will:

- Acquire specialized knowledge and logical thinking incorporating other research fields, based on the educational goal of this course, and will aim for the continuous improvement of their applied skills.
- Be willing to discover various issues in the fields described above, and to challenge these various issues in order to resolve them.
- Have the intention to acquire a high ethical standard, proficiency in English for engineers and presentation skills, as well as being willing to understand diversity on values and cultures, and to contribute to society from an international perspective.
- Make efforts to conduct high-level research and technology development in cooperation with other engineers and researchers both from within Japan and abroad.
- Overseas students
- Be engineers and researchers who possess rich experiences from private companies and other relevant places and who aspire towards self-improvement.

2. Degree for the Doctor's Program

Students who completed doctor's Program will be awarded a Doctor of Philosophy degree.

II. Application Guideline

1. Major and Number of Students to be Accepted

Program	Major	Quota
Doctor's Program	Regional Environment Systems	A Few
	Functional Control Systems	A Few

*The number of students to be accepted is not for each exam unit but for the entire year of 2017.

2. Application Procedure

※If you already have acceptance from your supervisor, you can omit the following procedure (1) and (2).

(1) Please find your preferred supervisor.

Please find your preferred supervisor from List of Academic Staffs.

※Please refer to “III.List of Academic Staffs”.

※Those in the list are supervisors who accept international students in English course.

※If you would like to know more about supervisors, please refer to following web site.

<https://shibaura.pure.elsevier.com/>

The screenshot shows the 'research profile' page of the Shibaura Institute of Technology. At the top left is the SIT logo and name. The main heading is 'research profile'. Below this is a navigation bar with 'Welcome to Shibaura Institute of Technology'. A search bar is highlighted with a red circle and contains the text 'Explore profiles, expertise and research at Shibaura Institute of Tech'. Below the search bar are four icons representing 'Profiles' (293), 'Research Units' (44), 'Research Output' (17107), and 'Prizes' (1). A red callout box points to the search bar with the text 'Input name of supervisors'. At the bottom, there is a 'Welcome to SIT Research Profiles!' message and a paragraph of text about the university's commitment to research.

(2) Please get acceptance from your preferred supervisor.

The next step is to get acceptance from your preferred supervisor by appealing yourself to him/her.

If you have no means to contact him/her, please send e-mail to daigakuin@ow.shibaura-it.ac.jp

※The subject of the mail should be 【Application to Innovative Asia, Your Name】

※When you send the e-mail, please attach following documents.

1. Message to Supervisor
2. Curriculum Vitae *required
3. Research Plan *required
4. Certificate for (Prospected) Graduation
5. Transcript (Academic Record).

※In the message, please describe why you would like to study with him/her.

※Those documents need to be detail and attractive enough to obtain acceptance from supervisor.

※Please make sure your research plan fits the supervisor's specialized field.

※You cannot ask multiple supervisors at one time.

(3) Consult with your preferred supervisor.

Consult with your preferred supervisor regarding the entrance examination, research topics, delivery language, and study plan.

(4) Prepare your application documents.

Print out this PDF file “the Guidelines for Applicants” including all the forms and prepare your application documents.

※Regarding the application documents, please refer to “4.Detailed Application Procedures”.

(5) Submit the documents.

Submit the documents to SIT reception within the period specified, or send them via registered mail.

3. Eligibility to Apply

Applicants from the Innovative Asia Program, should clear the following conditions.

1. Nationality: Citizens of one of the 12 Asian countries (Bangladesh, Cambodia, India, Indonesia, Laos, Malaysia, Myanmar, Pakistan, the Philippines, Sri Lanka, Thailand, Vietnam)
2. Under 40 years of age (as of September 1st, 2017)
3. Bachelor's degree (as of September 1st, 2017)
4. Those who study or graduated from **the partner schools of “Innovative Asia”**
5. Adequate English skills both in written and oral communication to complete the master's course or doctor's course

Reference: https://www.jica.go.jp/english/countries/asia/innovative_asia.html

Applicants to SIT must also satisfy both of requirements 1 and 2, plus either of requirements A, B, C, D, or E.

