“Long Live the Queen”
On August 10, 2011, RMUTSB arranged a significant ceremony with great respect to celebrate Queen’s 79th Birthday. Asst. Prof. Chariya Hasitpanitkun together with the administrators, the faculties and the students paid homage to a portrait of Her Majesty the Queen of Thailand.

"The Preparation of Thai Higher Education for Entering the ASEAN Community"
During August 18 - 19, 2011, Assoc. Prof. Dr. Montanee Sestapukdee, Vice President for Academic Affairs together with Asst. Prof. Paisal Burinwatthana, Dean of the Faculty of Business Administration and Information Technology, and Ms. Somjai Boonsan, Deputy Dean joined the seminar on “The Preparation of Thai Higher Education for Entering Towards ASEAN Community” organized by Thailand Chairman of the University’s Lecturer Council at Navy Hall, Arun Amarin Road, Bangkok Yai, Bangkok. This seminar was honored by Dr.Supachai Panitchpakdi, the Secretary General of the United Nations Conference on Trade and Development, or (UNCTAD) as the guest speaker.
“Best Grateful Child Award on Mother’s Day”

On the occasion of the Queen’s Birthday and National Mother’s Day 2011, Her Royal Highness Princess Somsawalee went to chair the event of appreciation award of the Best Grateful Children which was organized by the Council on Social Welfare of Thailand at Suan Amporn Building, Bangkok on August 12, 2011. Mr. Supachai Fueangfung, a sophomore from the Faculty of Business Administration and Information Technology, Suphanburi campus, was one of the hundred selected children from 390 participants and was bestowed the Honorary trophy from HRH Princess.

“To Produce Electricity by Using Solar Energy Training Program”

The Faculty of Engineering and Architecture organized a training program “To Produce Electricity by Using Solar Energy” on July 6, 2011 at Nonthaburi campus. This training program was lectured by Assoc. Prof. Napat Watjanatepin, Dean of the Faculty of Engineering and Architecture, and Mr. Prakorn Somboonkit, a lecturer in the Faculty of Engineering and Architecture. Students from Rattanathibate school and Global English school participated in this activity.

“The 4th English Language Training for Career Preparation”

The Faculty of Engineering and Architecture organized the “The 4th English Language Training for Career Preparation” on July 20, 2011 at Nonthaburi campus. There were twenty experts from Liberty University, United States of America, to carry out a variety of activities for students focusing on using English in a fun atmosphere, such as music and role-playing games. Students from the 4 departments namely: Electrical Engineering Department, Industrial Engineering Department, Mechanical Engineering Department and Electronics and Telecommunication Department actively joined this activity.
ARIT’s Study Trip

During the period of August 25 – 28, 2011 the Office of Academic Resources and Information Technology (ARIT) had a project of study trip to Shenzhen and Hongkong.

On this occasion, the RMUTSB delegation led by Asst. Prof. Chariya Hasitpanitkun, President, Ms. Sureerat Ngowwatana, Vice President and Mr. Suwut Tumthong, Director of the Office of Academic Resources and Information Technology, and the Deans of six faculties experienced the Academic Resources Management and Information Technology services at Hongkong University. They also spent time in visiting companies namely Huawei Technologies Co., Ltd., Shenzhen Bitland Information Technology Co., Ltd., Keydone Return Network Technology Co., Ltd., Sunwoda Electronics Co., Ltd. and Topstar Overseas Electronics Co., Ltd. for the standard battery producing and the security of the manufacturing process.

Study Trip to MOE of Taiwan

Asst. Prof. Chariya Hasitpanitkun, President, joined the study-trip project held by the Office of the Higher Education Commission in cooperation with nine of Rajamangala Universities of Technology to visit the Ministry of Education and universities in Taiwan during 3 – 10 September, 2011.

Assoc. Prof. Dr. Piniti Ratananukul, Deputy Secretary-General of the Office of the Higher Education Commission and Assoc. Prof. Dr. Numyoot Songthanapitak, led the team of RMUT delegation consisting of the Chairman of the University Councils and the presidents of nine Rajamangala Universities of Technology. On this occasion, the Minister and the administrators of Taiwan MOE gave them a very warm welcome. The delegation had a meeting with MOE administrators mainly about promoting academic collaboration between universities in Thailand and in Taiwan and planning of “The Taiwan-Thailand Higher Education Forum 2012” in March 2012 in Taiwan.

