MES and Shopfloor Integration

Entity Overview

	Company name	Location
Representative (Training provider)	EEC Automation Park, Burapha University	Chonburi, Thailand
	Business overview	
	A center for talent development and technology transfer in industrial automation, driving Industry 4.0 with a focus on sustainability.	
Partner organization	Quick Transformation Co.,Ltd.	

Training Overview

Training site	EEC Automation Park, Burapha University and Host company for OJT
Project period	28th April 2026 - 31st January 2027
Training period	4 days (24 hours) in total
Participation fee	13,485 THB/person (5,093.05 THB/person will be subsidized)
Language	Thai
Target trainees	1. Technical Staff include engineers and production managers who are responsible for improving factory processes. 2. Manufacturing&Automotive Supplies and low-cost factories seek self-development in industrial automation and DX solutions.
Training attributes	Training Field: GX, DX Course Type: Lecture Basic Knowledge: Not Required Applicable Industry: Manufacturing Industry Highlight of Training Benefit: **GX**: CFP/CFO Visualization; **DX:** MES integrations

Contents of Training

Module 1:Master Data Configuration	Day 1: System Introduction & Plant Structure Setup
	Day1: Personnel & Reason Code Management
Module 2: Item Routes, Cycle Time and QC Mapping	Day 2: Product Data Management
	Day 2: Quality Control Setup
Module 3: Production Planning, Scheduling and .csv Data Imports	Day 3: Creating Production Orders
	Day 3: Details Scheduling
Module 4: Shop Floor Control Simulation	Day 4: Shop Floor Control
	Day 4: Monitoring and Reporting

Expected Training Benefits

1. **Increased Operational Productivity**
   ☑ real-time OEE data to find and remove production bottlenecks
2. **Digital Transformation (DX) and Green Transformation (GX)**
   ☑ bridge the gap between physical factory operations and digital management systems.
3. **Improved Carbon Transparency**
   ☑ track Specific Energy Consumption (SEC) digitally for international GX and DX compliance. .
4. **Empowered Workforce**
   ☑ Trainees gain practical skills, driving innovation and continuous improvement.
5. **Smart Data Analysis**
   ☑ Trainees find the main causes of machine downtime using digital reports.

How to Apply for Training

Apply at https://automationpark.or.th/en/news-and-activity/95/
More information please contact email automationpark@eng.buu.ac.th