

gPBL-Analysis of IoT devices

Date	Place	Partner Organization	Students' Major and Grade	Participants' Information	SIT Instructor
2026/02/16 ~2026/02/25	Thailand	King Mongkut's University of Technology Thonburi	<ul style="list-style-type: none"> •Department of Electronic Engineering, Advanced Electronic Engineering •Undergraduate 2nd grade, Undergraduate 3rd grade, Undergraduate 4th grade 	(SIT) Students 11, Student Staff 1, Professor 1 (King Mongkut's University of Technology Thonburi) Students 13, Student Staff 11, Professor 5	YOKOI Hideki(Electrical and Electronic Engineering Advanced Electronic Engineering)

The purpose of this gPBL is to investigate the implementation of electronic devices such as IoT and related technologies in our society. The gPBL was held by KMUTT and SIT. This year, four groups were made, which was constructed with two or three KMUTT students and two or three SIT students. Moreover, a few KMUTT students participated as TA in each group. Each group selected one electronic appliance and broke it down into parts. During dismantling and analysis, KMUTT and SIT students discussed what kind of devices (electronic devices, photonic devices, etc.) and the related technologies were implemented, and what kind of technologies would be required in the future. At the end of the gPBL, each group gave a presentation.