

International Conference

"The 5th RMUTP International Conference: | Science, Technology and Innovation for Sustainable Development: the road towards a green future"

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HRH Princess Soamsawali presided over the opening ceremony of "The 5th RMUTP International Conference: Science, Technology and Innovation for Sustainable Development: the road towards a green future" held by Rajamangala University of Technology Phra Nakhon on July 17-18, 2014 at Pullman Bangkok King Power Hotel.

Assoc. Prof. Dr. Viroch Impithuksa, Acting President of Rajamangala University of Technology Phra Nakhon (RMUTP), said that "this international conference focused on the concept of science, technology and innovation for sustainable development which aimed to promote green growth, to publicly show the academic work of researchers and students, and also to exchange experiences and to brainstorm for new ideas which are able to be the solution of environmental problems and to develop the collaboration network of academicians and researchers and finally to make RMUTP well known domestically and internationally". So, RMUTP invited Thai and international academicians to publicly show their academic articles about science, technology and innovation for sustainable development which were published domestically and internationally."

This conference consists of the special lecture of Thai and foreign lecturers, the presentation of academic articles and researches, the exhibitions in environmental conservation and study tour. There were many interesting academic articles and researches such as Sustainability Science, Environmental Issues and Assessment, Green Materials Science and Alternative Energy, Green Product Innovation, Sustainability Agriculture Development and Nutrition, Sustainability Governance and Transformation, Green Business and Ecosystem Services and Education for Sustainable Development. In the evening, there was a welcome party a concert of RMUTP band, a Thai Folk Dance and a fashion show of RMUTP students



The achievements of the conference are as follows:

1. Create academic and public relations networks

There were 100 Thai and 9 foreign attendants. The total number of research papers was 129 (120 Thai papers and 9 international papers). Among the 120 Thai research paper, 55 were from Rajamangala University of Technology Phra Nakhon (RMUTP) that were presented at the conference, which is in accord with QS World University Rankings criteria used as a criteria to drive Thai universities by the Office of the Higher Education Commission of Thailand.

2. Make research publishing agreement with Advanced Materials Research

To standardize the international conference, RMUTP has signed a publishing agreement with a German periodical: Advanced Materials Research. The periodical is ranked quartile 4 (Q4) or SJR and is also contained in the SCOPUS database approved by Office of the Higher Education Commission of Thailand. 55 researches from RMUTP will be published by SCOPUS approval.

3. Create collaboration and network with keynote speakers

RMUTP invited 6 international professors and 2 Thai professors as keynote speakers.



Keynote speakers	Collaborations
Prof. Dr. Hans Jurgen Herrmann Institute for Building Materials, Zurich Switzerland	 Provide Research Recommendation in Physics and Materials Science postdoctoral researches for RMUTP inventors. Provide assistance in writing research proposa and provide research collaboration in Physics and Materials Science. Provide advice in conducting Physics and Materials Science researches in accordance with the nation's demand and provide research network to the new experts.
Prof. Dr. Nuno Araujo Universidade de Lisboa, Centro de Fiscia Teórica e Computacional Instituto de Investigação Interdisciplinar, Portugal	 Provide Research Recommendation in Physics and Materials Science postdoctoral researches for RMUTP inventors. Provide help in writing research proposal and provide research collaboration in Physics and Materials Science. Provide advice in conducting Physics and Materials Science researches in accordance with the nation's demand.
Prof. Dr. Ing. Rolf Hoffmann Computer Architecture Group, Department of Computer Science, Technische University Darmstadt, Germany	 Provide assistance in writing research proposal and provide research collaboration in making mode by using computer. Provide advice in conducting Cellular Automator research.
Prof. Dr. James P. Key Department of Agricultural Education, Communication and Leadership, Oklahoma State University, USA	Provide advice in conducting agricultural research in accordance with the nation's demand and provide research papers preparation in order to publish.
Prof. Dr. Santi Mansiri Department of Physics, Faculty of Science, Suranaree University of Technology, Thailand	 Provide laboratory in order to conduct research and provide collaboration in using resources at Suranaree University of Technology and Synchrotron Light Research Institute. Provide assistance in writing research proposa and provide research papers preparation in order to publish.
Prof. Dr. Tanongkiat Kiatsiriroat Department of Mechanical Engineering, Faculty of Engineering, Chiang Mai University, Thailand	Provide laboratory in order to conduct research and provide collaboration in using resources at Department of Mechanical Engineering, Chiang Mai University Provide assistance in writing research proposal and provide research papers preparation in order to publish including provide publishing advices.

energy and alternative energy.











