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The year 2006 has been a challenging one for AIT in many respects. Under the rapidly changing landscape of higher learning in the region and worldwide as well as decline in the direct funding available from donors and partners, it will become even more important for the Institute to critically examine and adapt itself to the changing environment. On behalf of the Board of Trustees, I wish to credit President Irandoust for his able leadership and for having already made a significant impact in a relatively short period of time. I feel that there is now a strong sense of solidarity and purpose among members of the community and realization of the challenges that lie ahead and commitment to continue AIT’s fine tradition of service to the region.

I wish to commend the President as well as all members of the faculty, staff, students and alumni for their solidarity, efforts and commitment in putting AIT on a firm foundation. The Executive Committee and Board of Trustees have been working closely with the President on the Institute Strategic Development Plan, as well as on its ownership and governance aspects in order to attain full international status for AIT, which I am confident we will be able to accomplish in the near future. The Institute is also embarking on a very important fund-raising campaign leading up to AIT’s Golden Jubilee Celebrations in 2009.

AIT is a pioneering institution in the region conceived with the highest principles of education in mind to pursue excellence in teaching, research and training. AIT’s mission, “To develop highly qualified and committed professionals who will play a leading role in the sustainable development of the region and its integration into the global economy,” is one that is as relevant today as at any time in the Institute’s half-century history. Under the Institute’s new directions and strategies, new opportunities are being pursued, proving the vitality of AIT and the importance of its role in the region.

I feel highly honoured to have been appointed as Chairman of the Board of this great institution, which has a distinguished record of much success and achievement. As reported to the Board following my appointment as Chairman, I pledge to continue in the line and footsteps of what former Chairman Mr. Anand Panyarachun continuously pursued for AIT over the past six years in promoting the integrity, reputation and academic excellence of the Institute.

I wish AIT the very best in the years to come.

Dr. Tej Bunnag
A look back at the past year reveals much to be proud of. It is remarkable to consider what we have accomplished together, despite weathering one of the greatest budgetary challenges in our history. It is an exciting time at AIT, and I am excited by the prospect for a reinvigorated Institute of which its stakeholders can be justifiably proud. The Institute is poising itself to take on its second half century of existence with renewed vigour and a strength that will see its sustainability in the long term. AIT now has a five-year strategic development plan that positions the Institute to meet and exceed the demands of its stakeholders. Additionally, through a new governance and ownership model, the Institute is looking to expand the number and vested interest of those stakeholders and reaffirm its international status.

AIT has the capacity and agility to rapidly mobilize both regional and global networks and partners, collaborating together in research, teaching and development activities. In this regard, we have greatly enhanced our connections to the outside world and to critical constituencies. I cannot emphasize enough how important new means of revenue generation and the development of new educational products will be for the reinvigoration of AIT. We must concentrate our research efforts in a limited number of topics in which it is possible to demonstrate excellence and leadership in the region. So into the future, not only will we be scrutinizing our current offerings for their relevance to prospective students and their financial viability, we will also be exploring innovative offerings geared to the demands of the higher educational market based on the needs of both the public and private sectors. At the same time we must continue pursuing the research and outreach projects that continue to build AIT’s international standing.

As we press on with these important initiatives we will continue to face some daunting obstacles. It is important that we maintain a positive attitude and aim to turn the challenges we face into opportunities as we prepare AIT for the coming years in retaining its position as the leading development graduate school in Asia.

I would also like to take this opportunity to express our gratitude and sincere appreciation to all our partners for their continued support and confidence in the mission of AIT.

