

Vocational Training

VOCATIONAL PLC TRAINING
At Factori4.0 Excellent Center
Faculty of Engineering National University of Laos
18th - 19th May 2023

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Industry 4.0

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Programmable Logic Controller (PLC)

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Lab 0 - E!Cockpit Beginner's Guide
Asean-Factori 2022

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FACTORI 4.0

E!COCKPIT

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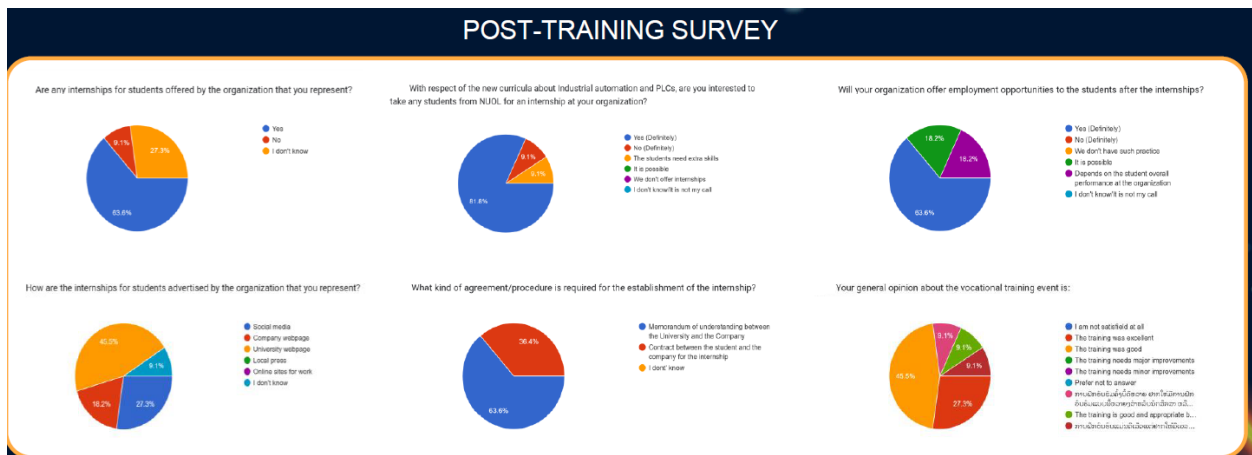
Lab 1 - Tank Management
GreEn-ER Industrial Control systems Sandbox (G-ICS)
2022 - Wago - Asean-Factori

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WAGO

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Thursday 18 May 2023

9:00-9:35 **Opening Speech and Introduction to Center of Excellent Factor4.0**

9:45-11:45 **Theory: Wago PLC and e! Cockpit, Sequential System.**
Lab: - Creation of a tank management for hydroelectric dam in simulation mode Using e!Cockpit. Creation of a GRAPET PLC programming with LD and IFC language in the software simulation mode.
By Dr. Phasy PANTHONGSY & Dr. Vimontha KHAVONGPHACHANH

13:00-16:00 **Lab:** Creation of the visualization, Testing the functioning with simulation.
By Mr. Phutsavanh THONGPHANH

Friday 19 May 2023

9:45-11:45 **Lab:** PLC networking, Connecting PLC, PLC modules and Touch Panel together,
Touch Screen Panel Configuration.
By Dr. Phasy PANTHONGSY & Mr. Phanvay CHANTHAVONG

13:00-16:00 **Lab:** Implementing a tank management for hydroelectric dam with the Benchmark.
By Mr. Phutsavanh THONGPHANH & Mr. Phanvay CHANTHAVONG

Please Register and take a Survey by Scanning the QR Code

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UITE
tinyurl.com/NUOLVPT

1. Électricité du Laos (EDL)
2. Lao Vita Development.co.Ltd (VITA Vocational college)
3. Lao Tobacco Limited
4. Heineken Lao Brewery Co., Ltd
5. ELEKTROKONS Co. LTD
6. Department of Electronics and Telecommunication Engineering

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