

# Short Exchange Training Program for UEC students at KMITL in 2012

**Period:** From 27th August to 30th September 2012 (35days including trip days)

**Location:** Department of Instrumentation and Control Engineering, Faculty of Engineering King Mongkut's Institute of Technology Ladkrabang(KMITL)Ladkrabang, Bangkok, Thailand

**KMITL Supervisory staffs:** Assoc.Prof. Dr. Sawai Pongswatd ([klsawai@kmitl.ac.th](mailto:klsawai@kmitl.ac.th))  
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**Number of Training Student:** Three Trainee students from Dept. of Mech.Eng., IT. Eng. And Automation.Eng. can be accepted to stay at KMITL for Fieldbus technology training.

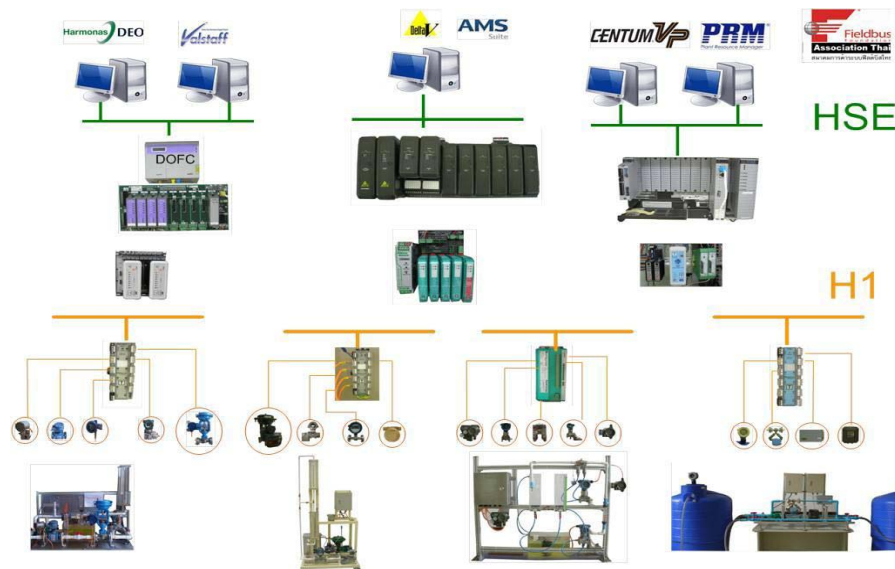
**Program Agenda:** In this training program, three students from UEC can join to the technical training courses that are provided from Foundation Fieldbus Lab., Automation Engineering Program, Dept. of Instrumentation and Control Eng. under the technical support of undergraduate students as following schedule.

1st week: Guidance for life style in KMITL/Lab  
Technical and Culture tours  
Set up PC for linking to campus internet(Email & Skype)

2nd week- Introduction and training the fieldbus Technology  
3rd week: Simulation, experimental and Discussion

4th week: Collaborate Project:  
(Mission: Configuration for fieldbus device, create loop control (for level/flow control) and HMI)  
-Make the report.

5th week: Summary and presentation with the final report  
In this training program, students from UEC can get the knowledge of fieldbus technology and enjoy to learn the automation technology and get a lot of experiences to collaborate with Thai students to create the process automation and HMI(Human Machine Interface).



Field BUS control design and simulation