Professor Said Irandoust
In the year 2006, AIT faced the greatest budgetary challenge in its history. The operating losses of the Institute in the years 2004 and 2005 had wiped out the entire reserve of the Institute. In order to face the challenge, the Executive Committee of the Board of Trustees and the full Board approved in March/April 2006 the financial action plan proposed by the AIT Administration led by the President. The administration with the help of the entire AIT community quickly implemented the action plan. The actions included: voluntary salary reduction; rightsizing of staff; temporary reduction in the provident fund contribution; extension of work hours; temporary salary freeze; revised tuition fees; reduction in business travel; increased external relations efforts; monthly review of academic operating activities and finances; temporary freeze in capital expenditures; etc. While these measures were implemented, the Institute also pursued revenue generation through innovative new academic programs and additional research and outreach activities. Due to these measures the AIT community had to endure some hardships, but eventually it has paid off. The Institute is now on the right track and on the path to a complete recovery.

Institute Strategic Development Plan

In 2006, the Institute developed its five-year (2006-2010) Strategic Development Plan. This plan lays the groundwork for how AIT intends to accomplish its aims: a new model of Governance, Ownership and Financial Security; Academic Agility and Academic Quality; Thematic Knowledge Areas; Internationality with an Asian Orientation; Sustainable Development; Entrepreneurship and Leadership; Profession Orientation; Grounded Learning and Research; and a streamlined, transparent, and service-oriented Administration.

A legal status as an international institution under the new progressive governance and ownership model will provide long-term financial sustainability through core funding and endowment funds. While AIT will strengthen its Asian orientation, it will use this to attract an increasing number of students from non-Asian countries. AIT will forge forward-looking curricula that tear down the walls of traditional disciplines and will introduce an administrative academic structure that allows academic programs to adapt quickly to new arising demands. At the same time, AIT will introduce a rigorous system of continuous quality control of its academic programs, including formal international accreditation. In order to better address the needs of the private sector and students alike, a new orientation directed toward professions will encourage practical knowledge, experience, fieldwork, internships, and a focus on entrepreneurship, leadership and employability. Research focal areas will be defined to develop greater depth of knowledge in select areas and to attract the most talented faculty and students. New partnerships and closer collaboration with the public and private sectors will strengthen the applied research profile of AIT.

Possible New Ownership Model ñ International Status of AIT

As outlined in the Institute Strategic Development Plan, AIT developed the new governance/ownership concept that would lead to a formal international status. The Ministry of Foreign Affairs of Thailand played an instrumental role on this by advising and assisting AIT in developing the draft charter based on the new governance/ownership model. The finalized charter will completely replace the current AIT charter. Various partner governments will be invited to ratify AITís new charter and hence take part in the new ownership model.

Master Plan for Fund Raising

Under the leadership of Dr. Ir. Khin Ni Ni Thein, Vice President for Development and Resources, a master plan for fund raising was initiated. Mr. Folke Hjalmers, former Director of International Relations at Chalmers University and Senior Advisor to Chalmers IndustriTeknik, who has considerable experience in fund raising and promotional campaigns in the context of universities, was engaged by AIT to assist in the development of the master plan for fund raising.

New Academic Offerings and Initiatives

In 2006 it emerged that the Institute had not sufficiently responded to the increasing competition, changing funding sources and emerging markets in the region. Realizing this and to increase the number of students, a number of new initiatives were undertaken in 2006.

* Professional Master of Engineering in Offshore Technology and Management (OTM) Program

In May 2006, the first interdisciplinary Professional Master of Engineering in Offshore Technology and Management (OTM) program offered by the School of Engineering and Technology (SET) was launched. OTM, a one-year program, was set up specifically to serve staff from the oil and gas industries in Thailand and in the region. The program enables these staff with few years of work experience and who desire to broaden their knowledge in the
related area to obtain a master's degree in a shorter study leave from their job. The first intake was admitted in the August 2006 semester.

- **Nanotechnology Center of Excellence**

Also in the month of May, the Nanotechnology Center of Excellence was opened at AIT focusing on the application of nanoparticles. The center is jointly supported by Thailandís National Nanotechnology Center (NANOTEC) of the National Science and Technology Development Agency, Ministry of Science and Technology, and AIT. The center addresses the creation of knowledge in areas relevant to Thailand, its industries and its people. Activities proposed include joint research with other local and international universities and institutes, education and training personnel in the field of nanotechnology, technology transfer and promotion of public and industrial awareness of nanotechnology.

