芝浦工業大學 SHIBAURA INSTITUTE OF TECHNOLOGY

AY2025 Online program implementation Performance Report

On-line Global PBL program of power system at Hanoi University of Science and Technology, Ho Chi Minh City University of Technology, Bandung Institute of Technology, Thai-Nichi Institute of Technology

Date	Place	Partner Organization	Students' Major and Grade	Participants' Information	SIT Instructor
2025/10/06 ～2025/12/08	Japan	Institut Teknologi Bandung Thai-Nichi Institute of Technology Hanoi University of Science and Technology Ho Chi Minh City University of Technology	・Department of Electrical Engineering ・Undergraduate 3rd grade	(SIT) Students 4, Student Staff 1, Professor 1, Staff 1 (Institut Teknologi Bandung) Students 1, Professor 1 (Thai-Nichi Institute of Technology) Students 5, Professor 2 (Hanoi University of Science and Technology) Students 3 (Ho Chi Minh City University of Technology) Students 3, Professor 1	FUJITA Goro(Electrical and Electronic Engineering Electrical Engineering and Robotics)

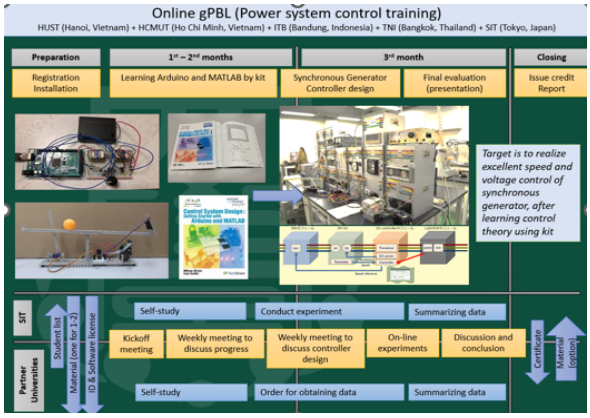

Image1 Program Structure

To strengthen ongoing collaboration with our partner universities, an online gPBL program was held from October to December 2025 with HUST (Hanoi University of Science and Technology, Vietnam), HCMUT (Ho Chi Minh City University of Technology, Vietnam), ITB (Institut Teknologi Bandung, Indonesia), and AIT (Thai-Nichi Institute of Technology, Thailand).The program consisted of nine workshops. In the first half, students learned the fundamentals of control engineering, followed by hands-on collaborative activities in which international teams designed control systems using a synchronous generator experimental system at our university.

This initiative, now in its seventh year since 2020, highlighted the value of international project-based learning, with students actively challenging themselves to apply modern control theory.

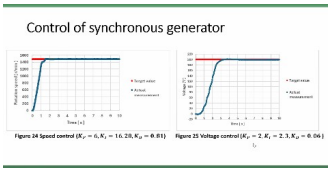

Image2 Presentation Slides

Image3 Learning Control Engineering Using Kits

Image4 Online Progress Report