	Requirement
1	Possess neither Japanese nationality nor permanent residence in Japan
2	Have sufficient proficiency to study and conduct research in English
A	Those who have received or expect to receive a master's degree or professional degree by the end of September 2017
B	Students who have finished or will finish 16 years of school education or equivalent outside Japan by the end of September 2017
C	Those who have received or expect to receive a degree by the end of September 2017 from a university abroad that is equivalent to a master's degree or professional degree
D	Those who have received or expect to receive a degree by the end of September 2017 from a university abroad that is equivalent to a master's degree or professional degree by taking courses of such university in Japan by correspondence
E	Those who have received or expect to receive a Master's degree through course completion at the United Nations

4. Details of Application Procedure

Students are advised to discuss research subjects, delivery language, study plan, etc. with their preferred supervisors before submitting the application form.

(1) Application Period

Application Period	Time	
April 19, 2017	17 : 00 (JST)	■ Overseas Applicants: Send all scanned documents of the following list to : daigakuin@ow.shibaura-it.ac.jp

◆NOTE for Overseas Applicants

Your submitted documents will be reviewed by SIT and then you will be asked to submit original documents via regular mail.
【Postal Address】Graduate School Section, Shibaura Institute of Technology, 3-7-5 Toyosu, Koto-ku, Tokyo 135-8578, Japan
【Deadline】May 2, 2017

Items	To be submitted by	Notes
1 Application Form with a Photo	All	<u>Use the designated form.</u> All the required information on the form should be provided. Attach a portrait photo with your name and date of birth written on the reverse. Photograph must be front view with no head covering, sized 4 cm x 3 cm and taken within three months of submission date. * This picture will be used for student ID card.
3 Transcript (in English or Japanese)	All	<u>Submit the ORIGINAL one, not copy one</u> This transcript must be the one issued in the name of the president of your highest level of schooling (includes prospect).
4 Certificate for Graduation (in English or Japanese)	All	<u>Submit the ORIGINAL one, not copy one</u>
5 Letter of Recommendation	All	Use either the designated form or form of university you graduated from. The recommendation shall be written in Japanese or English by the applicant's supervisor in the university, public office, corporation, organization, etc. to which the applicant belongs.
6 Examination Fee	All	Concerning the Examination Fee ¥ 35,000, for the applicants who have passed the examination, will get a whole amount reimbursement from JICA. ※We will contact to the successful candidates after the examination.
7 Master's thesis (Abstract)	All	Submit the abstract of your master's thesis. For those who expect to complete master's programs, submit a summary of your current research projects. Regarding a summary, you can use free format but it should be within 2 pages.
8 Research Plan	All	<u>Use free form</u> , but it should be within 1 page.
9 Research Achievement	All	<u>Use the designated form.</u>
10 Letter of Acceptance	All	Use the designated form. Applicants must send this form to their preferred supervisor and ask him or her to sign it. After that, please ask the supervisor to submit this form to the Graduate School Section directly by April 19th.
11 Identification	Others	Passport copy
12 Certificate for English Proficiency	All	Certificate of TOEFL®, TOEIC® or other equivalent English proficiency test issued within the past two years. If you have never taken those examinations, ask the person who write your Letter of Recommendation to write a letter that describe your English proficiency.

*There is no refund for the examination fee whatever reasons you have.

5. Selection for Admission

(1) Selection for Admission

Applicants will take an oral examination and an interview based on the submitted Research plan through the TV meeting system between the JICA's office and SIT.

(Total of 30min.:15min. of presentation and 15min. of oral assessment)

(2) Date and Venue of Examination / Notification of Results

Examination Date: One day during the period from **May 8 to May 19.**

*However, be noted that the date might be changed to a different one out of the above period.

Venue / Time: Will be held in the JICA's office in each country/ TBA

* The detailed schedule shall be arranged by JICA and SIT.

Result Notification: **Wednesday, June 7.**

* The result of examination will be notified to each student. Further information for successful student, such as admission procedures, will be announced accordingly.

6. Notification of Acceptance

The qualified applicants' list by ID numbers will be disclosed on the following methods:

•On University Website 16:00 (JST) June 7, 2017

<http://graduate-school.shibaura-it.ac.jp/admission/summary/>

•By Postal Mail Notification will be sent out to successful applicants at the same day.

For your information, we will not respond to any inquiry on this matter by a phone call.

