



International News

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Learning Express (LeX) KMUTNB-SP Collaboration Program 2018



On 12th September 2018, at KMUTNB's Gallery Walk, Representatives of KMUTNB Administration participate the exhibition and the closing of the LeX KMUTNB-SP Collaboration Program 2018 where students show their projects and receive their certificates.

From 3rd to 14th September 2018, a group of 28 students and 3 lecturers from Singapore Polytechnic (SP) together with 28 students and 3 lecturers from KMUTNB participated the Learning Express (LeX) 2018 project. KMUTNB and SP organized the project which aims to develop the "Design Thinking Methodology" to define social innovation and what the society needs, particularly in Thai rural areas. Thai and Singaporean students and lectures went to Ang Thong province for three days to share, learn and work with the community to figure out their needs then develop the prototype solution at KMUTNB; furthermore, the prototype was shown to the community to evaluate feedback and exhibited at Gallery Walk, KMUTNB on 12th September.

KNACKSAT Satellite Prepare for Take Off on 19th November

Information Update of KNACKSAT: On September 24th, 2018, a team from King Mongkut's University of Technology North Bangkok (KMUTNB) successfully integrated the first KMUTNB completely-built satellite, dubbed KNACKSAT, into a CubeSat dispenser at Spaceflight's Integration Facility in Auburn, Washington, USA. KNACKSAT is an acronym for KMUTNB Academic Challenge of Knowledge SATellite.

It will be deployed from one of the SSO-A mission's free flyers to a polar, sun-synchronous orbit around 575 kilometers above Earth.



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Academic Cooperation

Alain Galerie Symposium on High Temperature Corrosion

On 9th July 2018, KMUTNB organised “Alain Galerie Symposium on High Temperature Corrosion”. It was held at the Conference Room, STRI Building, KMUTNB. The symposium was organised with admiration and respect to Professor Alain Galerie, a senior lecturer/researcher, Grenoble INP, France who has been extensively recognized through the world on High Temperature Corrosion. He has dedicated himself to work on countless researches which are exceptionally beneficial to the world.

With gratitude and admiration from his former Ph.D. students consist of a group lecturers from 3 universities; KMUTNB (Thailand), Grenoble INP (France) and Hokkaido University (Japan) who graduated with a doctoral degree under Professor Alain Galerie’s advice and guidance, as a thesis examiner to organise this symposium.



Picture from l-r: At the opening ceremony Assoc. Prof. Dr. Somrerak Chandra-ambhorn (1st), KMUTNB Vice President for Research and Technology Development and Grenoble INP’s Alumni, Prof. Dr.-Ing. habil Suchart Siengchin (6th), KMUTNB President and Prof. Dr. Alain Galerie (7th), a senior lecturer and researcher of ENSEEG, Grenoble INP, France.

2nd Workshop on “Natural Language Processing and Information Retrieval”



During 31st August - 2nd September 2018, the 2nd Workshop on “Natural Language Processing and Information Retrieval” was held at Big Joey Country Resort, Saraburi, Thailand.

Assoc. Prof. Dr. Phayung Meesad, Dean of Faculty of Information Technology, KMUTNB, Prof. Dr. Jörg Desel, Dean of Faculty of Mathematics and Computer Science, Fern University in Hagen, Germany and Prof. Dr. Herwig Unger, a project manager were organisers and keynote speakers of this workshop.

32 participants including Ph.D. students, researchers and lecturers participated to present, share and learn from each other at this workshop.

KMUTNB to host the 22nd International Conference on Interactive Collaborative Learning (ICL2019) in Bangkok

On 25th September 2018, at ICL2018, Kos International Convention Centre, Kos Island, Greece, Assoc. Prof. Dr. Somrerak Chandra-ambhorn (5th from l-r), KMUTNB Vice President for Research and Technology



Development and a team of KMUTNB representatives confirmed that KMUTNB will host the “22nd International Conference on Interactive Collaborative Learning” (ICL2019). The conference will be held in Bangkok, Thailand, on 25th - 27th September 2019.

