

KMUTT-SIT grobal PBL2019

| Implementation period | Implementing country | SIT's implementation partner organization | Target students | participant | SIT instructor |
|---------------------------|----------------------|--|--|--|--|
| 2019/07/29 ~2019/08/08 | Thailand | 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 5 (King Mongkut's University of Technology Thonburi) Students 7, Professor 1 | nagasawa sumito(Department of Engineering Science and Mechanics), saito hiroyasu(Department of Engineering Science and Mechanics), hosoya naoki(Department of Engineering Science and Mechanics), hashimura shinji(Department of Engineering Science and Mechanics), maeda shingo(Department of Engineering Science and Mechanics) |



Image1 presentation

The students joining this program discussed and developed the concepts for their original measurement systems with an embedded micro-computer. This program was held in the KMUTT, Thailand. 10 SIT students and 7 KMUTT students joined in this program. Since a useful framework for the embedded computer system was provided for scratching their concept system, the students could easily build their own systems just by replacing the sensors in the provided framework into their target sensors. Each student group discussed their own concept of the original measurement system using the embedded computer and performed to develop thier system. The results of group work were evaluated by the degree of achievement of their concept.



Image2 embedded computer exercise



Image3 group presentation



Image4 lunch