Throughout 2019, King Mongkut’s University of Technology North Bangkok (KMUTNB) celebrates its 60th anniversary of founding. It will be a year of celebration and KMUTNB will arrange a variety of special academic activities in three campuses, such as international conferences, seminars, workshops, leadership camps or innovation competitions etc. The theme for this celebration is “60 Years of Invention Challenges to Innovation”. During 15th-18th March 2019, “KMUTNB Techno Exhibition” was held at Bangkok campus which was a very special event. HRH Princess Maha Chakri Sirindhorn graciously presided over the opening ceremony of the Exhibition on 15th March 2019, at 9 a.m., which was held at the ground floor of Anekprasong Building, KMUTNB. In the opening ceremony of the exhibition, KMUTNB was also honored by the presence of H.E. Mr. Jacques Lapouge, Deputy Head of Mission, German Embassy Bangkok, as well as foreign lecturers from universities around the world which KMUTNB has close academic collaborations with. Afterwards, HRH Princess Maha Chakri Sirindhorn inspected an exhibition displaying scholarly works and innovations in sciences and technology, as well as the achievements of the academic collaborations with the government sector (Continued on page 2)
the private sector, which benefit the academic community, the business sector and the industrial sector. The exhibition booths were grouped into various themes, including robotic and automation, medical technology, sustainable society, digital IT and next generation vehicles. Besides the Techno Exhibition, there were various activities, such as an academic seminar, workshops, innovation competitions and open house activities in Bangkok campus and Rayong Campus. On this auspicious occasion, HRH Princess Maha Chakri Sirindhorn also presented honorary plaques and tokens to foreign lecturers and other benefactors who had supported the research, education and innovation endeavor of KMUTNB.
Seminar on “Innovation & Development of New Generation Automotive Industry”

On 16th March 2019, Faculty of Business and Industrial Development, KMUTNB organized an academic seminar on the topic of “Innovation & Development of New Generation Automotive Industry” at Benjarat Hall to celebrate KMUTNB’s 60th Anniversary. The opening ceremony of the conference was presided over by Dr. Somchai Harnhiran, Deputy Minister of Industry.

Prof. Dr. Gyeung Ho Choi (far left of the corner), a President of Korean Auto-Vehicle Safety Association (KASA) was a Keynote speaker on, the topic of “Global Trend of New Generation Automotive Industries” and then the section of discussion forum “Innovation & Development of New Generation Automotive Industry” led by a Thai expert team, such as Assoc. Prof. Dr. Saiprasit Koetniyom, KMUTNB, Mr. Somboon Tippayarangsarid, President of Thai Electric Vehicle Co., Ltd. (TEV) and Dr. Chaiyatorn Limapornwanich, National Innovation Agency (Public Organization). More than 500 audiences, including students, researchers, industry employees and industrial entrepreneurs in Thailand, attended this seminar.

MSIE 4.0 Seminar: Industry 4.0 & Engineering Education

On 28th January 2019, the MSIE 4.0 Seminar: Industry 4.0 & Engineering Education was held at Wichiwathi Conference Room, Faculty of Engineering, KMUTNB. Prof. Dr.-Ing.habil. Suchart Siengchin, KMUTNB President presided at the opening ceremony. Many keynote speakers from European Allied Universities such as Politehnica University of Bucharest, Romania, Czestochowa University of Technology, Poland and University of Minho, Portugal participated. More than 100 audiences attended the seminar. In 2018, Prof. Dr. Athakorn Kengpol, KMUTNB Professor is a leader of the project “Curriculum Development of Master’s Degree Program in Industrial Engineering for Thailand Industry 4.0” (MSIE 4.0) which was funded by the Erasmus + programme. The seminar was a part of the project.

The 8th Asia Pacific IIW International Congress:
“Promote and Ensure the Quality of Welding Education in the Region”

During 20th – 22nd March 2019, at Queen Sirikit National Convention Center, the Welding Institute of Thailand (WIT) organized the 8th Asia Pacific IIW International Congress under the theme “Promote and Ensure the Quality of Welding Education in the Region” to celebrate KMUTNB’s 60th Anniversary.

This was an opportunity for engineers, lecturers, researchers and suppliers involved in the area of welding to share their knowledge in this field, to establish an academic network and to get to know each other.
**Academic Cooperation**

**MoU with Quindao University of Science and Technology (QUST) & Rubber Valley Group Co., Ltd. China**

On 21st January 2019, at Ratchaphruk Room, KMUTNB, Prof. Dr. Teravuti Boonyasopon, a chairman of KMUTNB Council welcomed delegates from QUST and Rubber Valley Group. On this occasion, KMUTNB, QUST and Rubber Valley Group signed a second MoU, which proceeded the first MOU signed in 2013. Dr. Pinit Jarusombat, President of Thai-Chinese Cultural & Relationship Council and Mr. Zhang Yan, CEO, Rubber Valley Group Co., Ltd. presided over the signing ceremony.