- **Doctor of Business Administration Program**

The School of Management in October officially launched its Doctor of Business Administration (DBA) program, a professional doctoral program, designed for senior professionals, managers and administrators. The program focuses on the combination of coursework and research investigations, and it intends to create a body of knowledge embedded in practices.

- **Master of Computer Science in Software Engineering**

In order to help address the regionís growing need for software development specialists, the School of Engineering and Technologyís Computer Science and Information Management fields of study launched in October 2006 a new masterís degree in Computer Science with a specialization in Software Engineering. The first intake of students will be in January 2007. The program is particularly aimed at students already having work experience in the software industry.

- **Unified International Bachelor-Master's Degree Programs**

AIT and two universities in India joined hands in offering a five-year unified international bachelor-masterís degree program. To this effect the agreement with Singhania University was signed in November. In December, AIT and Shivaji University reached an agreement on offering a similar program at the International School of Engineering and Technology (ISET) under the university.
Increased Korean Support to AIT

On January 2006, the Government of the Republic of Korea, through the Korea International Cooperation Agency (KOICA) formalized a second generous contribution of US$500,000 to the Korea Endowment Fund at a ceremony held at AIT.

In his opening remarks, AIT President noted that the partnership of Korea and AIT started way back in 1975 when the Korean Government had seconded Korean faculty to AIT through the Ministry of Science and Technology, Korea.

The Korea Endowment Fund, established by the Government of the Republic of Korea in 1981, started with the amount of US$500,000. The Fund, now amounting to US$1,000,000, will be used in financing scholarships for students from developing countries in Asia.

AIT Graduate Applies Cutting-edge Technology to Medical Education

A recent AIT graduate was featured in the 18 January issue of the Bangkok Post for work she began at AIT and continues at Thammasat University's School of Dentistry. Dr. Siriwan Suebnukarn, a new graduate of AIT's Computer Science and Information Management fields of study, School of Engineering and Technology, developed a computer system that helps bring problem-based learning to the masses.

Known as Comet — short for Collaborative Medical Tutoring — the system was developed by Dr. Siriwan during her three years of doctoral study at AIT, under the supervision of Prof. Peter Haddawy, now AIT's Vice President for Academic Affairs.

Comet is computer-assisted problem-based learning where computers take the place of human tutors. The research may help bring problem-based learning to the public and extend the principles of problem-based learning through the use of modern technology.

According to Prof. Haddawy, Comet actually outperformed the traditional learning methods in tests of the system. He says the system is being improved and extended. Two of his current master's degree students - Lehong Hai and Phatthanaphong Chomphuwiset - are developing a system that can even recognize anatomical parts. The system, which is supported by a Royal Thai Government grant, can identify not only organs but also multiple views and different sections of the organs.

Dr. Siriwan says the methodology from Comet is transferable to other areas of medical education.

In a recent development, Dr. Siriwan Suebnukarn received the Thai Inventor's Award from the National Research Council of Thailand on 2 February 2007 at the BITEC Exhibition and Convention Hall, Bangkok. The award was presented by Dr. Theeraphat Serirangsan (below left), from the Prime Minister's Office.

Now that Dr. Siriwan has returned to her faculty position at Thammasat University's School of Dentistry, work is continuing as a collaboration between AIT and Thammasat.
Dr. Tej Bunnag Appointed New Chairman of the AIT Board of Trustees

AITís Board of Trustees at its meeting held in October 2006 unanimously approved the nomination of Dr. Tej Bunnag (above), Vice Chairman of the Board, as the next Chairman of the Board of Trustees. Dr. Tej becomes the sixth chairman. Preceding him were Professor Puey Ungpakorn, Professor Oscar Mapua, H.E. Dr. Thanat Khoman (Chairman Emeritus), M. L. Birabhornse Kasemsri and H.E. Mr. Anand Panyarachun.

