

Research-oriented gPBL between KMUTT

Date	Place	Partner Organization	Students' Major and Grade	Participants' Information	SIT Instructor
2026/07/30 ~2026/08/07	Japan	King Mongkut's University of Technology Thonburi	- Department of Electronic Engineering, Advanced Electronic Engineering - Undergraduate 3rd grade, Undergraduate 4th grade, Undergraduate 2nd grade, Undergraduate 1st grade	(SIT) Students 8, Student Staff 6, Professor 1 (King Mongkut's University of Technology Thonburi) Students 10, Professor 2	YOKOI Hideki(Electrical and Electronic Engineering Advanced Electronic Engineering)



Image1 Workshop

The purpose of this gPBL is to conduct research in the nanoelectronics, photonics field at SIT. The gPBL was held by King Mongkut's University of Technology Thonburi (KMUTT) and SIT. This year, four groups were made, which was constructed with two or three KMUTT students and two SIT students. In each group, KMUTT and SIT students worked together to get acquainted with current research and to learn various values through joint work with students from other countries. All groups conducted basic experiments and advanced experiments related with research activities in Integrated Photonic Device Laboratory. They also practiced basic research routines, discussed future research topics, and delivered a presentation.



Image2 Experiment (refraction)



Image3 Experiment
(propagation of lightwave)



Image4 Yukata event