School of Architecture

Field Trip to Phitsanulok – Sukhothai - Lop Buri

On 14-16 October 2005, the AU School of Architecture conducted a field trip to Phitsanulok - Sukhothai - Lop Buri. It was a part of the special lecture by A. Son Srimatrung from Silpakorn University on the subject, “AR 4101 (History of Thai Architecture)” in which 36 students and lecturers attended. The three-day trip started early in the early morning on 14 October. The first stop was in Phitsanulok to see Wat Phra Si Rattanamahathat, and the temple of Phra Phutthachinnarat. The group stayed overnight at Mu Ban Thai Hotel near Sukhothai Historical Park.

On 15 October, the students and lecturers visited Sukhothai Historical Park. Sukhothai was Above: In front of Wat Si Sawai. Below: A. Son lectures on the influence Khmer's style had on Sukhothai's architecture in Wat Si Sawai.
the first capital of Thailand and has been registered as a world heritage by UNESCO. We made a trip to Wat Mahathat, Wat Si Sawai, Wat Si Chum and Wat Phra Phai Luang. In the afternoon, we visited the Si Satchanalai Historical Park, 50 km from Sukhothai. Si Satchanalai is a sister city of Sukhothai with archeological objects such as Wat Chang Lom, Wat Chedi Chet Thaeo and Wat Nang Phaya.

On 16 October, the last day of the trip, we stopped over at Lop Buri, another ancient city from the Thawarawadi until the Ayutthaya periods. We visited Narai Ratchaniwat Palace and its museum. The last spot was Wat Mahathat Lop Buri.

At the end of the three days, the students came back quite exhausted, but with great enjoyment and a full load of knowledge on Thai architecture.

Annual International Design Competition

The Department of Interior Architecture has been actively participating in several design competition, both locally and internationally. This year, the Department sent a student representative to participate in the Annual International Design Competition, hosted by Space-Media, which is an organization founded for promoting architecture and interior architectural design in Korea. Each year since 2001, Space-Media has hosted several international design competitions and has awarded many promising students hence, creating an arena for many students to disseminate their ideas.

As for the year 2005, the title for the competition was the term "NON", which refers to deriving an innovative concept that negates the status quo in order to create better and more creative interior space. The representative student was Mr. Santi Sorasuparp and was assisted by Mr. Tospon Pivasiripong and Ms. Siriporn Sritaborvornpaiboon. They are all from the third year in Interior Architecture Design V and were supervised by A. Vatcharat Samakamai, Chairperson of Interior Architecture Department, A. Porawan Kokiat-santi, A. Chutarat Laomanacharoen and A. Vilasinee Teparut.

The final concept that guided the design solution was the termed "Non-Identity" - a state in which interior space dissolves the real identity that each user usually has to mask its true self. The hypothesis was that without adhering to identity, humans would be closer to each other and able to create more innovations. The final design solution took an elevator as a case study for creating a Non-Identity environment.

The entry work entered the competition and was included in the final 12 work entries out of 80 works from all over the world, which required an individual presentation. A video presentation was then sent and the entry work has eventually won the “Grand Winner Prize” of the design competition. The prize of 2,000,000 won was awarded for the grand winner prize and the entry work is exhibited on the website (www.Space-prize.com) for the entire year.

Vertical Competition “32+one”

The School of Architecture organized the 5th Annual Vertical Competition “32+one” at the court in front of the M Building on 8 November 2005.

The objective of this annual competition was to encourage the students from the 1st to 4th year to freshen up and start their studio design in the second semester, gathering the entire students in the School to work and compete with each other, and also to present the students’ work to the public.

According to Charles Darwin’s Natural Selection, in
order for any kind of creatures to survive in this world, it must learn how to evolve its own body to adapt to a certain new living environment. For this Competition, the referee let the students ask themselves that they are living in a certain environment where the normal body is able to survive or sustain. A pair of students are to design a device, which will perform as extended part of ‘any’ human organ, and will help the students to overcome, or overpower, the obstacle that they were set out.

Two students would team up and work through a series of exchanged ideas, discussion and a process of making the final solution. The students were only allowed to use corrugated papers and fabrics as a major construction object. Any glue was prohibited from this Competition. Moreover, students had to submit mock up device @ 1:1 scale and critical verbal presentation.

Finally, the students’ project would be judged by evaluation criteria such as conceptual creativity that considers how do students understand and reinterpret the question with their own individual creativity and performance that was to consider how do students transpose and apply their own concepts into the reality of constructed world.

