

Cross-cultural Engineering Project (CEP) at SIT

Date	Place	Partner Organization	Students' Major and Grade	Participants' Information	SIT Instructor
2024/12/10 ~2024/12/20	Japan	King Mongkut's University of Technology Thonburi Suranaree University of Technology Hanoi University of Science and Technology Institut Teknologi Sepuluh Nopember Thai-Nichi Institute of Technology Thammasat University Tashkent University of Information Technologies Universidade Federal do ABC Universiti Kebangsaan Malaysia Kasetart University Universidade do Minho	Department of Electronic Information Systems, Department of Machinery and Control Systems, Department of Planning, Architecture and Environmental Systems Undergraduate 3rd ~ 4th grade, Master 1st ~ 2nd grade, Doctor 1st ~ 2nd grade	(SIT) Students 52, Student Staff 5, Professor 5 (King Mongkut's University of Technology/Thonburi) Students 10, Prof. 1 (Suranaree University of Technology) Students 5 (Hanoi University of Science and Technology) Students 8 (Institut Teknologi Sepuluh Nopember) Students 3 (Thai-Nichi Institute of Technology) Students 3 (Thammasat University) Students 3 (Tashkent University of Information Technologies) Students 2 (Universidade Federal do ABC) Students 2 (Universiti Kebangsaan Malaysia) Students 3 (Kasetart University) Students 1 (Universidade do Minho) Prof. 1	HASEGAWA Hiroshi (Department of Machinery and Control Systems), ICHIKAWA Manabu (Department of Architecture and Environment Systems), MANO Kazunori (Department of Electronic Information Systems), MURAKAMI Kayoko (Electrical and Electronic Engineering Advanced Electronic Engineering), MOCHINAGA Dai (Department of Architecture and Environment Systems),



The College of Systems Engineering and Science and the Systems Engineering and Science of the Graduate School have implemented the Systems Thinking in Engineering (Systems Engineering) educational program as a core course for undergraduate and graduate majors. The culmination of this educational program is the Cross-cultural Engineering Project (CEP), which is implemented in Japan, Southeast Asia, and Europe. CEP is held at the Omiya Campus, where participants from various countries and fields deal with issues related to industry-academia-region collaboration. The Southeast Asia region is held in Bangkok, Thailand, and targets global issues. The European region will be held in Portugal and will focus on innovation creation. Participants can earn credits by taking courses in any of these three regions. This year, the program was held from December 10 to 20 at the Omiya Campus.

and Nasu Town, Tochigi Prefecture. 90 participants from 8 countries and regions around the world were divided into 16 teams to conduct projects in mixed-disciplinary, multinational teams. The project teams consisted of 11 corporate problem-solving teams and five local community problem-solving teams. The program also included a three-day, two-night workcation in Nasu Town, Tochigi Prefecture, from December 14 to 16 under the theme "Let's visit Nasu and create NasuGTP". Students visited and experienced facilities in the Nasu area, customized the discovered local attractions using ChatGTP, created NasuGTP, and made proposals to local stakeholders.

The Grand Award of CEP@SIT was to a project team from Boone Road Trading, a conglomerate in Thailand (the beverage company is Singha Corporation, sells beer and beverages such as Singha and Leo). This was the first time that a proposal was submitted from overseas, and it was an excellent proposal.

As mentioned above, the proposals of each project team were very attractive and well received, and the participants were able to have a meaningful experience and multinational and multicultural exchange.



Project Work



Project Work at NASU



Group photo