Nyenrode Business Universiteit, the Netherlands

Faculty of Business Administration

Executives and lecturers of the Faculty of Business Administration attended the Intensive English Course held from 6 April to 10 May 2014 at Nyenrode Business Universiteit in the Netherlands. The English course was divided into 2 courses: Fundamental English and English for Executives.

Nyenrode Business Universiteit, found in 1946, is the only private university in the Netherlands with the motto "For Business by Business." The university was established and supported by the executives of Dutch multinational companies such as KLM, Shell, Unilever, Philips, and Akzo. The main goal was to rebuild the economic position of the Netherlands and Dutch enterprises after WWII. In 1982, it was recognized as a university by the Dutch government, the Netherlands Business School, as it was called then, changed its name to Nyenrode Business Universiteit in 2005. The Nyenrode coat of arms is found in the logo of the University.

Nyenrode Business Universiteit is housed on 140 acres estate with a thirteenth-century castle. The estate is well known for its beautiful landscape and bordered by the Vecht River and the Amsterdam-Rhine Canal. Apart from its beautiful landscape, there are the deer park, the maze, the rose garden, hiking and jogging trails through the woods, and a lane with centuries-old chestnut trees. The university offers the most valuable facilities such as a library, a restaurant, a gym and fitness center. With its quiet and peaceful atmosphere, and due to the intensive nature of Nyenrode programs, the campus offers students clear benefit.









A Wonderful Experience in UQ

Sutthima Wanpeng and Tanuttha Agasvipar

Faculty of Liberal Arts

TESOL at ICTE was such a great program for us. After studying ESP: TESOL at ICTE, the University of Queensland (UQ), I've gained a lot of benefits that can help improve my teaching career in many ways. Initially, I understand more about learner styles which help me identify and analyze the learners' differences. Moreover, it is a good chance to enhance vocabulary knowledge and lexical items through learning with plenty of lessons and with many qualified teachers. Indeed, I truly know about applied linguistics, language pedagogy, and teaching techniques that I can make use of them to teach students effectively. To apply teaching techniques and tips, peer teaching is the most useful and practical method to get feedback immediately from classmates and from a teacher as well. Then I can adapt some of them along with essential suggestions to use for my real classrooms. Regarding classroom teaching, I really like songs, board games, asking questions, dictogloss, storytelling and other communicative activities. Most of them are quite interesting, dynamic, and funny that I am able to apply for using in my real classrooms. However, I have to simplify or adapt some activities appropriate for the students in different fields.

Apart from that, one of the most important aspects for me was that I spent the time with my lovely host family cooking traditional Australian dishes at the porch in the dim light of the sky and dancing crazily together with a Chinese friend and an honest dog. I have never felt that I was being surrounded with such genial and lovely people. I could say that I had a very relaxing moment even though I studied extremely really hard out there. Besides, a school visit at John Paul College Daisy Hill was also extremely interesting since it was an international school with various nationalities consisted of a kindergarten, a primary school, a middle school, and a secondary school. There I observed three classes which were completely different: a science class and two English classes. I've got a couple of teaching techniques practical to my students. Overall the five-week learning sessions at UQ gave me worthwhile knowledge and I had a lifetime memorable experience that I've never received from anywhere else. I enjoyed everything I did. I also believe that every student should have one chance to take part in this program since TESOL at ICTE had almost everything that I think a student could want from a program.







Intensive English Language in Massey University, New Zealand

According to ASEAN Economics community and RMUTP towards the 2nd decade project, the primary objective of the Intensive English Language Studies aims at English language development for 18 Rajamangala University of Technology Phra Nakhon (RMUTP) lecturers from 5 faculties: Faculty of Industrial Education, Faculty of Mass Communication Technology, Faculty of Home Economics Technology, Faculty of Business Administration and Faculty of Engineering. The program took place at the Center of Professional and Continuing Education (PaCE), Manawatu campus, Massey University, New Zealand from July 5th, 2014 to August 5th, 2014.