The Biotechnology Faculty organized a public occupational training on “Premium Cookies” on 19 November 2005, from 08:00-16:00 hours. It was held at Room Q101, Queen Tower, in Hua Mak Campus.

The course consisted of lectures and practicum on the topics of: introducing, the equipment to make cookies, the practice of making chocolate cereal and brownie cookies.

Four engineering students (From left): Pimchanok W., Warwisa D., Siriorn S., and Rasinee P. who won 4 x 100 m relay at the 24th Gear Games participated by all Engineering Faculties in Thailand.
students showed a lot of efforts and proved to have good spirit of AU. These students brought honors and pride to our University.

**AU Engineering Students Received Award**

On 6 December 2005, around 50 undergraduate engineering students throughout Thailand were awarded the Medal of Academic Excellence by the Engineering Institute of Thailand under His Majesty the King’s Patronage. Among them, it was Mr. Tosmate C., a student majoring in Computer Engineering at AU. He scored the first rank in his batch and had a GPA above 3.6/4.0 throughout his studies. Her Royal Highness Princess Srirach of the Sukhothai Palace gave the awards.

Dr. Sudhiporn Pantumtaewapibal, Dean of Engineering, with his proud Student, Mr. Tosmate C. who won the Medal of Academic Excellence given by the Engineering Institute of Thailand.

**Faculty of Nursing Science**

**Optimizing Global Health Through Nursing Science**

The College of Nursing of the University of Illinois at Chicago (UIC) and its co-sponsoring hosts invited Asst. Prof. Dr. Nanthaphan Chinlumparsert, Dean of the AU Faculty of Nursing Science to attend the Conference on, “Optimizing Global Health through Nursing Science”, which was held from 28-30 October 2005. The theme of the Conference was “Networking and science-sharing on health and nursing”.

Dr. Nanthaphan presented a poster paper entitled “The Effects of Community Participation Approach on the Health Promotional Behavior of the Elderly”. It was scheduled to be posted on 29 October 2005.

**Visitors from Two Nursing Science Faculties**

The AU Faculty of Nursing Science had a chance to welcome the visitors from the two other faculties of nursing science.

The first group consisted of six instructors from the Principle Nursing Division, Nursing Science Faculty, Chiang Mai University. They visited AU Hua Mak Campus on 25 August 2005. They were taken to observe teaching and learning management and audio-visual aids in nursing laboratory room.

On 20 September 2005 the second group consisted of 15 staff members from the Faculty of Nursing Science, Mahidol University. They paid attention to the management of the AU Nursing Science Faculty and also international program administration of ABAC.

**Dean Nanthaphan Attended the Conference at UIC**

The University of Illinois at Chicago (UIC) College of Nursing and its co-sponsoring hosts has invited Asst. Prof. Dr. Nanthaphan Chinlumparsert, Dean of Nursing Science to attend and present a paper at the conference, “Optimizing global health through nursing science that is networking and science-sharing on health and nursing topics”. The conference was held from 28-30 October 2005 at the University of Illinois at Chicago, Chicago, IL, USA. The abstract of her paper entitled, “The effects of the community participatory approach on the health promotion behavior of the elderly” has been selected for a poster presentation at the conference. It was presented on 29 October 2005. The abstracts of her paper is published in the AU Abstracts 2006, an annual publication published by the Office of the AU Journal of Technology.
Dean Nanthaphan’s Appointments

During the past quarter (1 October - 31 December 2005), Asst. Prof. Dr. Nanthaphan Chinthumprasert, Dean of the AU Faculty of Nursing Science, in her capacity of the chairperson of the Informative Committee of the Nurses Association of Thailand, has been appointed to hold important posts in various committees as follow:

(i) A member of the Selection Committee of the Nursing Council of Thailand to select excellent nurses in nursing education administration for the year 2005.

(ii) A member of the Review Committee to review a paper, “Stress and confrontation for principle of nursing practicum in nursing students of Sri Nakharinwirot University at Ongkharak” for publication in the Nursing Journal.

The Dean Attended International Meetings

Asst. Prof. Dr. Nanthaphan Chinthumprasert, Dean of the Faculty of Nursing Science, went to Singapore to attend the meeting on, “The 6th ICN Asia Workforce Forum (ICN-AWFF)” on 24-25 November 2005 and “The 2nd Alliance of Asia Nurses Association (AANA)” on 26 November 2005.

The Dean as the Guest Speaker

Asst. Prof. Dr. Nanthaphan Chinthumprasert, Dean of the AU Faculty of Nursing Science, was invited to be the guest speaker for many seminars.

