

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

Period: From 16th April to 19th May 2012 (35days including trip days)

Location : UEC Department of Mech. Engg. & Int.Sys.
1-5-1, Chofu, Tokyo 182-8585 Japan

UEC Supervisory staff

Prof.Chisato KANAMORI(kanamori@mce.uec.ac.jp)
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KMITL Leader

Prof. Sawai Pongsawatd. (Instrument Engg. KMITL)
Prof. Amphawan Julsereewon (Instrument Engg. KMITL)

Number of Training student:

Three Trainee students from Dept. of Mech.Engg., Instr. Engg. and Contr.Engg. can be accepted to stay at UEC for basic robot mechatronics training.

Number of Training student:

Three Trainee Students from KMITL can be accepted to stay at UEC for basic robotics and mechatronics training.

Program agenda:

In this training program, three students from KMITL can join to the technical training courses that are provided from Dept of mech. Engg. and Int. Sys under the technical support of UEC graduate school students as following schedule.

1st week:

- Guidance for life style in UEC/Lab
- Technical and Culture tours around Tokyo
- Set up PC for linking to campus internet(email & skype)

2nd week- 3rd week:

- Introduction and training with mechatronics and robotics technology
- How to control the Arm Robot System

4th week:

- Collaborate Project :
- (Mission: Assemble, Control the Arm Robot so that it can handle the target with the help of vision information)
- Make the report with motion picture and photo.

5th week

- Summary and presentation with the final report

In this training program, students from KMITL can enjoy to learn the basic experiments of Robotics and Mechatronics fields and get a lot of experiences to collaborate with Japanese students to make the Arm Robot System with Image Camera



KMITL students and UEC students can collaborate to assemble Arm Robot System with the original control software and the image camera and show some performances to handle the target among three robot arms.