Conference’s theme: ICL2019 “The Impact of the 4th Industrial Revolution on Engineering Education”.

Academic Cooperation

Rubber Valley Group, China

On 3rd July 2018, Prof. Dr. Teravuti Boonyasopon, Chairman of KMUTNB Council together with KMUTNB administrators welcomed 24 delegates from Rubber Valley Group and China Education Association of Chemical Industry, People's Republic of China led by Mr. He Xuejun, Vice President of the association. The meeting objectives were to discuss and promote future academic collaboration between King Mongkut's University of Technology North Bangkok and Rubber Valley Group and China Education Association of Chemical Industry. Furthermore all delegates visited Laboratories of Faculty of Engineering, Faculty of Applied Science, Science and Technology Research Center (STRI) CoL-DEM Laboratory and Rubber Laboratory, TGGGS.



Picture l-r of sitting row: Ms. Sikan Kulchonchan (1st), Vice President for International Affairs, Assoc. Prof. Dr. Thanin Silpcharu (2nd), Vice President for Rayong Campus, Prof. Dr. Teravuti Boonyasopon (3rd), Chairman of KMUTNB Council, Mr. He Xuejun (4th), Vice President of China Education Association of Chemical Industry and Mr. Lu Jianping (5th), Vice President of Rubber Valley Group.

KMUTNB – ITS Staff Mobility 2018

On 8th -13th July 2018, KMUTNB hosted 8 staff from Institute of Technology Supuluh Nopember, Surabaya, Indonesia, due to the program KMUTNB-ITS Staff Mobility. The scope of program is to share experience, professional methodology and different kind of approaches towards academic support work in university.



Each ITS staff spent almost a week in the host departments of KMUTNB where they had learned variety of working methodologies from KMUTNB supervisors.

At the closing ceremony, Ms. Sikan Kulchonchan (4th from l-r of sitting row), Vice President for International Affairs provided the closing speech and gave the certificate to the members of the project.

SRE–Youth Model ASEAN Conference 2018

On 16th July 2018, Ms. Sikan Kulchonchan (3rd from l-r), KMUTNB Vice President for International Affairs and Ms. Phimvalanch Moosikaphan (6th from l-r), Director of International Cooperation Centre



(ICC), had a meeting and orientation with 4 selected KMUTNB representatives; Ms. Nathida Polsue (1st from l-r), a lecturer from International College and 3 students, Ms. Tunchanok Phochanaphimon, Ms. Walaiphan Wattanabenchaphat and Mr. Jirachai Apinuntham to participate S Rajaratnam Endowment Youth Model ASEAN Conference (SRE-YMAC) 2018 during 23rd-27th September 2018.

Academic Cooperation

Central South University's 13 Full Scholarships, China

On 8th August 2018, at President Office, Prof. Dr.-Ing. habil Suchart Siengchin (4th from l-r of sitting row) and KMUTNB administrative team congratulated to 13 KMUTNB students who get full scholarships from Central South University (CSU), China.



On 5th September 2018, they all started to study the Master Program of Railway Infrastructure based Civil & Transportation Engineering, CSU.

Since November 2017, KMUTNB and CSU have signed MoU, several academic activities have done together.

Internship at Central South University (CSU), China

On 8th August 2018, at President Office, Prof. Dr.-Ing. habil Suchart Siengchin (2nd from l-r of sitting row) who was the representative of Thai-Chinese Cultural and Relationship Council presented 4 scholarships to 4 of 4th year students of KMUTNB for their internship at the CSU's labs. These scholarships were for their living cost and accommodation from August 2018 to January 2019.



2 students of department of Civil and Environment Engineering Technology, College of Industrial Technology take their internship at the laboratory for High Speed Railway Construction, School of Civil Engineering and another 2 students of department of Teacher Training in Civil Engineering, Faculty of Technical Education will take their internship at labs of the School of Traffic and Transportation Engineering, CSU.