(i) At the 2005 Annual Seminar of the Nurses Association of Thailand, held on 1-2 September 2005 at the Radisson Hotel, Bangkok, Asst. Prof. Dr. Nanthaphan presented a paper entitled, “Nursing Leadership and Management Theory and Experience toward Practice”. On this occasion, she lucidly discussed the contexts of “Learning from Tsunami disaster and terrorism in the three southernmost provinces of Thailand” and “Voice from the audiences and brainstorming for preparation to face with disasters”

(ii) At the workshop on “Professional and Sexual Violence Solution in Male and Female Phase” organized by the Human Reproduction Division, Institute of Health Research of Chulalongkorn University held on 2-4 September 2005 at the Association of Woman Status Promotion, Don Mueang, Bangkok, Dr. Nanthaphan presented a paper on “Health and Violence” on 3 September 2005

(iii) At the seminar on “Competent Development for Teaching in Nursing Trainer” organized by the Nursing Science Faculty of Siam University and Nursing Science Committee of the Association of Private Higher Education Institutions of Thailand held on 25-29 September 2005 at the Salini Room of the Nursing Science Faculty, Mission College, Dr. Nanthaphan presented a paper on 26 September 2005.

(iv) At the seminar on “Violence against Handicaps” which aims to promote health for handicaps in Thailand, jointly organized by the Health Systems Research Institute and the National Medical Rehabilitation Service of the Sirindhorn Center, Dr. Nanthaphan presented a paper on, “The Roles of Nursing Trainer”.

Further, the Health Systems Research Institute has invited Dr. Nanthaphan to review the research proposal on violence problems before funding.

Graduate School of Psychology

Lecturer invited to participate as Medical Consultant in a Seminar at UNESCO

Dr. C. Gigante MacBaine (Dr. Mac) was invited to participate in a seminar hosted by UNESCO, Bangkok, and Co-Sponsored by Gallaudet University Washington, D.C., U.S.A. on Thursday, 11 August 2005.

This seminar discussed and presented the language and literacy needs for the deaf by providing visually based cognitive, and linguistic stimulation through community partnerships at the senior consultation level.

Those in attendance represented several organisations such as: The Foundation for the Deaf Under the Royal Patronage of Her Majesty The Queen; National Institute for Child and Family Development, Mahidol University; Samitivej Srinakarin Hospital; Office of Basic Education Commission, Ministry of Education; Graduate School of Psychology, Assumption University;
the new developments in the field of counseling and counseling psychology.

- It is indeed important for the professionals to discuss what individual experiences they have with their clients, therefore contributing and expanding the knowledge in the field of counseling psychology.
- To bring to light the new scientific researches and studies conducted in the field of counseling psychology.

There were about 130 delegates who attended the conference; around 30 of these were from Thailand. Also in attendance were a number of counseling and psychology students from various local universities including Assumption, Thammasat, Chulalongkorn, and Ram Khamhaeng Universities.

The 11th International Counseling Conference*

The 11th International Counseling Conference (ICC), themed “Counselors across Borders” was held, under the auspices of the American Counselors Association, at Shangri-la Hotel in Bangkok on 30 - 31 December 2005.

The aims and purpose of the ICC were the following:

The aim of this international event is to bring the counselors and psychologists from across the borders from different countries around the world together, whereby they can discuss and share the new trends and have an insight into the system by applying IT, telecom or computer science concepts.

There were a total of 17 booths, three of which were from Computer Science (CS) Department, eight from Information Technology (IT), four from Telecommunication Science (TS), and two from Applied Statistic (ST).

The following are topics and systems presented as well as demonstrated by the Science and Technology students in this Exhibition:

1. Flexible Architecture for Online Chess Game
2. FAQ Buddy
3. An Approach to Text Categorization
4. Auto flexible Management System
5. Mobile Auction System
6. M-Questionnaire Application
7. Course Scheduling Information System
8. Para Rubber System
9. ARC Over RPR Network
11. Web Based Instruction for Nonparametric Methods
12. Web Based Instruction for Principle of Statistic
13. Voice Recognition Using Fourier Transform
15. Transportation Information Navigation System (TIN)
16. Customer Complaint System for an International Logistic Comp
17. An Inventory Control System for a Silver.