During that time, the delegation spent most of the time on cultivation experiences by visiting the leading universities: National Taiwan University, National Tsing Hua University, National Chung Hsing University, National Pingtung University of Science and Technology, Wenzao Ursuline College of Languages, Kaohsiung University of Hospitality and Tourism, Kaohsiung Marine University, and National Taiwan University of Science and Technology.
“The First Southeast Asia Conference on Thermoelectric”

Dr. Anek Chareonpakdee, Dean of the Faculty of Science and Technology, and Assoc. Prof. Napat Wajanathepin, Dean of the Faculty of Engineering and Architecture in cooperation with Thailand’s Thermoelectric Association and a network of 10 institutes organized the First Southeast Asia Conference on Thermoelectric during July 20 – 21, 2011 at Krungsri River Hotel, Phranakhon Si Ayutthaya. This conference was presided over by Asst. Prof. Chariya Hasitphanitkun, the RMUTSB President and it featured lecturing, sharing ideas and experiences, oral presentations of research and poster presentation in thermoelectric research from some experts in Thailand and other countries. There were more than 200 participants. The success of the conference resulted in the establishment of the Thermoelectric Research Club in the future.

“Integrating CompTIA Course Certification into University Curriculum with Alignment to Global ICT Standards and CompTIA’s Investment and Support of Thailand’s ICT Industry to Move Towards to Entering the ASEAN Economic Community by 2015”

On July 12, 2011, Asst. Prof. Chariya Hasitpanitkun, RMUTSB President, and Mr. Denis Kwok, Vice President Asia Pacific Region CompTIA, presided over the opening ceremony of the seminar program on “Integration CompTIA Course Certification into University Curriculum with Alignment to Global ICT Standards and CompTIA’s Investment and Support of Thailand’s ICT Industry to Move Towards to Entering the ASEAN Economic Community by 2015” which was organized by the Office of Academic Resources and Information Technology, Nonthaburi campus. This event covered the presentation of guidelines for the integration of CompTIA course for teaching computer to meet the International Standard Certification of tertiary education institutes. There were also the introduction of computer products under the research and development of RMUTSB as well as the innovative technology to support instructional management. 173 participants from 35 public and private sectors attended this seminar.
“Multiresolution Edge Fusion Using SWT and SFM”

Assoc. Prof. Dr. Somkait Udomhunsakul, a lecturer in the Department of Electronic and Telecommunication Engineering, the Faculty of Engineering and Architecture joined The World Congress on Engineering 2011 (WCE2011) which was hosted by International Association of Engineers (IAENG) at Imperial College London in the United of Kingdom during the period of July 5 – 9, 2011. In this event, Assoc. Prof. Dr. Somkait Udomhunsakul gave the oral presentation on “Multiresolution Edge Fusion Using SWT (Stationary Wavelet Transform) and SFM (Spatial Frequency Measurement)”

His paper proposed a multiresolution edge fusion method based on Stationary Wavelet Transform (SWT) and Spatial Frequency Measurement (SFM). The proposed method SWT is firstly applied with the original image to get the edge image information both in level 1 and level 2. Next, both edge images are fused to get a complete edge image using SFM which is compared with a few simple fusion methods. In addition, the method is used for edge detection in noisy original image. The result of the experiment revealed that the proposed method provides a complete edge image evaluated by the correlation value.

“Effect of Harvesting Times of Thein Corn on Eating Quality” and “Chitosan Application for Reducing Chemical Fertilizer Uses in Rice Production”

Asst. Prof. Raweewun Suvannasara and Assoc. Prof. Dr. Suchada Boonlertnirun, lecturers in the Faculty of Agricultural Technology and Agro-Industry went to Marseille in France for their presentations on Harvesting Times of Thein Corn and Chitosan Application in Rice Production in International Conference on Sustainable Agriculture, Environment and Forestry, ICSAEF during August 23-28, 2011.

