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

Period: **From 1st April to 5th May 2012 (35days including trip days)**

Location: UEC, Department of Mech. Engg. & Int. Sys.

1-5-1, Chofugaoka, Chofu, Tokyo

UEC Supervisory staff: Assoc.. Prof. Kohji Higuchi (higuchi@ee.uec.ac.jp)

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KMUTT Leader: Assoc. Prof. Kosin Chamnongthai (kosin.cha@kmutt.ac.th)

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                     Lecturer Suwat Pattaramarai (isuwarai@kmutt.ac.th)

Number of Training Students:

    Three trainee students from Department of Electronic and Telecommunication Engineering, KMUTT are accepted to stay at UEC for 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-2nd week (Three students at Higuchi Laboratory)

    - Guidance for life style in UEC

    -Training of Implementation of DSP

  3rd week–5th week (Each student at each Laboratory)

    - Make the signal processing digital filter using DSP or make the robust digital controller using DSP(Higuchi Laboratory)

    - Learn about PTI wavelet packet transform and make the signal processing digital filter uing DSP (Nakano Laboratory)

    - Learn about the basic theory of radar imaging, and the programming (MATLAB) skill for the image processing aiming at target recognition,Learn (Kirimoto Laboratory)

    -Presentation of training results (Three students together)

In this program, students from KMUTT will enjoy to learn about digital signal processing and a lot of experience from collaborate with Japanese students.