



**SIRINDHORN INTERNATIONAL INSTITUTE OF TECHNOLOGY
THAMMASAT UNIVERSITY**

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August 24th, 2023

Dear Professor,

From August 28th to September 1st, 2023, the School of ICT will have a joint workshop called the International Problem Based Learning (iPBL) with the Osaka Institute of Technology (OIT), Japan. In this collaborative workshop, there will be 10 OIT students working together with 15 SIIT students to solve a certain problem related to image processing and recognition. The workshop will be supervised by two OIT faculty members at the room 4-210 (DENSO), 2nd Floor, Advanced Laboratory Building 2, SIIT Rangsit Campus. As a result, the students in the table below might be absent from your classes during this time period.

No.	Student ID		First Name and Last Name	Program
1	6322772094	Mr.	Theerachote Tanprawat	DE
2	6322775742	Mr.	Narabodee Namburee	CPE
3	6322772359	Mr.	Napon Jirapakatawee	CPE
4	6422771277	Mr.	Satanop Kaewrut	EE
5	6322772425	Mr.	Pongsapon Ateetanan	CPE
6	6322773100	Mr.	Nuntapong Jedsdaariyajit	DE
7	6422780120	Mr.	Patt Pootrakul	CPE
8	6322773175	Mr.	Thritsadi Chukiatsiri	DE
9	6522780632	Mr.	Norraset Settasombutkul	CPE
10	6522780376	Mr.	Pawaris Panyasombat	CPE
11	6422770238	Miss	Puntika Leepagorn	CPE
12	6422790038	Mr.	Natsongwat Yorsangrat	CPE
13	6422782423	Mr.	Teetawat Bussabarati	DE
14	6322771849	Miss	Piyapach Singto	EE
15	6322772789	Mr.	Chayakorn Buntham	EE

Please kindly accept our apology and consider not deducting their attendance scores according to their absences. If there is a quiz or an assignment in the class, please kindly consider giving them a make-up quiz or assignment. We also attach the iPBL schedule for your consideration.

Finally, we deeply appreciate your understanding. This activity is aiming to promote and continue the international cooperation between the SIIT and other international institutes.

Sincerely yours,

Assoc. Prof. Dr. Waree Kongprawechnon

Assoc. Prof. Dr. Toshiaki Kondo

Dr. Seksan Laitrakun

Dr. Somrudee Deepaisarn

School of Information, Computer, and Communication Technology,

Sirindhorn International Institute of Technology, Thammasat University



Call for Participants:

International Problem-Based Learning (iPBL)

A Joint Workshop on Image Recognition and Application Development with Python

At SIIT, Rangsit Campus

Program Dates:

August 28th – September 1st, 2023

Program Venue:

SIIT, Thammasat University, Thailand

Participant Qualifications:

- 10 undergraduate SIIT students enrolled in **EE, CPE, DE** programs
- Be able to write Python programs
- Excited to work with Japanese students
- Interested in image-processing applications
- Having a laptop computer with a Windows OS and a Camera

Costs for Participants:

Free

Application Deadline:

August 18th, 2023

How to Apply:

1. Submit the online application form via this link:
<https://forms.gle/iK6gaCLyUBifCGWRA>
or the QR code



2. Results will be announced by emails sent to selected students by August 23rd, 2023.

Remark:

- Each participant will receive a certificate from the OIT.
- An excuse letter for missing the classes according to join the iPBL workshop will be provided.

Sirindhorn International Institute of Technology (SIIT) and Osaka Institute of Technology (OIT) cordially invites up to 10 undergraduate SIIT students to participate in the 2023 International Project-Based Learning (iPBL). The program will be held 5 days at the SIIT, Rangsit Campus, Thailand.

This program will offer a valuable opportunity for SIIT students to work closely **with Japanese students from OIT** on research and development projects, **under the close supervision of highly qualified OIT faculty members**. The program is designed for undergraduate students who are interested in the theme of **"Image Recognition and Application Development with Python"**.

In this workshop, the students will learn about **various image-recognition techniques**: face detection, face landmark detection, pose recognition, and hand recognition. Based on these techniques, the students will develop applications to solve for various social issues. The workshop's materials are available at the following Github:

<https://github.com/ipbl-oit-siit/portal>

Planned Schedule

Date	9.00 – 11.30	12.30 – 16.00
August 28 th , 2023	<ul style="list-style-type: none"> • Opening Ceremony • Workshop Preparation • Software Setup 	<ul style="list-style-type: none"> • Workshop Preparation • Software Setup
August 29 th , 2023	iPBL Workshop	iPBL Workshop
August 30 th , 2023	Excursion (for the OIT Students and Faculty Members)	
August 31 st , 2023	iPBL Workshop	iPBL Workshop
September 1 st , 2023	Presentation Preparation	Final Presentation and Closing Ceremony



SIIT Program Coordinators: If you have any questions, please contact
Assoc. Prof. Dr. Watee Kongprawechnon (Email: watee@siit.tu.ac.th)
Dr. Seksan Laitrakun (Email: seksan@siit.tu.ac.th)

Assoc. Prof. Dr. Toshiaki Kondo (Email: tkondo@siit.tu.ac.th)
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TECHNOLOGY

International Problem Based Learning (iPBL – SIIT and OIT)
A Joint Workshop on Image Recognition and
Application Development with Python
(28th Aug. – 1st Sep.)

**Location: Room 4-210 (DENSO), 2nd Floor, Advanced Laboratory Building 2,
SIIT Rangsit Campus**



Please see the schedule in the next page.



Schedule

Date	Time	Activity
28 th August (Monday)	9.00 – 11.30	<ul style="list-style-type: none">• Opening ceremony and welcome OIT• Workshop Preparation• Software Setup
	11.30 – 12.30	Lunch boxes provided by the Inter office
	12.30 – 16.00	<ul style="list-style-type: none">• Workshop Preparation• Software Setup
29 th August (Tuesday)	9.00 – 11.30	iPBL Workshop
	12.30 – 16.00	iPBL Workshop
30 th August (Wednesday)	No iPBL Workshop (Trip day for OIT)	
31 st August (Thursday)	9.00 – 11.30	iPBL Workshop
	12.30 – 16.00	iPBL Workshop
1 st September (Friday)	9.00 – 11.30	Presentation Preparation
	12.30 – 16.00	<ul style="list-style-type: none">• Final Presentation• Closing Ceremony at 15.30
	17.00	Farewell dinner: All OIT and SIIT (students and faculty members) together
