

Training in ASIA

August 15 to 26, 2022 - ITC (Institute of Technology of Cambodia) welcomed esteemed professors from partner universities as part of the groundbreaking Erasmus Factori 4.0 project. Professor Jean-Marc Thiriet and Professor Denis Lubineau from the University of Grenoble Alpes (P3) joined forces to deliver an enriching short course training program. The training focused on Programmable Logic Controllers (PLCs), industrial networks, and cyber security for industrial automation, equipping participants with invaluable knowledge and expertise.

The visit of Professor Jean-Marc, and Professor Denis marked a significant milestone in the pursuit of academic excellence and knowledge exchange at ITC. The short course training aimed to enhance the capabilities of seven lecturers and four students from GEE through hands-on learning and interactive sessions.

The training program revolved around the utilization of PLC Panels, which encompassed cutting-edge features such as the StormShield Firewall. This advanced technology served as a vital component in safeguarding industrial systems against cyber threats, ensuring the integrity and resilience of automation processes.

The professors from the partner university brought with them a wealth of experience and expertise, enabling the participants to delve deep into the intricacies of PLCs, industrial networks, and cyber security. Through practical demonstrations, engaging lectures, and collaborative exercises, the lecturers and students were empowered with profound insights into these crucial areas of industrial automation.

The training proved to be a transformative experience for the lecturers at ITC, as they acquired a comprehensive understanding of cyber security in an industrial context. Armed with this knowledge, they are now better equipped to update the curriculum, integrating essential components related to industrial cyber security. This ensures that future graduates will possess the expertise required to address the evolving challenges within the industrial automation landscape.

Furthermore, the short course training was a valuable opportunity for the participating students to deepen their knowledge and skills in the field of industrial automation. They gained a profound understanding of PLCs, industrial networks, and the critical role played by cyber security in protecting industrial systems from potential threats. This enhanced knowledge will undoubtedly bolster their professional development and increase their employability within the industry.

The collaboration between ITC and the partner universities through the Erasmus Factori 4.0 project highlights the importance of international cooperation in fostering excellence in education. By leveraging

the expertise of renowned professors and providing access to advanced technologies, ITC reaffirms its commitment to delivering world-class education and preparing students for the challenges of the modern industrial landscape.

As the short course training came to a close, the participants expressed their gratitude for the invaluable knowledge and skills they had acquired during this transformative experience. The training not only equipped them with cutting-edge expertise but also inspired them to continue their pursuit of innovation and excellence in the field of industrial automation.

ITC's commitment to providing high-quality education and fostering international collaborations positions the institute as a leading hub for technological advancements and academic excellence. The impact of this short course training will resonate for years to come as the participants continue to make significant contributions to the field of industrial automation and cyber security.

