

Image processing and robotics PBL

Implementation period	Implementing country	SIT's implementation partner organization	Target students	participant	SIT instructor
2019/07/12 ~2019/07/22	Japan	University of Moratuwa University of Sri Jayawardenapura	•Department of Electronic Engineering	(SIT) Students 14, TA 2, Professor 1, Staff 1 (University of Moratuwa) Students 7 (University of Sri Jayawardenapura) Students 4	CHINTAKA Premachandra(Department of Electronic Engineering)



Image1

This time, we called 15 students from University of Moratuwa (Srilanka), University of Sri Jayawardenapurakotte (Srilanka), and National Taipei University to SIT to join this gPBL. In this workshop, several student groups separately tackled to solve a technology related problems taking almost 10 days. Here, each group was composed of at least one SIT student and one overseas student. The main tackled problems were drone assembling, automatic detection of drone landing spot, autonomous drone landing, wheel chair automation using visible light communication (VLC), detection of specific objects from images. Final day, all groups presented their achievements.