“Clone Selection and Utilization of Makok Naam for Economic Benefit of the Community in Central Thailand and Product Development of Sano plants for Economic Benefit of the Community Enterprise”

Assoc. Prof. Dr. Surachai Muchjajib and Assoc. Prof. Udomlaksana Muchjajib, lecturers in the Faculty of Agri. Tech. and Agro-Industry presented their research work on Makok Naam and Sano plants at the 2nd World Biodiversity Congress, September 8-12, 2011 in Kuching, Sarawak, Malaysia.
“Development of Automatic Malfunction Warning System for Grid – Connected PV System”

Assoc. Prof. Napat Watjanatepin, Dean of the Faculty of Engineering and Architecture gave his presentation on “Development of Automatic Malfunction Warning System for Grid – Connected PV System” in the 8th Asia - Pacific Conference on Sustainable Energy and Environmental Technologies at University of Adelaide, Australia during July 9 – 14, 2011. The presentation is about the Automatic Malfunction Warning (AMWS) which comprises of GSM modem, Internet network and the software developed by LabVIEW 8.2. The AMWS will give a warning to an operator if there is a malfunction or detected faults. Therefore, it is beneficial for the operator to get the system run properly and fix problems in a short time.


Sisuda Chaithongsuk has recently obtained her Doctoral Degree in Electrical Engineering from “Institut National Polytechnique de Lorraine”, (INPL), Nancy-FRANCE. Her thesis’s topic is “Optimization of the Structure of Permanent Magnet Machine based on Analysis Spectrum of Flux Density in the Air-Gap for Variable Speed in Embedded Systems”

For research work, her research papers had been accepted for publication in both of the International conferences proceeding and IEEE transaction on magnetic with a high impact factor. Some publications are shown as follows:


She is working in the Faculty of Engineering and Architecture, Rajamangala University of Technology Suvarnabhumi, (Nonthaburi campus). She is interested in these research areas : PM motor designed, electric drives and power electronics.
A New Volunteer Chinese Teacher from the Office of Chinese International Education Commission (Hanban)

Ms. Niramol Chanyam, Dean of the Faculty of Liberal Arts, gave a warm welcome to Miss Liang Xinyu from MTCSOL. She is the volunteer Chinese teacher from the cooperative project between Office of the Higher Education Commission and Office of Chinese International Education Commission (Hanban). During the 10-month period of volunteer service, she will be teaching Chinese Language at Nonthaburi campus from June 2011 until March, 2012.

Cultural Exchange Cooperation Project

Ms. Niramol Chanyam, Dean of the Faculty of Liberal Arts, organized the project of Cultural Exchange Cooperation with Laos – Singapore Business College at Vientiane in Laos P.D.R. during the period of August 2 – 5, 2011 with Asst. Prof. Dr. Dhida Dhithabhaya, Asst. Prof. Nanthawadee Wongsathien, Dr. Boonsomying Polamuangdee, the Deputy Deans, and Mr. Sintanasak Assarasee, the consultant. The faculty members and the students of Tourism and Hotel Department participated in the project to visit Laos – Singapore Business College. The project mainly aimed to cooperate the youth of ASEAN networks in cultural and education exchanging activities which are fruitful for the unity of the ASEAN countries. Another purpose is to enhance the instructors and students, public relations and language skills in ASEAN networks to cooperate the program of Exchange Collaboration for courses and project design between LSBC and RMUTSB. And the last purpose is to prepare the cooperative framework for the signing of MOU between LSBC and RMUTSB in the future.
Experience in Denmark: Lion Denmark Youth Camps and Exchange 2011

Miss Patcharaporn Rerngruk and Miss Kanittha Naimanop, the students of Liberal Arts Faculty, had a chance to join Lion Denmark Youth Camps and Exchange 2011 in Denmark from July 8 to August 2, 2011. They had a great time during their stay for 3 weeks. In the first week, Miss Patcharaporn Rerngruk enjoyed home – stay by living with a farmer family in Ringkobing which is in the west of Denmark. In the second week, she moved to a new host family who is a lawyer. They have two children. Miss Kanittha Naimanop stayed with one host family in Brande. Her host is an officer in a vegetable farm and his wife owns a business. During the last week, they stayed together with 24 overseas friends from 20 countries in the camp in Horning.

All of them enjoyed participating in many interesting activities such as photo competition, team – building games, sport – day, recording camp songs, and party night.

Blooming Sano Day

The year 2011 marks the auspicious occasion of the 84th birthday anniversary of His Majesty King Bhumibol Adulyadej. As part of the celebration, RMUTSB participated in the Blooming Sano Day activities at Wat Huntra on the August 18-19, 2011.