

## **Application Guideline**

### **TAIST-Tokyo Tech Student Exchange Program in Thailand 2024: Artificial Intelligence and Internet of Things (AIoT) Program**

#### **Precautions**

- Considering the spread of COVID-19, we may decide after consulting with the host organization to cancel dispatch at the last minute. In addition, even after students have traveled to Thailand, we may instruct them to return to Japan depending on the situation.  
In such cases, you will be responsible for any cancellation fees for airline tickets, etc.
- Please check the Ministry of Foreign Affairs and the Embassy of Japan in Thailand websites for the latest information on travel restrictions.
- Each student is advised to take their own measures against infectious diseases such as COVID-19.
- Please be sure to consult with and obtain the consent of your family, guarantor, and academic advisor before participating in this program.
- All participants are required to apply for a visa since the duration of activities in Thailand will be 31 days or longer.

#### **Overview**

Tokyo Institute of Technology (Tokyo Tech) – by request of the government of the Royal Kingdom of Thailand, and in collaboration with the National Science and Technology Development Agency (NSTDA) and leading Thai universities – established the Thailand Advanced Institute of Science and Technology (TAIST)-Tokyo Tech graduate program. TAIST-Tokyo Tech aims to contribute to the development of human resources and build a hub for research development in the fields of science and engineering in Asia.

TAIST-Tokyo Tech's program in Artificial Intelligence and Internet of Things (AIoT) has been offered in cooperation with NSTDA, Thammasat University's Sirindhorn International Institute of Technology, and Kasetsart University since 2008.

Taking advantage of this excellent research environment, an exchange program in AIoT will be conducted again this year. Exchange program participants from Tokyo Tech will participate in classes for embedded systems in the first, second, and third weeks of the program, and in the third and fourth weeks, they will join group work projects designed for Thai students in the first year of their master's program. Participants who meet certain requirements will be able to earn credits (ref. Note 1). Students who are interested are encouraged to apply for the program.

#### **Program Details**

Week 1 to 3: Designing software for embedded systems (intensive lectures, practical work & experiments)

TAIST lecture: *Software for Embedded Systems*

Group work: realization and implementation for embedded systems

Week 3 to 4: Group work: demonstration in implied systems, presentation

#### **Location**

Suburbs of Bangkok, Thailand (NSTDA in Thailand Science Park)

## **Program period**

Approximately 1 month\* between late February and late March 2025

\*More than 31 days, not including the time required for travel

## **Expenses**

In principle, individual participants will be responsible for all expenses, including visa acquisition costs, airfares, living expenses, and overseas travel insurance fees.

- After conclusion of the program, some participants may be eligible to recoup some expenses through a scholarship. (Refer to the terms described below.)
- Dormitory-type accommodations at Sirindhorn Science Home in Thailand Science Park will be provided by NSTDA at no charge to participating students.
- Participants must enroll in overseas travel insurance and a risk management service as specified by Tokyo Tech.

## **Scholarships**

Participants in this program may be eligible for the Japan Student Services Organization (JASSO) Scholarship (for Japanese students).

The possibility of this program being selected for the Tokyo Tech Fund Scholarship (for international students) is currently under consideration.

Students who meet certain criteria (described in Notes 2 and 3) may receive a scholarship of 70,000 yen per month for travel expenses. Details and necessary documents will be provided after participant selection.

## **Program Eligibility**

- 1) Tokyo Tech students in year B3, B4, M1, M2, or D1-D3
- 2) Able to communicate in English to participate in discussions. (TOEIC and other proficiency test scores can be a crucial factor in participant selection if there are many applicants.)
- 3) Have studied the basics of computer system hardware and software

## **How to Apply**

Please submit the attached application form to the TAIST Administration Office.

In addition, please also submit an email or other document to confirm that you have obtained the prior consent of your academic advisor.

Please upload your application to

<https://tokyotech.app.box.com/f/15824c0a90f84c039120053114515f22>

and inform the TAIST Administration Office by email.

(You can also bring the original documents or use the campus mail service.)

## **Number of Participants**

Approximately five students may participate in this program.

## **Selection Process**

Document screening and interview

## **Deadline**

Friday, October 18, 2024

## **Interview Date**

To be announced

### Note 1. Credits

In principle, participants who meet the criteria are able to earn two credits as indicated below.

B3, B4: Overseas Training for Global Scientists and Engineers (2 credits)

M1, M2, D1-3: International Research Program (2 credits)

B4 and M2 students scheduled to graduate in March 2025 will not be eligible for credits through this program. Instead, those students will receive a certificate issued by TAIST-Tokyo Tech.

### Note 2. Eligibility for the JASSO Scholarship (70,000 yen per month)

1. The applicant must have Japanese citizenship or permanent residence.
2. The applicant must have a minimum GPA of 2.30 from the previous year on the JASSO valuation scale below. Calculate as indicated, rounding off to two decimal places. Courses having no grade evaluation must be excluded from the calculation. If none of the courses taken in the previous year had a grade evaluation, the applicant must submit a copy of his/her academic transcript.

Grade Evaluation	100-80	79-70	69-69	Under 59
Grade Evaluation Point	3	2	1	0

#### [Calculation Formula]

$$\frac{((\text{number of credits of Grade Evaluation Point 3}) \times 3) + ((\text{number of credits of Grade Evaluation Point 2}) \times 2) + ((\text{number of credits of Grade Evaluation Point 1}) \times 1) + ((\text{number of credits of Grade Evaluation Point 0}) \times 0)}{\text{Total number of registered credits}}$$

3. The applicant must have difficulty in participating in the program due to financial reasons. The applicant must submit a declaration to show that his/her income meets the family budget criteria as stipulated by JASSO.
4. If the applicant participates in the program while receiving a scholarship from another organization, the amount received under that scholarship must not exceed the amount received under the JASSO scholarship.
5. The applicant must be eligible to register for and receive Tokyo Tech course credits for participation in the program.

### Note 3. Eligibility for Tokyo Tech Fund Scholarship (70,000 yen per month)

The applicant must be a student who meets criteria 2, 3, 4, and 5 indicated above. However, applicants receiving MEXT scholarships are not eligible.

### For application

TAIST Administration Office  
Hours: Weekdays 8:30-17:15  
(Closed from 12:15 to 13:15)  
Bldg. J2, Floor 20, Rm 2001  
Mailbox: J2-8 Suzukakedai  
Tel: 045-924-5693 (Tsumita)  
Email: [taist@jim.titech.ac.jp](mailto:taist@jim.titech.ac.jp)

### Inquiries

To apply, contact the office on the left as well as

Prof. Tsuyoshi Isshiki  
Dept. of Information and Communications  
Engineering  
Program Leader of TAIST AIoT Program  
Ookayama South Bldg.3, Floor 5, Rm 521  
Tel: 03-5734-2842  
Email: [issiki@ict.e.titech.ac.jp](mailto:issiki@ict.e.titech.ac.jp)

\*Contact by email preferred