A special plaque presentation ceremony was held immediately following the meeting of the Board to felicitate the new chairman as well as to express appreciation to outgoing chairman H.E. Mr. Anand (right photo, right) and trustee Dr. Phaichitr Uathavikul.

H.E. Mr. Anand, in his farewell address, noted that he has been most fortunate to receive the trust and support from members of the Board, AIT leadership and members of the AIT community, which he was confident would also be provided to his successor. He expressed confidence that under the helm of AIT President Said Irandoust, AIT will achieve great strides in the future. He was optimistic about the Instituteís future and remarked that he would always be available to help and assist the Institute in any manner even after leaving the Board.

Professor Irandoust also expressed appreciation to outgoing trustee Dr. Phaichitr Uathavikul (lower photo, right) for his contributions in his capacity as member of the Board, Executive Committee and chairman of the Bye-laws Working Group. Elected to the Board in January 1991, Dr. Phaichitr brought to its affairs a dedication, experience, sagacity and goodwill that served the interests of the Institute outstandingly well throughout his tenure of office.

SECOND CONGRESS OF WORLD AZERB AIJANIS IN BAKU, AZERBAIJAN.

President Ilham Aliyev congratulated recipients, saying, "With your activity you try to ensure alliance of the World Azerbaijanis. Diasporas led by you are very active. They bring together several millions of people. You have given great contributions to the organization of Azeri Diaspora."

"Organizations headed by you possess great power in countries you live," President Aliyev said. "I am sure the works that will be done after this congress will let us possess stronger positions. I wish you success in this mission."

The President of the Republic of Azerbaijan has presented the Medal of Progress to AIT President Prof. Said Irandoust for activity in the field of solidarity of the World Azeris. Prof. Irandoust, a Swedish national and former Vice-Chancellor of the University College of Boras, Sweden from 2001-2005, also worked with one of Swedenís leading University, Chalmers University of Technology, from 1991 to 2000 with the last position as Vice President. He is from an Azerbaijani province in northwest Iran.

He was one of the 28 recipients who was awarded the medal at a March 2006 ceremony in Heydar Aliyev Palace, during the Second Congress of World Azeris in Baku, Azerbaijan.

President Ilham Aliyev congratulated recipients, saying, "With your activity you try to ensure alliance of the World Azerbaijanis. Diasporas led by you are very active. They bring together several millions of people. You have given great contributions to the organization of Azeri Diaspora."

"Organizations headed by you possess great power in countries you live," President Aliyev said. "I am sure the works that will be done after this congress will let us possess stronger positions. I wish you success in this mission."
AIT Student Wins Goldman Environmental Prize

AIT doctoral candidate Yu Xiaogang (below) was presented with one of the world’s most prestigious awards for environmentalism. On April 2006, he and five others received the Goldman Environmental Prize in San Francisco, California, U.S.A.

The prize recognizes individuals for sustained and significant efforts to protect and enhance the natural environment, often at great personal risk. Each winner receives an award of US$125,000, the largest award in the world for grassroots environmentalists. The Goldman Prize views grassroots leaders as those involved in local efforts, where positive change is created through community or citizen participation in the issues that affect them. Through recognizing these individual leaders, the prize seeks to inspire other ordinary people to take extraordinary actions to protect the natural world.

Mr. Yu spent years creating groundbreaking watershed management programs while researching and documenting the socioeconomic impact of dams on Chinese communities. His reports are considered a primary reason that the central government paid additional restitution to villagers displaced by existing dams and now considers social impact assessments for major dam developments.

He holds his master’s degree from AIT and was employed by the Institute from 1993 to 1994 as a research associate in Gender and Development Studies. He is currently enrolled as a doctoral candidate in the same field of the School of Environment, Resources and Development.

The Goldman Environmental Prize was established in 1990 by San Francisco civic leader and philanthropist Richard N. Goldman and his late wife, Rhoda H. Goldman. It has been awarded to 113 people from 67 countries.
their appropriate applications,” Her Royal Highness said in her address to the graduates. “His Majesty the King has always adhered to a scientific approach to development while at the same time drawing upon great lessons from nature. AIT’s mission has always emphasized this important aspect and continuously sought scientific yet practical solutions to development in the region.”

