

To ensure the success of the modification to the mentioned three courses, several important steps were taken. First and foremost, the staff underwent comprehensive training to enhance their proficiency in Programmable Logic Controllers (PLCs), enabling them to develop and deliver high-quality lessons to the students. This training aimed to equip the staff with the necessary knowledge and skills to effectively teach PLC-related topics.

Furthermore, the same PLC approach was shared with professionals working in the field of automation. This enabled them to provide valuable insights and recommendations on how Chulalongkorn University (CU) could best deliver PLC knowledge to its graduates, ensuring their preparedness for the industry upon graduation.

In addition, to foster further collaboration and knowledge exchange, CU entered into a Memorandum of Understanding (MOU) with the University of Ruse. This MOU facilitates the exchange of knowledge and expertise between the two universities, creating opportunities for joint research projects, faculty exchanges, and other collaborative initiatives. This partnership strengthens the academic resources available to both institutions and promotes a fruitful exchange of ideas and experiences in the field of engineering.