7. Withdrawal from Admission

It is assumed that all qualified applicants who pass the examination will enroll. However, if a qualified applicant has to withdraw from admission due to unavoidable circumstances, he or she should submit a withdrawal form by August 31, 2017. In this case, payments except for the admission fee can be refunded. The withdrawal form can be obtained by contacting the Graduate School Section (see below for contact details).

8. Admission Procedures

Details about the admission procedure will be informed to the qualified applicants by postal mail.

9. Notes

- (1) If you make a mistake when preparing your application, please correct the error by it striking out with double lines and initialing on the top-left. Use of correction fluid is not allowed.
- (2) Once the application form has been accepted, no further changes are allowed. If you withdraw your application after acceptance, the application fee shall not be refunded and submitted forms shall not be returned.
- (3) When coming to your entrance examination, please allow time for unexpected delays such as traffic accidents and congestion.

III.List of Academic Staffs (Doctor's Program)

< Electric and Electronic Engineering >

Professors	Major	Reserch Title (Master's Program)	Remarks
AKATSU Kan	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
ANDO Yoshinobu	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
CHEN Xinkai	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
FUJITA Goro	Regional Environment Systems	Advanced Research Program on Environmental Energy Engineering	
HASEGAWA Tadahiro	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
MATSUMOTO Satoshi	Regional Environment Systems	Advanced Research Program on Environmental Energy Engineering	
NISHIKAWA Hiroyuki	Regional Environment Systems	Advanced Research Program on Environmental Energy Engineering	
TAKAMI Hiroshi	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
YOSHIMI Takashi	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
SAITO Atsushi	Functional Control Systems	Advanced Research on Telecommunication Function Control	
SHIMADA Akira	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
ISHIKAWA Hiroyasu	Functional Control Systems	Advanced Research Program on Functional Devices Technology	
KOIKE Yoshikazu	Functional Control Systems	Advanced Research Program on Functional Devices Technology	
MUGURUMA Hitoshi	Functional Control Systems	Advanced Reserch Program on Functional Devices Technology	
UENO Kazuyoshi	Functional Control Systems	Advanced Reserch Program on Functional Devices Technology	
YOKOI Hideki	Functional Control Systems	Advanced Reserch Program on Functional Devices Technology	
IRIKURA Takashi	Regional Environment Systems	Advanced Research Program on Environmental Energy Engineering	
ABIKO Satoko	Functional Control Systems	Advanced Research Program on Systems Control Engineering	

< Information Science and Engineering >

Professors	Major	Reserch Title (Master's Program)	Remarks
GYODA Koichi	Functional Control Systems	Advanced Research on Telecommunication Function Control	
KAMIOKA Eiji	Functional Control Systems	Advanced Research on Telecommunication Function Control	
HORIE Ryota	Functional Control Systems	Advanced Research on Telecommunication Function Control	
MORINO Hiroaki	Functional Control Systems	Advanced Research on Telecommunication Function Control	
KUBOTA Shuji	Functional Control Systems	Advanced Research on Telecommunication Function Control	
AIBA Akira	Functional Control Systems	Advanced Research on Telecommunication Function Control	
KAMEKO Masaki	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
KIMURA Masaomi	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
MANO Kazunori	Functional Control Systems	Advanced Research on Telecommunication Function Control	
MIYOSHI Takumi	Functional Control Systems	Advanced Research on Telecommunication Function Control	
FUKUDA Hiroaki	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
USAMI Kimiyoshi	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
YAMAZAKI Atsuko	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
ZHAI Guisheng	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
NICODIMUS Retdian	Functional Control Systems	Advanced Research on Telecommunication Function Control	

< Applied Chemistry >

Professors	Major	Reserch Title (Master's Program)	Remarks
HAMASAKI Keita	Functional Control Systems	Advanced Research Program on Bio-function Control	
IMABAYASHI Shinichiro	Regional Environment Systems	Advanced Research Program on Eco-materials Engineering	
KITAGAWA Osamu	Regional Environment Systems	Advanced Research Program on Eco-materials Engineering	
MASADOME Takashi	Regional Environment Systems	Advanced Research Program on Eco-materials Engineering	
NAKAMURA Asao	Regional Environment Systems	Advanced Research Program on Eco-materials Engineering	
NOMURA Mikihiro	Regional Environment Systems	Advanced Research Program on Eco-materials Engineering	
YAMASHITA Mitsuo	Regional Environment Systems	Advanced Research Program on Eco-materials Engineering	