“AIT has made an excellent start along the required path of change so that new opportunities are being opened up with partners in the region and stands poised to embark on an exciting new phase in its development.”

Dr. Sugim Pranoto has been appointed the Interim Director of the new AIT Center in Indonesia located in Bandung, West Java.

Dr. Sugim is a 1982 AIT alumnus of the Human Settlements Development Program and currently the advisor to the Indonesian Minister of Public Works.

Indonesian Ministry of Public Works for providing human resource development. The center will facilitate research and development, consultancy, professional trainings and higher education.

This is AIT’s second international center. The Institute has run a center in Vietnam since 1993.

United Nations University Approved AIT as its Associated Institution

The United Nations University (UNU) council at its 53rd council meeting held in Tokyo approved AIT as a UNU Associated Institution. To this effect AIT and UNU will work closely on the following issues:

• Urban Futures and Mega Cities, which will include guidelines for planning future urban areas and ensuring a pleasant and secure urban environment as well as managing present day mega cities.

• Water Management, which will include managing water in the Mekong River Basin and becoming a center of excellence for persistent organic pollutants.

• Online education and information dissemination, which will include programs for developing and delivering online courses and course modules; the integration of information related to the environment by leveraging each institution’s strengths and network partner activities; biodiplomacy, which will deal with biosafety and the safe use of biotechnology; and research on online participatory analysis and application training as part of capacity development.

For AIT, this cooperation offers possibilities to hold joint research projects, conferences, symposia and training programs. This cooperation will strengthen AIT’s role as a leading institute committed to sustainable development of Asian region. Dr. Srikantha Herath, AIT alumnus and Senior Academic Programme Officer, Environment and Sustainable Development, UNU played an instrumental role on bringing this partnership to fruition with support from Prof. Hans van Ginkel, Rector, UNU, who also served as the Vice Chairman of the AIT Board of Trustees.

From the AIT side, Prof. Ajit Annachhatre, coordinated the initiative.
Honorary AIT Alumnus Receives Nobel Peace Prize

Prof. Muhammad Yunus was awarded the Nobel Peace Prize in October 2006. He and the Grameen Bank he founded in Bangladesh were awarded the prize for their efforts to create economic and social development.

“Lasting peace can not be achieved unless large population groups find ways in which to break out of poverty. Micro-credit is one such means. Development from below also serves to advance democracy and human rights,” the Norwegian Nominating Committee stated.

Wireless iDUMBO Turns Ordinary Laptops, PDAs into Life-saving Network

AIT held a public demonstration of a new mobile wireless network for use on an ad hoc basis, such as after a natural disaster when a fixed network infrastructure is not available or has been destroyed. The demonstration took place at IntERLab on AIT's Pathumthani campus in December 2006.

Known as Project DUMBO, it stands for Digital Ubiquitous Mobile Broadband OLSR. (OLSR is a networking term meaning Optimized Link State Routing.) For demonstration purposes, the event featured live satellite broadcast of research activities from the DUMBO networks at two elephant camps in Phuket, Thailand.

A mobile ad hoc network (MANET) consists of mobile nodes that cooperate to support the exchange of information among the nodes through the wireless medium. Since they do not rely on fixed telecommunication infrastructure, MANETs are suitable for emergency situations and can be set up within relatively short time and with little effort. With mobile nodes, the network can be stretched out or extended to penetrate deeper into areas not easily accessible by roads.

During the demonstration, a computer user riding on a moving elephant served as a mobile node relaying traffic to other mobile nodes on other elephants in the disaster areas. Communications between mobile ad hoc networks in different disaster sites can be established using wireless satellite connections, which in turn are connected through the normal Internet.