The program focused on the usage of academic English and the development of reading, writing, listening and speaking skills. So, RMUTP lecturers were able to use the lessons learned in their university classrooms. The lecturers, who attended the program, must take English placement test which have 4 levels: introduction, lower intermediate, upper intermediate and advanced levels. The test was able to assess their proper English level and assist lecturers by placing them into the most appropriate classes.

Along with other international students such as Chinese, Taiwanese, South Koreans and Saudi Arabians, RMUTP lecturers attended classes such as English listening and speaking classes and optional classes which were weekly arranged with different subjects in each week such as New Zealand culture, presentation skill and English for careers. The RMUTP lecturers had to do classwork in pair with the other international students by using English in order to develop their English proficiency and English accents. At PaCE, the lecturers could access to instructional media. Massey University also arranged homestay program, so RMUTP lecturers could speak English everyday with the family whom they spent times with.

One of our lecturers said "New Zealand cuisine could not be compared to Thai one, but I really like the English teaching methods. I am impressed with all English instructors. In the very first week, they spoke slowly so that I could understand what they said. But weeks later, they spoke faster, tried to correct my pronunciation and also encouraged me. So, I think I have increased my English proficiency in speaking, listening and writing and what I've learned in New Zealand is very useful.





An Interview with award winning researcher of RMUTP

Faculty of Industrial Textiles and Fashion Design at Rajamangala project about designing a special JACQUARD loom in order to add value to local products. It's an outstanding loom that is able to



this knowledge to the Arts and Crafts center of Thailand, Wat Nam Tao and a local weaving group in Ayutthaya. In 2013, I received the Special Fight Award at the Inventor's Day exhibition, and I also have received two awards in two different categories and was funded by the Thailand Textile Institute.

In April 2014, the National Research Council of Thailand chose two inventions to compete in the 42nd International Exhibition of Inventions in Geneva, Switzerland. The research was awarded the following: a gold medal and special award from Poland and a bronze

The reason for creating these inventions is to create new innovations to further develop society by use of efficient techniques.

SMEs in order for them to increase the number of cultural products being made in the Thai textile industry.

knowledge, which furthers the integration between science and art. I







RMUTP to Develop Student Leader towards the 2nd Decade of RMUTP

Asst. Prof. Yutthapoom Suwannavej, Vice President for Student Affairs and Information, presided over the opening ceremony of the Project of "Student Leader Camp towards the 2nd Century" held on 1-3 July 2014, at Chet Khot Pong Konsao Nature Education Center and Ecotourism, Saraburi Province. The project was initiated under the policy of Assoc. Prof. Dr. Viroch Imphithuksa, Acting President of RMUTP with the following purposes: (1) to produce the students as the leaders in order to provide the creative freshmen orientation, (2) to create awareness on nature, environment and pride of being the student of Rajamangala University of Technology Phra Nakhon (RMUTP) and (3) to create volunteer spirit among the students in order to move towards the 2nd decade in 2014.



Food and Beverage Experience in USA

Asst. Prof. Apirat Sorose, Asst. Prof. Apinya Manaroj, Mr. Nanon Dangsangwal and students from the Faculty of Home Economics Technology were invited from IT Square Co., Ltd. to visit Las Vegas and Lake Tahoe city, the United States of America from 21st July — 31st August 2014 to improve the food and beverage experience and consult and build friendships for supporting graduates from Home Economics course to have a co-operative education at the Orchid restaurant, a Thai restaurant in the United States of America. This restaurant has increased the number of branches in many states to support students chances in finding a job and gaining more experiences in foreign countries.



10th the Best and the Brightest Students of RMUTP Visited Bali, Indonesia, to Exchange Culture and Language

 10^{th} the Best and the Brightest Students of RMUTP travelled to Bali State Polytechnic to improve knowledge and experience outside the classroom and promote the study of Rajamangala University of Technology Phra Nakhon. All of these activities were about the excellence development of the Best and the Brightest Students of RMUTP This project was held from $8^{th}-15^{th}$ July 2014 at Bali State Polytechnic, Indonesia.



Pre-sessional English Course for Freshmen

Language Centre in cooperation with the Office of Academic Promotion and Registration, RMUTP organized a project on Pre-sessional English course for the first year students to improve their English prior to starting the programs at RMUTP. The course was held from mid July to mid August 2014 at Mongkol Abha meeting room, Faculty of Business of Administration. Mr. Christopher Wright was invited as a guest speaker.

