

Global PBL on IoT

Implementation period	Implementing country	SIT's implementation partner organization	Target students	participant	SIT instructor
2019/06/10 ~2019/06/14	Japan	Universiti Teknologi Malaysia	<ul style="list-style-type: none"> Department of Communications Engineering Undergraduate 4th grade、 Undergraduate 3rd grade 	(SIT) Students 20, TA 3, Professor 6 (Universiti Teknologi Malaysia) Students 14, Professor 2	MORINO Hiroaki(Department of Information and Communications Engineering), KAMIOKA Eiji(Department of Information and Communications Engineering), GYODA Koichi(Department of Information and Communications Engineering), KANZAWA Yuuchi(Department of Information and Communications Engineering), HORIE Ryota(Department of Information and Communications Engineering), MIYATA Sumiko(Department of Information and Communications Engineering)



Image1

In this program, participants are divided into groups, and each group created a new IoT system using sensors and Arduino microcomputers for solving problems and satisfying potential demands in a daily life. Implemented systems they presented in the final presentation aim at detecting a variety of events for notifying them to the users; earthquakes or fires, when they should feed pets, when they need to clean a trash can etc. Many of them are well-finished though the term was short, five days. Farewell party in the last day was a very good atmosphere, where Malaysian and Japanese students deepened exchange. We believe the program was successful.



Image2



Image3



Image4



Image5



Image6



Image7