**MoU with Hankyong National University, Korea**

On 8th January 2019, a Memorandum of Understanding (MoU) has been signed between the Faculty of Technical Education, KMUTNB and College of Engineering, Hankyong National University, Korea, to establish cooperative relations between both universities, especially to develop academic and cultural interchange in education, research, and other areas. On this occasion, Assoc. Prof. Dr. Pairote Stirayakorn (5th from l-r), Dean of Faculty of Technical Education, KMUTNB presided over the Signing Ceremony together with Prof. Lee Eul Gyu (6th from l-r), Dean of the College of Engineering, a representative from Hankyong National University to sign the MOU.

**MoU with Deutscher Verband für Schweifen und verwandte Verfahren e. V. (DVS), Germany**

On 21st March 2019, at VIP2 Room, Queen Sirikit National Convention Center, Assoc. Prof. Dr. Banleng Sornil, President of the Welding Institute of Thailand (WIT) and Dr.-Ing. Roland Boecking, DVS’s General Manager, signed a second Memorandum of Understanding to continue their cooperation for research and human resources development for the education and manufacturing sectors.

On this occasion, Dr.-Ing. Roland Boecking was a keynote speaker on the topic “Value added by welding technology in Germany and EU in 2017” at the 8th Asia Pacific IIW International Congress.
MoU with Kyutech for Kyutech Satellite Office at KMUTNB

On 15th March 2019, at Room 328, Faculty of Engineering, KMUTNB, Prof. Dr.-Ing. habil Suchart Siengchin, KMUTNB President and Assoc. Prof. Dr. Udomkiat Nontakaew, Dean of Faculty of Engineering, KMUTNB representatives, and Prof. Dr. Teruhisa Ohno, Vice President for International Affairs as Kyutech representative signed a Memorandum of Understanding to establish the Satellite Office of Kyutech at KMUTNB. It is the Kyutech’s first satellite office in Thailand located at the Faculty of Engineering.

BMBF Delegates, Germany visited KMUTNB

On 29th January, 2019, Prof. Dr. –Ing. habil. Suchart Siengchin, KMUTNB President and Asst. Prof. Dr. Phongsak Keeratiwintakorn, Director of Thai German Dual Education, KMUTNB, warmly welcomed and had a discussion with BMBF delegations leaded by Dr. Sabine Carl, International Cooperation VET, BMBF. The delegates visited Thai-German Pre-Engineering School and was welcomed by Asst. Prof. Dr. Saowakhon Khunnawut, Director of the school, KMUTNB. Furthermore, delegates visited Siemens Mechatronics System Industrial 4.0 Laboratory at Faculty of Business and Industrial Development, presented by Asst. Prof. Dr. Chanin Joochim.

President of International Society for Engineering Pedagogy’s Meeting at KMUTNB

On 13th March 2019, at KMUTNB, Prof. Dr. paed. habil. Hanno Hortsch, President of International Society for Engineering Pedagogy (IGIP) had a meeting with Prof. Dr. -Ing. habil. Suchart Siengchin, KMUTNB President, and KMUTNB Committee of ICL 2019 to discuss the preparation of the conference. CL2019 will be held at the InterContinental Bangkok, Thailand, between 25th-28th September 2019.
180 programs taught in Thai and International programs in Science, Technology, Engineering, Architecture and Industrial Business. KMUTNB has 14 faculties and 3 colleges in 3 campuses: Bangkok, Prachinburi and Rayong.

The celebration of Foundation Day is an annual traditional organized by KMUTNB and the Alumni Association. There are two parts of the event. The first part in the morning includes a merit-making ceremony at Anekprasong Building and a wreath laying ceremony at the statues of two founders: Prof. Dr. Boonyasak Jaijongkit and Dipl. Ing Karl Stütze in the late morning of the day.

Moreover, the second part is the highlight of celebrations include the evening party along with KMUTNB student’s performance and the award presentation ceremony outstanding KMUTNB’s alumni, faculty members, researchers, and staff. It is a great opportunity for KMUTNB’s alumni, faculty member, staff and students to celebrate this important milestone together in fun and meaningful ways.

