

KMUTT – TOKAI UNIVERSITY 2nd Joint Seminar on Advanced Engineering

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1. The 2nd Joint Seminar

The 2nd Joint Seminar on Advanced Engineering was held by King Mongkut's University of Technology Thonburi (KMUTT) and Tokai University (TU) on March 20, 2009 at Montiein Riverside Hotel. President Kraiwood Kiattikomol kindly delivered the opening address, and then each dean of the engineering faculty reported on education and research activities, and each professor of both universities introduced his department and reported on the educational concept and typical research activities. Through the discussions, we increased mutual understanding and exchanged views on research contents and approaches. We also discussed future cooperative programs for both engineering faculties.

A special lecture on "Tokai University's Outlook for International Cooperation" was given by Professor Kiyoshi Yamada, Executive Director of the Headquarters of the International Strategic Division of TU.

The outline of the 2nd KMUTT – TU Joint Seminar was as shown below.

Item	Presenter
Opening Address	President Assoc. Prof. Dr. Kraiwood Kiattikomol
Education and Research Activities in 2008 at Tokai University	Dean Prof. Dr. Hirohisa Uchida
Education and Research Activities in 2008 at KMUTT	Dean Assoc. Prof. Dr. Booncharoen Sirinaovakui
Hydrogen Research at Tokai University	Dean Prof. Dr. Hirohisa Uchida
The Thai National Grid Project Development: Practice and Experience	Assoc. Prof. Dr. Tiranee Achalakul Head, Department of Computer Engineering

Introduction of Three Departments Mechanical Engineering in Tokai University, and my Research on an Easy-release Screw	Prof. Dr. Kazunari Yoshida Department of Precision Engineering
Single-stage Electronic Ballast using Class D and Class E Rectifiers as Line-current Shaper	Dr. Kamon Jirasereeamonkul Lecture, Department of Electronics and Telecommunication Engineering
Education, Research and the Latest Technologies in Civil Engineering	Prof. Dr. Shigeo Honma Head, Department of Civil Engineering
PET/Organoclay Nanocomposites	Dr. Somchoke Sontikaew Lecturer, Department of Tool and Material Engineering
The Trends of Advanced Subjects and Research Works in the Department of Electrical and Electronic Engineering	Prof. Dr. Ryuichirou Ohyama Head, Department of Electrical and Electronic Engineering
Effect of Carbon Addition and B ₄ Particle Size on the Microstructure and Properties of B ₄ C – TiB ₂ Composites	Dr. Ryan C. McCuistion Lecturer, Department of Tool and Material Engineering
Education on Nuclear Engineering in Tokai University	Prof. Dr. Toshiaki Ohe Head, Department of Energy Science and Engineering
Influence of Se Modification on the Fluidity of an A356 Aluminum Alloy	Assoc. Prof. Dr. Chaowalit Limmaneevichitr Lecturer, Department of Production Engineering
Keynote Speech Perspectives of Fundraising through International Cooperation	Prof. Kiyoshi Yamada Executive Director, Headquarter of International Division
Discussion	
Closing Address	Prof. Dr. Hirohisa Uchida

2. Courtesy Call on KMUTT and Discussion on the Cooperative Program

1) Courtesy call on the president

We made a courtesy call on President Kraiwood Kiattikomol, and reported on the holding of the joint seminar and discussed the recent activities of both universities.

2) Discussions between KMUTT and TU

We held the final discussion on the program and schedule for the 2nd joint seminar with the following staff of KMUTT: Dean of the Engineering Faculty, Associate Dean of the Engineering Faculty, and Deputy General Manager in charge of international operations. We discussed also cooperative programs for the engineering faculties of both universities.

3) Campus Tour of the Facilities of KMUTT Engineering Faculty

We toured research and education facilities of the Mechanical Engineering Department, System Control Engineering Department, Industrial Engineering Department, and Tool and Material Engineering Department, and were able to observe classroom instruction in these departments. The tour and observation showed the high level of education provided, with a strong focus on basic theory and practical training.

3. Concluding Remarks

All members from TU, and our colleagues at KMUTT, recognized the great importance of regular meetings for both universities. It was decided to hold the next meeting in Japan.

TU is very grateful to KMUTT for their very kind cooperation and dedication to ensuring a successful 2nd Joint Symposium. We look forward to welcoming our colleagues and friends of KMUTT in Japan.