芝浦工業大學 SHIBAURA INSTITUTE OF TECHNOLOGY

AY2025 Global PBL (Inbound) Performance Report

PBL on AI, Image Processing and Robotics

Date	Place	Partner Organization	Students' Major and Grade	Participants' Information	SIT Instructor
2025/09/04 ～2025/09/11	Sri Lanka	University of Moratuwa	・Department of Electronic Engineering、Electrical Engineering and Computer Science ・Undergraduate 3rd grade、Undergraduate 4th grade、Master 1st grade、Master 2nd grade	(SIT) Students 15, Student Staff 2, Professor 1 (University of Moratuwa) Students 11	PREMACHANDRA CHINTHAKA(Electrical and Electronic Engineering Advanced Electronic Engineering)

Image1 Cultural exchange activities

A Global Project-Based Learning (gPBL) workshop was held in Image Processing and Robotics laboratory at Shibaura Institute of Technology, welcoming an international student team from the University of Moratuwa, Sri Lanka. The workshop aimed to provide students with an opportunity to collaborate across borders and disciplines, fostering both technical problem-solving skills and intercultural understanding.

During the program, participants were organized into mixed teams consisting of students from Japan and Sri Lanka, ensuring a diverse blend of perspectives and expertise. Each team was encouraged to identify and design its own technical challenge within the fields of artificial intelligence, image processing, or robotics. Through this self-directed approach, students were able to explore their creativity, apply theoretical knowledge to practical problems, and gain hands-on experience with emerging technologies.

Beyond the technical aspects, the workshop also emphasized intercultural communication and teamwork. Students learned to share ideas effectively across language and cultural differences, deepening their appreciation of diverse viewpoints. In addition to the collaborative research sessions, informal cultural exchanges and social activities helped strengthen friendships and mutual respect among participants.

Overall, the gPBL workshop was a valuable and enriching experience for everyone involved. It not only enhanced students' technical and research skills but also cultivated a global mindset—preparing them to contribute to international projects and innovation in the future.

Image2 Collaborative work①

Image3 Collaborative work②

Image4 Final day presentation session

Image5 Group photo on the final day