*S& T Senior Project Exhibition (Semester 1/2005)*

On 24 October 2005 the Faculty of Science and Technology organized the S&T Senior Project Exhibition (Semester1/2005) for fourth-year students at Salle d’Expo, Hua Mak Campus, to exhibit their finished project as part of the requirement for the final examination. In order to complete the course, the students of every major must carry on a specific project in which they will apply the knowledge acquired to design and develop a real system. They must analyze the problem, define the solution, and design

*By David Yoku Korsah-Dick and Karuna Karkhavorn, MSCP Students, Graduate School of Psychology*
S&T Faculty Members Presented Papers at International Conference

Mr. Chutipon Siriakkarap (MS TS student), Mr. Pisan Sethwawong (PhD TS student), and their advisor Dr. Surat Tanterdtid had won the APSITT 2005 Paper Award at The Fifth Asia-Pacific Symposium on Information and Telecommunication Technologies (APSITT 2005) held in Yangon, Myanmar on 9-10 November 2005. The title of their paper was, “RSVP-based Critical Services Path Recovery in MPLS Network”. This symposium was organized by the Institute of Electronics, Information and Communication Engineers (IEICE).

Game Developer Exchange Conference

A. Pisan Sethwawong, a lecturer from Computer Science Department, and a member of IGDA Bangkok Chapter, is one of the key people who organized DXCON2005, which was held at the ICT Learning Place, TK Park - Central World Trade Center during 26-27 November 2005. There were a number of press releases, e.g. in the Future Gamer (November 2005 edition), and a number of other online technological sites.

In its second year, the Game Developer Exchange Conference (GDXCON 2005), organized by the Faculty of Science and Technology and volunteers from leading game development websites in Thailand, is a platform for local game developers to be able to exchange information, knowledge, and experience with Above: A. Pisan Sethwawong posts with the rest of the team competing in the final round of the PC SuperPitch Competition at the Thailand Animation and Multimedia Festival 2006; Middle: Members of the Thailand Animation and Multimedia Association at the Bangkok International Film Festival. Below: A. Pisan and his teammate at the Festival
each other and the audience that attended the seminar. The participants of the seminar included students, game developers, business owners, and educators. The participants can keep up-to-date with the trends and advancements in computer game development in Thailand. Details of seminar and training topics are available on the website at http://www.gdxcon.org.

Call for Abstracts

Faculty members, as well as their students, are cordially invited to submit their abstracts to the Editor of the AU Journal of Technology for inclusion in the forthcoming issue of 'AU Abstracts 2006', to be issued in July 2006 which will cover the meetings that take place during 01 July 2005 to 30 June 2006. In order to avoid the rush and other complications, may we suggest that the authors submit their papers as soon as they have been presented. This will allow the Editors to have more time to go through their papers, and to clarify some points prior to publication.

Special Article

Can the English (or for that matter – American) language survive after Bush?

Below are excerpts of the speeches delivered on various occasions by the US President George W. Bush, sent to the Editor by someone. The original was prepared by Renee Hughes<hobal_2@hotmail.com>.

"The vast majority of our imports come from outside the country."

"If we don’t succeed, we run the risk of failure."

"One word sums up probably the responsibility of any Governor, and that one word is 'to be prepared'."

"I have made good judgments in the past. I have made good judgments in the future."

"The future will be better tomorrow."

"We’re going to have the best educated American people in the world."

"I stand by all the misstatements that I’ve made."

"We have a firm commitment to NATO - we are a part of NATO. We have a firm commitment to Europe - we are a part of Europe."

"Public speaking is very easy."

"A low voter turnout is an indication of fewer people going to the polls."

"We are ready for any unforeseen event that may or may not occur."

"For NASA, space is still a high priority."

"Quite frankly, teachers are the only profession that teach our children."

"It isn’t pollution that’s harming the environment. It’s the impurities in our air and water that are doing it."

"It’s time for the human race to enter the solar system."

Call for News

The AU Tech Note cordially invites staff and students in the School of Architecture, the Faculty of Biotechnology, the Faculty of Engineering, the Faculty of Nursing, the Graduate School of Psychology and the Faculty of Science and Technology to contribute articles for publication in the Newsletter.

What to Contribute?

Any kind of information you would like to see published in AU Tech Note. An illustrative list is given below:

- Personal news (new appointments, promotions, fellowships, awards, travel abroad, etc.)
- Reports of special interest groups, industrial visits, recently launched or concluded projects, open house, field works, etc.
- Reports on recently held workshops, seminars, symposia, conferences, etc.
- Information about forthcoming activities and events, recent publications, etc.
- Results of recently concluded projects, patents, newly released products and formulations, experiments and techniques, etc.

We look forward to receiving your input.