**Morning Activity’s Snapshot**

**Evening Activity’s Snapshot**
Capstone Design Project 2019
From 20th to 26th January, thirteen Korean students and three professors from Halla University and Korea National University of Transportation (KNUT) together with Thai students from King Mongkut’s University of Technology North Bangkok (KMUTNB) and four French Students from University Institute of Technology of DIJON-AUXERRE, University of Burgundy, France, participated in Capstone Design Project 2019. The Capstone Design Project 2019 was organized by International Cooperation Centre (ICC) in collaboration with Faculty of Engineering, KMUTNB. Supervisors for this project were: Prof. Dr. Lee Chang Hoon, Prof. Dr. Hong Sung Chul from Halla University, Prof. Dr. Kim Sug Ryong from Korea National University of Transportation, Korea, and Asst. Prof. Dr. Amornphan Phunopas, Dr. Wisanu Jitviriya and Dr. Nopparat Seemuang from Faculty of Engineering, KMUTNB. This project aimed to give robotic skills to the students through a course of robotics and motion control held at Robotic Laboratory, Faculty of Engineering. The outstanding performance of the students reflected that the project was successful and also is another step to build strong partnership with Korean universities.

KMUTNB-Bremerhaven UAS’s Double Degree Program 3+1
On 21st March 2019, at KMUTNB, President issued a press release on KMUTNB-Bremerhaven UAS’s Double Degree Program 3+1 in International Trade and Business Logistics (International Program). The program will start in the academic year 2019. KMUTNB was represented by Prof. Dr.-Ing.habil. Suchart Siengchin (2nd from l-r), KMUTNB President and Assoc. Prof. Dr. Pichet Sriyanyong (4th from l-r), Dean of International College, and Bremerhaven-University of Applied Sciences, Germany, was represented by Prof. Dr. Gerhard M. Feldmeie (3rd from l-r), Vice Rector for Research, Transfer and Internationalization and Prof. Dr. Wolfgang Lukas (1st from l-r), Head of the Institute for Management and Economics. The students in this program will study at their home university 3 years and at the host university 1 year. Moreover, during 18th-22nd February 2019, both Professors of Bremerhaven UAS gave Block Lectures at the International College.

Fern University in Hagen, Germany
From 15th January - 15th April 2019, three of 3rd year students of Department of Computer and Information Science, Faculty of Applied Science, KMUTNB, took their internship to work with the team of Prof. Dr.-Ing. habil. Herwig Unger (1st from l-r of standing row) at the laboratories of Faculty of Mathematics and Computer Science, Fern University in Hagen, Germany. The students were part of an internationally cooperating team, which develop the WebEngine, the first fully decentralized, integrated search engine, which had also been shown at the 60th anniversary exhibition of KMUTNB. Prof. Unger was a founder and a dedicated coordinator of KMUTNB-FernUni’s cooperation since 2008. His proactive character lead to many creative projects between both universities.
On 5th February 2019, Prof. Dr. Teravuti Boonyasopon, a chairman of KMUTNB Council, Prof. Dr.-Ing. habil Suchart Siengchin, KMUTNB President and representatives of KMUTNB administrators paid a visit to H.E. Mr. Georg Schmidt, a new Ambassador of Germany to Thailand, at his residence, to report the progress of academic collaborations between KMUTNB and German universities.

In this occasion, Prof. Dr. Teravuti Boonyasopon, a chairman of KMUTNB Council, presented H.E. Mr. Georg Schmidt an invitation to attend KMUTNB’s Anniversary Celebration on 20th February 2019.

The Diamond Jubilee Celebrations of KMUTNB

The celebration of KMUTNB’s foundation day was held on 20th February 2019, a variety of events was held to celebrate the 60th anniversary of King Mongkut’s University of Technology North Bangkok (KMUTNB). The purposes of organizing these events were to commemorate the founding of the university and strengthen connections between alumni, faculties, staff, and current students, as well as to strengthen the international academic network of KMUTNB.

H.E. Mr. Georg Schmidt, Ambassador of Germany to Thailand, and numerous delegates from KMUTNB’s international partner universities also attended the evening party at KMUTNB, Bangkok Campus.

KMUTNB’s progress and achievement has continually evolved over the past six decades from its beginning as a technical school, now it becomes one of top 10 universities and a prominent technological university of Thailand. KMUTNB invented the first satellite made by KMUTNB researchers, called KNACKSAT, and put it into an orbit in December 2018, won eight times World RoboCup Rescue Champions and earned a position of the 5th best green university in Thailand. In 1959, the school was founded by German and Thai Government under the Academic and Economic Cooperative Agreement. KMUTNB, at the beginning, had only 50 students, but currently there are 29,000 students, 2,500 staffs and (Continued on page 6)

KMUTNB Administrative Team Congratulated a new German Ambassador to Thailand

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H.E. Mr. Georg Schmidt, Ambassador of Germany to Thailand, addresses congratulation to KMUTNB achievement.

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