

Global project based learning for Department of Engineering Science and Mechanics

Implementation period	Implementing country	SIT's implementation partner organization	Target students	participant	SIT instructor
2019/10/28 ~2019/11/05	Japan	King Mongkut's University of Technology Thonburi	<ul style="list-style-type: none"> Department of Engineering Science and Mechanics Undergraduate 3rd grade、 Undergraduate 1st grade、 Undergraduate 2nd grade、 Undergraduate 4th grade 	(SIT) Students 10, TA 2, Professor 2 (King Mongkut's University of Technology Thonburi) Students 8, Professor 1	saito hiroyasu(Department of Engineering Science and Mechanics), nagasawa sumito(Department of Engineering Science and Mechanics)



Image1 Group working

This program was held in Toyosu campus, SIT, from Oct. 28(Mon) to Nov. 5(Tue), 8 working days, accepting students from KMUTT, Thailand. 10 SIT students and 8 KMUTT students joined in this program.

In the general gPBL in KMUTT, Thailand at the end of July, the student groups learned the basics of the embedded computer equipped with a WiFi interface and developed their original system using simple sensors. Since the many participant students were same students who joined in the previous gPBL, they challenged the advanced themes. For the practical themes given as research themes, students devised sensors and system configuration by themselves with their group working. Then they purchased necessary parts in Akihabara, built their system and evaluated it.



Image2 Mid-term presentation



Image3 Final presentation1



Image4 Final presentation2