Halla University, Korea "Cross-Culture and English Training"

From 2nd to 23rd August 2018, 18 Korean students from Halla University, Korea participated the Cross-Culture and English Training program for three weeks. It was organized by International Cooperation Centre (ICC) at KMUTNB.

KMUTNB provided English classes by native English speaking teachers in the morning and several workshops such as Web Development, Thai Traditional Painting, Thai boxing, Robot and sightseeing in the afternoon session.



KMUTNB's Inter-Culture 2018

From 17th to 18th August 2018, International Cooperation Centre (ICC), KMUTNB organised Inter-Culture 2018. There were 26 International Students from Pakistan, German, Cambodia, Tanzania, Bhutan, Vietnam, Myanmar, Nepal, India, Laos, and Indonesia together with Thai Students participated the project.

The first part of the project was at Bangkok campus and second part was at Prachinburi Campus where local Thai Students organized activities.



Academic Cooperation

KMUTNB Engineering Summer Program 2018



From 25th June - 4th July 2018, Faculty of Engineering, KMUTNB organised student exchange program “KMUTNB Engineering Summer Program 2018”. 19 international students; 4 Japanese from Kyushu Institute of Technology, 6 Filipino from De La Salle University-Dasmarias and 9 Malaysian from Multimedia University participated this program.

KMUTNB students and international students attended the workshop on Innovative Engineering Design, Digital Manufacturing, Robot and Automation Control. Moreover Bangkok sightseeing concerning on Thai-culture was provided for them.

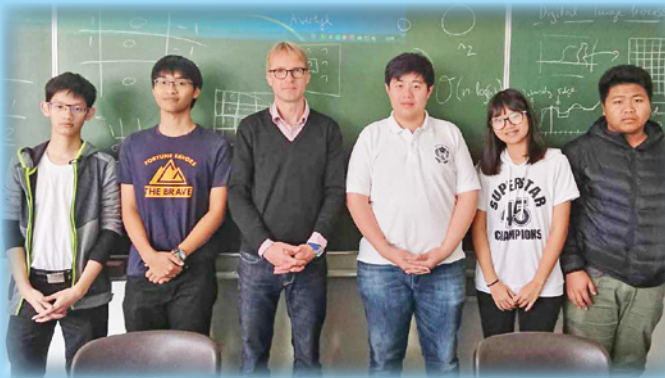
National Kaohsiung University of Science and Technology, Taiwan



From 8th -14th July 2018, 9 KMUTNB students and 2 lecturers of Faculty of Applied Arts were selected to participated “International Students Leadership Camp 2018”. The camp was held at National Kaohsiung University of Science and Technology, Diyi Campus, Kaohsiung, Taiwan.

They explored the opportunities to develop their potential leadership skills and learn cross-cultural competency and understanding through teamwork activities with other foreign students. These experiences have assisted their successful careers and fulfilling personal life.

Bremerhaven University of Applied Sciences, Germany



From 11th June - 12th July 2018, 5 students of Faculty of Applied Science; 3 students from Department of Computer and Information Science and another 2 students from Department of Industrial Physics and Material Instrumentation attended a short course program on the topic “Foundations of Digital Signal and Image Processing” at Bremerhaven University of Applied Sciences, Germany.

Prof. Dr. Mathias Lindeman (3rd from l-r), lecturer of Bremerhaven UAS was a supervisor of them.

National Institute of Technology, Okinawa College, Japan



From 1st -15th September 2018, National Institute of Technology, Okinawa College organised a student exchange program at KMUTNB.

Prof. Dr. Yasutomo Tamaki (6th from l-r of back row), a lecturer of Bioresources Engineering Department led 5 students of the department to workshop at labs of department of Agro-Industrial, Food and Environmental Technology, Faculty of Applied Science and took English class with students of International College. Additional Bangkok sightseeing was managed by KMUTNB students’s volunteers.