< Bio-Science and Engineering >

Professors	Major	Reserch Title (Master's Program)	Remarks
HANAFUSA Akihiko	Functional Control Systems	Advanced Research Program on Bio-function Control	
KOMEDA Takashi	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
WATANABE Nobuo	Functional Control Systems	Advanced Research Program on Bio-function Control	
YAMAMOTO Shinichiro	Functional Control Systems	Advanced Research Program on Bio-function Control	
YOSHIMI Yasuo	Functional Control Systems	Advanced Research Program on Bio-function Control	
SUHARA Yoshitomo	Functional Control Systems	Advanced Research Program on Bio-function Control	
FUKUI Koji	Functional Control Systems	Advanced Research Program on Bio-function Control	

< Mechanical Engineering >

Professors	Major	Reserch Title (Master's Program)	Remarks
HASEGAWA Hiroshi	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
ITO Kazuhisa	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
ITO Toshio	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
MATSUHIRA Nobuto	Functional Control Systems	Advanced Research Program on Systems Control Engineering	
ONO Naoki	Regional Environment Systems	Advanced Research Program on Environmental Energy Engineering	
TAKASAKI Akito	Regional Environment Systems	Advanced Research Program on Eco-materials Engineering	
TANGE Manabu	Regional Environment Systems	Advanced Research Program on Environmental Energy Engineering	
YAMADA Jun	Regional Environment Systems	Advanced Research Program on Environmental Energy Engineering	
YAMAMOTO Sota	Functional Control Systems	Advanced Research Program on Bio-function Control	
TANAKA Kotaro	Regional Environment Systems	Advanced Research Program on Environmental Energy Engineering	
HIROSE Toshiya	Functional Control Systems	-	

< Materials Science and Engineering >

Professors	Major	Research Title (Master's Program)	Remarks
KYUNO Kentaro	Functional Control Systems	Advanced Research Program on Functional Devices Technology	
MATSUMURA Kazunari	Regional Environment Systems	Advanced Research Program on Eco-materials Engineering	
NODA Kazuhiko	Regional Environment Systems	Advanced Research Program on Eco-materials Engineering	
SHIMOJO Masayuki	Functional Control Systems	Advanced Research Program on Functional Devices Technology	
MURALIDHAR Miryala	Regional Environment Systems	Advanced Research Program on Eco-materials Engineering	
YAMAMOTO Ayako	Regional Environment Systems	Advanced Research Program on Eco-materials Engineering	

< Architecture >

Professors	Major	Research Title (Master's Program)	Remarks
AKAHORI Shinobu	Regional Environment Systems	Advanced Research Program on Regional Environmental Design	
AKIMOTO Takashi	Regional Environment Systems	Advanced Research Program on Regional Environmental Design	
ITO Yoko	Regional Environment Systems	Advanced Research Program on Regional Environmental Design	
MAEDA Hidetoshi	Regional Environment Systems	Advanced Research Program on Regional Environmental Design	
MINAMI Kazunobu	Regional Environment Systems	Advanced Research Program on Regional Environmental Design	
MIURA Masao	Regional Environment Systems	Advanced Research Program on Regional Environmental Design	
MURAKAMI Kimiya	Regional Environment Systems	Advanced Research Program on Regional Environmental Design	
NAKAMURA Hitoshi	Regional Environment Systems	Advanced Research Program on Regional Environmental Design	
SHINOZAKI Michihiko	Regional Environment Systems	Advanced Research Program on Regional Environmental Design	
NISHIZAWA Taira	Regional Environment Systems	Advanced Research Program on Regional Environmental Design	
SHIMIZU Ikuro	Regional Environment Systems	Advanced Research Program on Regional Environmental Design	

< Civil Engineering >

Professors	Major	Research Title (Master's Program)	Remarks
IYODA Takeshi	Regional Environment Systems	Advanced Research Program on Urban Engineering for Disaster Mitigation	