AIT Career Center Launched in November 2006

AIT launched the Career Center in November 2006 to assist AIT students, staff members and alumni in making informed decisions by providing the resources, programs and counseling that will lead them to different career options, internship opportunities, part-time (on and off-campus) jobs, exchange programs and options for further education.

The Center's services revolve around career advising and placement, student assistantship/internship guidance and further studies and exchange program counseling.
Vietnam Bestows Friendship Order to AIT

On behalf of the President of Vietnam, H.E. Prof. Banh Tien Long (*left photo, left*), Vice Minister, Ministry of Education and Training presented the Friendship Order to the Asian Institute of Technology (AIT) at AITís 106th Graduation Ceremony held in December 2006 at the AIT Conference Center auditorium.

The Friendship Order is the highest award given in the area of international relations and is presented to foreign institutions and persons that have contributed to human resource training for Vietnam, and to the development of friendly relations between Vietnam and other countries.

Prof. Said Irandoust, AIT President, received the award on behalf of AIT.

In this emergency network, the mobile nodes can communicate directly among themselves using voice over IP (VoIP) and SMS messages. Streaming video can be sent from each node to the central coordination unit, which can then broadcast to all nodes in the network. The central unit can be located either in the disaster area or anywhere in the Internet. In addition, sensors will be deployed to measure environmental data such as temperature. Data from sensors will be sent to the central unit and then broadcast to all the nodes.

The idea of project DUMBO is to turn ordinary computers, such as laptops and PDAs, to network devices without having to acquire special hardware. Hence any guest computer, with simple software installation and configuration, can join in and be a part of the DUMBO network. Experiences and experimental results obtained from this project will provide feedback for further enhancement of related network and application protocols for emergency situations.

Project DUMBO is a collaboration among three main research groups: the IntERLab at the Asian Institute of Technology, INRIA (France), and the WIDE Project (Japan) together with other technical partners and sponsors.

AIT Demonstrates Thailandís First Unmanned Intelligent Vehicle

Thailandís first unmanned intelligent vehicle was successfully demonstrated at AIT campus in November 2006 after a press conference on Thailand Intelligent Vehicle Challenge (TIVC), jointly organized by AIT, Thai Robotics Society (TRS), and Seagate Technology (Thailand) Ltd. The Intelligent Vehicle Challenge is a competition of unmanned vehicles which have to drive automatically in a selected road. The vehicles must be capable of avoiding obstacles and following traffic signs.

The demonstration showed a prototype unmanned intelligent vehicle developed by AITís Mechatronics field of study, School of Engineering and Technology. The vehicle tracked on straight and s-curve roads from the AIT cafeteria junction to the playground next to ST4 building.

The vehicle is a golf car donated by Tiger Company. It is equipped with a digital camera in the front which spots the border line in the middle of the road and then sends the processed data about relative position and orientation of the vehicle with respect to the road to a computer notebook at the back of the car. The Machine Vision system was developed to control the carís movement and direction by automatically directing the car whether it should turn left, turn right, or stop, depending on the condition of the road.

According to Dr. Manukid Parnichkun (*seen above with the prototype*), project leader, this prototype of intelligent vehicle can run at 3.6 km/hr, which is still far from the target speed of 60 km/h. It will be further equipped with various forms of sensors such as sonar, and laser sensors to monitor obstacles, and GPS to monitor its latitude and longitude position in order to be used along with regular vehicles in normal road in the future.

The project is a joint cooperation among several institutions and universities.
The year 2006 was a year of academic transition. Several policies were reviewed and measures geared towards quality enhancement were implemented.

The Academic Program Review Policy & Procedure that provides for a systematic review of all academic programs at AIT was put in place. The review is designed to evaluate quality, mission compatibility, and viability of the programs. To be conducted every four years, the review requires each program to prepare a self study document and involves external reviewers.

The Policy and Procedure for Evaluation of Faculty for Appointment, Contract Renewal, and Promotion was completely revised and implemented in June 2006. The new policy provides for greater consistency and transparency of the process and introduces new criteria that are in line with the Institute’s strategic development plan and with the need to improve the financial health of the Institute. A new policy on Peer Teaching Review was introduced and the Schools are now beginning to move forward on its implementation.