Campus News

Kyushu Institute of Technology (Kyutech), Japan: Civil Engineering



From 17th-21st September 2018, Assoc. Prof. Dr. Toshikazu Takai (5th from l-r of front row) and five students from department of Civil and Architectural Engineering, School of Engineering, Kyutech joined the workshop on “Lightweight Concrete” with a group of students of Civil Engineering Department, Faculty of Engineering under the supervision of Prof. Dr. Piti Sukontasukkul (4th from l-r of front row).

Finally, Japanese and Thai team contested on mixing lightweight concrete and gave presentation on their projects together.

Kyushu Institute of Technology (Kyutech), Japan: Robotic Engineering



From 21st-30th August 2018, 13 students from Kyutech, Japan joined a short term exchange program of robotic engineering at the Faculty of Engineering, KMUTNB.

Dr. Amornphun Phunopas, Assistant Dean for Robotic Technology and Dr. Wisanu Jitviriya organised the Robot workshop for Kyutech and KMUTNB students. Thai-Japanese students had a chance to share experiences on their knowledge, culture and attitude to work and live together during 10 days in Thailand.

National Chung Cheng University (CCU), Taiwan



From 1st June – 31st July 2018, five of 3rd year students of Faculty of Engineering took their internship program at National Chung Cheng University, Taiwan.

During 2 months, 5 internship students had worked on their projects at Advanced Institute of Manufacturing with High-tech Innovations (AIM-HI), CCU under the supervision of Taiwanese Professors. Moreover, they joined many activities such as Elite camp of AIM-HI and learnt Taiwanese traditional culture.

Universiti Tunku Abdul Rahman (UTAR), Malaysia



From 1st June – 31st July 2018, four of 3rd year students of Chemical Engineering Department, Faculty of Engineering attended their internship program at Universiti Tunku Abdul Rahman, Malaysia.

4 KMUTNB interns worked on their projects at laboratories of Lee Kong Chian Faculty of Engineering & Science, UTAR and under supervise of UTAR Professors.

Picture: UTAR Professors present certificate to 4 internship students after completed their program.

Campus News

College of Industrial Technology's Outbound Student



Picture: from l-r of back row; Asst. Prof. Preecha Ong-aree (5th), CIT Dean and Assoc. Prof. Dr. Rattanakorn Phadungthin(6th), Associate Dean for International Affairs take a group picture with a group of CIT outbound students of Technology, Kumamoto College and Okinawa College in Japan and Central South University, China during summer semester of this year.

On 23rd May 2018, College of Industrial Technology organised an orientation program to CIT Students whom were selected to participate outbound internship program.

21 of 4th year students of the college took their internship at foreign partner universities; Esslingen University of Applied Science, Coburg University of Applied Science, and Bochum University of Applied Science in Germany, Kyushu Institute of Technology, Kumamoto College and Okinawa College in Japan and Central South University, China

Victoria University College, Myanmar



chaturapatr, head department of Civil and Environmental Engineering Technology, CIT organised the workshop for them.

From 23rd-26th July, Asst.Prof. Preecha Ong-aree (4th from l-r of sitting row), Dean of the College of Industrial Technology gave a warm welcome to Mr.Naing T. Htaik and Dr.Wuit Yi Win Htut who led 28 students of Civil Engineering, Victoria University College, Myanmar.

Asst. Prof. Dr. Janjit Iam-



to visit FESTO at Esslingen. Moreover FESTO sponsored their cost of accommodation in Germany.

Esslingen UAS, Germany

From 1st June -31st July 2018, seven of 4th year students of College of Industrial Technology took their internship at labs of Esslingen University of Applied Science, Germany.