Designated Submission Form

Application Form for Doctor's Program

Selection for "Innovative Asia" for Academic Year Fall 2017

Graduate School of Engineering and Science, Shibaura Institute of Technology

志望専攻 Course				受験番号 Examinee No.	写真/Photo 正面上半身脱帽 head and shoulder without hat frontal pose 3ヶ月以内撮影 taken within 3 months
ふりがな Japanese Hiragana				*official use	
氏名 Name				性別 Sex	
生年月日 Date of Birth	年 /yyyy	月 /mm	日 /dd	歳 /Age	
国籍 Nationality	国籍が日本以外の場合 在留資格 Status of Residence in Japan			在留資格の有効期限 Date of Expiration of Status yyyy/mm/dd	
研究指導名 Research Title	*official use				
指導教員 Supervisor					
現住所 Present Address	〒 _____ 電話番号/Tel _____ - _____ _____ 携帯番号/Mobile _____ - _____				
	Email _____				
血縁者 学費等減免 Kinship Reduction	血縁者2親等以内に本学卒業生がいますか？ /Do you have any relatives graduated SIT within Second-degree relative?				続柄/Relationship _____

履歴/Personal History							
学歴 Education	High School				年 yyyy	月 mm	卒業 Graduated
	University				年 yyyy	月 mm	入学 Enrolled
	Department		Faculty		年 yyyy	月 mm	卒業 Graduated
	Graduate school				年 yyyy	月 mm	入学 Enrolled
	Major		Faculty		年 yyyy	月 mm	修了 Completed
	Graduate school				年 yyyy	月 mm	入学 Enrolled
	Major		Faculty		年 yyyy	月 mm	修了 Completed

職歴 Employment Record	FROM	年/yyyy	月/mm	
	TO	年/yyyy	月/mm	
	FROM	年/yyyy	月/mm	
	TO	年/yyyy	月/mm	
	FROM	年/yyyy	月/mm	
	TO	年/yyyy	月/mm	

賞罰 Reward and Punishment	年 /yyyy	月 /mm	
	年 /yyyy	月 /mm	

上記のとおり相違ありません /I hereby certify that all information provided on this form is true and correct to the best of my knowledge.			
年 /yyyy	月 /mm	日 /dd	署名/Signature _____

Letter of Recommendation

Name of Applicant : _____

Name of Recommender _____

Affiliating /Title / Post of Recommender _____

Date : _____ Signature _____

Please print out this form and sign here.↑↑↑

Please describe the applicant's research, ability, personality etc.

Please fill in within one page.

Letter of Acceptance

I have interviewed the international student mentioned below about his/her research and study plan and agree that I will accept to be his/her supervisor if he/she passes the examination for Graduate School of Engineering and Science. I have also confirmed that there are enough subjects conducted in English for him/her to complete the Doctor's Program.

Date of Admission: October 1, 2017

Foreign Student: Name:

Supervisor : Signature:

研究業績調書 Research Achievements

志望専攻 Major		氏名 Name	
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主要な研究業績(査読論分・専門著書/翻訳(単行本)、作品など

/Major Research Achievement are Peer-reviewed Journal, Professional Book/Translation and Work

※区分は「論文」「著書/翻訳」「口頭発表」「作品・制作」「国際会議」「解説」のいずれかをご記入ください。

Please select category from "Journal Paper", "Book/Translation", "Oral Presentation", "Work", "International Conference", or "Explanation".

発表年月 Date (yyyy/mm/dd)	区分 Category	題目 Title	発表媒体 Media (学会/学術誌名) (Host agency/Name of Publication) 巻・号・頁 (Vol. No, Page)	発表者名 (発表順) Co-author (In the order described)

他、論文: __件、著書/翻訳: __件、国際会議: __件、作品・制作: __件、口頭発表: __件、その他: () __件

Achievement, Journal Paper: __item, Book/Translation: __item, International Conference: __item, Work: __item

Oral Presentation: __item, Others: () __item

特許・発明/Patent・Invention

出願または公開年月日 Date of Application or Publication (yyyy/mm/dd)	特許・発明の名称 Name of Patent or Invention	発明者 Inventor	出願人 Applicant

他 __件

※守秘義務がある場合は、発明者: 本人、他とし、出願人の記入は不要。

Other __item

※If there is a confidentiality obligation, please write your name in Inventor, and there is no need to fill Applicants.

NOTE:

- ・1ページ以内で記入ください。1ページで収まらない場合は、別紙(様式自由)に記載し、追加でご提出ください。
- ・Please fill in within ONE page. If there is not enough space for your achievements, please submit additional list (free format).