Call for Participants

KIT Bio Tech & IT
Spring School 2024

1. Purpose

This program provides an opportunity for student exchange among Cambodia, Vietnam and Japan. Investigating studies related to bio-technology and information technology, students also improve their English communication skills, better understand intercultural differences and become motivated to study abroad.

2. Organizers

Prof. Kaeko Kamei, Faculty of Molecular Chemistry and Engineering, and
Assoc. Prof. Masayuki Fukuzawa, Faculty of Information and Human Sciences,
Kyoto Institute of Technology (KIT)

3. Term Dates

January 8th to January 14th, 2024

4. Eligibility

Students who meet all the requirements below are eligible.
-enrolled full time in an **undergraduate program (2nd, 3rd or 4th year)** of one of the program-partner universities shown below.
-have the English skills needed to complete the program. All programs are conducted in English.
-have fundamental skills in bio-technology or an IT field. Please note that participants must choose one field. You cannot participate in both fields.
-participate in all sessions for the entire period of the program.

Program-Partner University	Bio-technology	Information technology
Royal University of Phnom Penh	1	1
Hanoi Medical University	2	-
University of Science, Vietnam National University Ho Chi Minh City	1	1
Can Tho University	1	1
Hanoi University of Science and Technology	-	2

5. Content

To train engineers who will promote longevity in the residents of their native Cambodia and Vietnam, this program will motivate participants to study further in Japan, where they will have access to instruction in advanced science and technology. This spring school provides lectures and practicums in biotechnology and information engineering which will enable participants to contribute to dietary improvements among people in their countries. Additionally, participants will visit one of Japan's most advanced companies in these fields, experience Japanese traditional culture and interact with Japanese students.

Bio-technology participants:
Participants will learn some bio-technologies for "Utilization of natural bioactive compounds" using two online subjects "*Drosophila* as a disease model and screening for drug seeds from natural compounds" and "Control of infectious diseases by natural compounds".

IT participants:
Participants will be provided a deep insight into Industrial IoT (IIoT) through the workshop with interactive lectures, case study and group discussion. Practical topics are included such as "Hottest vs Long-standing IIoT" and "Pros and cons of digital twin".

6. Costs

KIT covers the following costs with supports of **JST Sakura Science Program:**
- Round International flights (Air tickets will be provided by KIT)
- Airport transportation fees to and from KIT
- Accommodation fees
- Daily allowance in accordance with KIT accounting regulations
- Travel insurance fees
- Program fees

Participant's own expenses:　personal purchases, meals in excess of the cost provided

*Costs are granted in JPY to students on Jan. 9th (the second day of program) at KIT.

7. Eligibility

To receive the JST financial assistance, applicants must meet all of the following criteria:
1) Applicants must be high-achieving students in their home institutions, preferably with a GPA of 2.3 points or more in the previous year to receive the above fund. (See the GPA calculation chart below.)
2) Applicants must have enough English communication skills to complete the program.
3) Applicants must participate in the whole program.
4) Applicants must have financial difficulty in participating in this program without this financial assistance.

8. Required Documents and Procedures

Dates	Procedures
By Nov. 15	**Each participating University** submits list of nominees with students' information.
By Nov. 17	KIT issues an ID and password of online application system for each participant, and emails information about the required procedures.
By Nov. 24	Each students submit the following documents through online system. 　- Application for Admission, Form A 　- Application Form B-1 　- Certificate of Enrollment at current institution/university 　- Academic transcript 　- copy of passport
By early Dec.	Each students apply for Visa with documents provided by KIT.
Middle of Dec.	KIT sends the time table to each students.

9. Flight and Accommodation

Flights will be arranged by KIT and all students are required to stay in the guesthouse arranged by the KIT.

Please do **NOT** arrange flights and accommodation by yourselves.

Guesthouse information will be provided once it is finalized.

10. Post-program Questionnaires

Every student must answer a Post-program Questionnaire at the end of the program.

[Contact] International Affairs Office
Kyoto Institute of Technology
E-mail: kokusai@jim.kit.ac.jp

When contacting us by email, write **"KIT Bio Tech & IT Spring School"** as the subject/title.

GPA calculation chart

Use the chart below to calculate your "JASSO GPA*".

4-Level Evaluation		Excellent	Good	Pass	Fail
4-Level Evaluation		A	B	C	F
4-Level Evaluation		100～80 pts.	79～70 pts.	69～60 pts.	59 pts.～
5-Level Evaluation	100～90 pts.	89～80 pts.	79～70 pts.	69～60 pts.	59 pts.～
5-Level Evaluation	S	A	B	C	F
5-Level Evaluation	A	B	C	D	F
JASSO Grade Points	**3**	**3**	**2**	**1**	**0**

<Formula for calculation>

((Number of credits at grade point 3x3) + (Number of credits at grade point 2x2) + (Number of credits at grade point 1x1) + (Number of credits at grade point 0x0)) ÷ Total Number of Credits (Round to the second decimal place.)

* If a credit system is not used at the institution concerned, convert each class to one credit.