

Virtual Reality PBL with TNI in Thailand

Date	Place	Partner Organization	Students' Major and Grade	Participants' Information	SIT Instructor
2026/02/23 ~2026/03/03	Thailand	Thai-Nichi Institute of Technology	•Department of Computer Science and Engineering, Department of Design Engineering, Department of Mechanical Engineering, Fundamental Mechanical Engineering, Functional Control Systems •Undergraduate 3rd grade, Undergraduate 2nd grade, Undergraduate 4th grade	(SIT) Students 12, Student Staff 3, Professor 2 (Thai-Nichi Institute of Technology) Students 11, Student Staff 3, Professor 3	NODA Natsuko(Department of Design Engineering), IJIRI Takashi(Computer and Communications Engineering Computer Science and Engineering)



Image1 group photo

We conducted a global Project-Based Learning (gPBL) concerning Virtual Reality Application in collaboration with the Thai-Nichi Institute of Technology (TNI). Twelve students and three TAs participated from Shibaura Institute of Technology (SIT), and eleven students and three TAs from TNI.

As part of the pre-departure learning, SIT students worked on the Unity and Quest 2 application tutorial. Additionally, to enhance their understanding of the local culture of Thailand, they attended a lecture on Thai culture by Professor Sripan (IGP).

During the on-site learning, students from SIT and TNI worked in pairs to engage in group work activities. The group work included tutorials on application development using Quest 2, discussions on the application themes, intermediate presentations, application development, and a final presentation and demo session to showcase their development. In addition, the students participated in field trips to visit a rice factory and temples in Ayuthaya.



Image2 group work



Image3 presentation



Image4 free day