



Call for Participants

KIT Bio Tech & IT

Online Spring School 2022



1. Purpose

This program provides an opportunity for student exchange among Cambodia, Myanmar, 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. Dates

From March 1st to March 3rd, 2022

See the tentative timetable for the details.

4. Platform

All program contents will be carried out through **Zoom** where the participants will be requested to show themselves up and talk to each other. Therefore, participants or program-partner universities must prepare an environment and devices needed to join the online program, such as internet access, a PC or tablet with web camera and a microphone, a quiet environment and anything else needed for Zoom communication.

5. 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	Maximum: 5 students	Maximum: 5 students
Mandalay Technological University	Maximum: 5 students	Maximum: 5 students
University of Science, Vietnam National University Ho Chi Minh City	Maximum: 5 students	Maximum: 5 students

Can Tho University	Maximum: 5 students	Maximum: 5 students
Hanoi University of Science and Technology	Maximum: 5 students	Maximum: 5 students
Hanoi Medical University	Maximum: 5 students	Maximum: 5 students
Kyoto Institute of Technology	-	-

6. Content

All participants:

-Lectures (Listen to and watch an introduction to this program by professors from KIT and Partner Universities), Q&A sessions

-Make a short video introducing your country, town or campus life with other participants from your university.

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".

7. Costs

No program fees are required.

8. Required Documents and Procedures

Dates	Procedures
By February 10	Each participating University submits list of nominees and information.
By the middle of February	KIT emails information to each participant about the required procedures and pre-assignments.
By February 25	KIT emails a Zoom connection link to all participants.

9. Post-program Questionnaires

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

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