Picture: from l-r; Prof. Dr. Jürgen van der List (2nd), honor advisor for KMUTNB International Affairs (Germany) and Prof. Dr. Ralph Schmidt (3rd) supervisor and coordinator of Esslingen UAS-KMUTNB project brought 7 KMUTNB Internships

Esslingen UAS, Germany: Inbound

From 1st -30th September 2018, Asst. Prof. Preecha Ong-aree (3rd from l-r), CIT Dean and Assoc. Prof. Dr. Rattanakorn Phadungthin(4th from l-r), Associate Dean for International Affairs gave a warm welcome to 3 interns: Miss Sina Langer, Mr.Tilman Marian and Mr. Dominik Scherer from Esslingen UAS, Germany.

They worked their projects at the labs of department of Mechanical Engineering Technology, CIT.



TGGGS's 4th Advisory Board Meeting

On 19th September 2018, the Sirindhorn International Thai-German Graduate School of Engineering (TGGGS), held the 4th Advisory Board Meeting at Ratchapruk Meeting Room, King Mongkut's University of Technology North Bangkok (KMUTNB).

The purpose of the Advisory Board Meeting was to gather honorary representatives from industries, governments and organizations to discuss about the collaboration, activities and the future direction of TGGGS.

Dr. Alexander Raubold, Counsellor Economics and Commercial Affairs, German Embassy, was the Honorary Chairman of the Advisory Board Meeting. He was the acting honorary Chairman for Mr. Jan Scheer, Chargé d'Affaires, German Embassy.

The Advisory Board Meeting started with the welcome speech and the opening remark by Dr. Raubold, followed by the opening remark from Prof. Dr. Edmund Haberstroh, RWTH Rector Delegate to TGGGS, Prof. Dr. Rudolf Mathar from RWTH Aachen University and Prof. Dr. Suchart Siengchin, KMUTNB President. Thereafter, Asst. Prof. Dr. Monpilai Narasingha, TGGGS Dean reported the current and outlook status of TGGGS.



At the meeting, there were 33 Board Members from different sectors attended. This includes representatives from German Embassy in Bangkok, Ministry of Foreign Affairs, DAAD Thailand, Goethe-Institut Thailand, German-Thai Chamber of Commerce, The Federation of Thai Industries, and National Science Technology and Innovation policy Office. Top members from the industry were representatives from Siemens Thailand, BMW Manufacturing Thailand, Robert Bosch Limited Thailand, TÜV Rheinland in Thailand, BASF Thailand, Schaeffler Manufacturing (Thailand) Co., Ltd., Covestro (Thailand) Co., Ltd. Western Digital Thailand Co, Ltd., EGAT, PTT, Bangchak Corporation PCL, Tri Pecth Isuzu, World Pigment Industries Co., Ltd., and Thai Techno Glass Co., Ltd. From the universities are representatives from RWTH Aachen University, TGGGS and KMUTNB. They discussed and gave many valuable ideas, suggestions and feedback in terms of the TGGGS's outlook.

Northwestern Polytechnical University (NPU), the People's Republic of China

From 2nd-13th July 2018, Assoc. Prof. Dr. Ekachai Juntasaro, TGGGS Associate Dean for Research and Academic Services was a visiting professor at Northwestern Polytechnical University (NPU), the People's Republic of China. He gave a lecture on topic "Introduction to Computational Fluid Dynamics (CFD)".

In 2018, TGGGS and School of Mechanical Engineering, (NPU) signed MoU. Both universities promote their academic activities as Faculty/Staff Exchange, Graduate Student Exchange, etc. together.



Picture from l-r: NPU Vice President Zhang Weihong (1st) presents a certified appointment to Assoc. Prof. Dr. Ekachai Juntasaro (2nd) at the opening ceremony.

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King Mongkut's University of Technology North Bangkok

1518 Pracharat 1 Rd., Bangsue, Bangkok 10800, Thailand

Tel: +66 (0)-2-555-2000 ext. 1024, Fax: +66 (0)-2 586-9007



EDITORIAL TEAM

Prof. Dr. Teravuti Boonyasopon, Advisor
KMUTNB International News Committee

Send news, questions and comments to: icc@op.kmutnb.ac.th