The financial data for the past five years (2002 to 2006) and enrollment data for the past four years (2003 to 2006) for each school and field-of-study were compiled. They formed the basis for the Financial Review of Academic Programs. Programs with a history of repeated annual deficits or with continuously dropping enrollments were identified and meetings were held to discuss necessary actions.

The Credit Policy was modified and among other stipulations, the policy guides students on penalties that will be levied for outstanding and unpaid fees.

The Policy and Procedure on Rescheduling Classes and Exams was adopted. The policy was reviewed to ensure that the quality of teaching is supported by keeping regular teaching and examination schedules.

The Dismissal Policy for Doctoral Students adopted ensures that a doctoral student/candidate on probation due to non-submission of progress report in the previous semester will face dismissal if no progress is submitted by the end of the current semester.

The students dismissed by the Academic Senate but who were allowed to continue with certain conditions following their appeal to a tribunal, would be automatically dismissed without any discussion in the Academic Senate and without privilege to re-appeal, if they fail to fulfill the conditions set by the tribunal for the continuation of their study.

The doctoral student would be allowed to choose the Doctoral Degree Title between PhD and D’TechSc. However, DEng can be given to students with engineering background only. The promotional materials would specifically mention that AIT offers PhD, D’TechSc, and DEng.

The Affiliated Faculty status was re-introduced, and could be granted to AIT staff members who are eligible to teach or co-teach courses, without cost to AIT, as recognition of their contribution to the academic activities of the Institute. The policy on Affiliated Faculty provides a formal mechanism for staff members to participate in teaching, student research supervision, and Academic Senate discussions.

The new initiatives/programs established were as follows:

- One-year Professional Master’s Degree Program in Offshore Technology & Management (OTM)
- New area of specialization in “Software Engineering”
- New area of specialization in “Automotive Manufacturing Engineering”
- Seven month Certificate Program in “Rapid Product Realization”
- MBA Coursework-only Option
- Professional Doctoral Degree (DBA) Program

Deliberations on Guidelines for Transfer of Credits to AIT were initiated. The guidelines will facilitate student movement between institutions whereby credit already achieved in another institution is recognized towards a degree at AIT.
The **Guidelines for the Introduction of New Academic Programs** were drafted and are currently being finalized.

The Policy and Procedure that will permit **doctoral students to co-teach** certain portions of courses as soon as they have completed their advancement to candidacy examination is being formalized.

Faculty fora to discuss new program ideas were organized, and task forces for new academic programs have been established.
Admissions, scholarships and enrollment processes were overhauled in 2006. These reforms enabled the implementation of the following.

**Online Application System**: A system was deployed in November 2006 that permits applicants to apply to AIT over the web. With the online system, applicants are able to upload admission documents via the web. They are also given access to their files to view the status of their application.

The development of the internal processing component of the system that includes evaluation of the applicants by faculty and schools is underway. With the enhanced system, automation of admissions data entry and routine checks will ultimately lead to paperless processing. The final version of the system will include decision support modules to help with admissions decisions and to help optimize use of fellowships.

**Admission Tracking and Fellowship Monitoring System**: Real-time monitoring of applications and admissions was implemented in April 2006. Integrated in this is a system that allows real-time monitoring and simulation of fellowship offers. The fellowship reporting segment of the system aids schools in monitoring the tuition discount level offered by each field of study.

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**CAREER CENTER@AIT: A MILESTONE**

The launching of the Career Center@AIT by the Student Office in November 2006 was an institute milestone. Envisioned not only to serve students and alumni, the Center is a useful link for companies to access the Instituteís yearly pool of 700 masterís and doctoral graduates and its 15,000 alumni in 79 countries around the world.

Through the Center, companies are given the opportunity to connect with AIT students seeking employment and internships. The Centerís sophisticated web site [www.careercenter.ait.ac.th](http://www.careercenter.ait.ac.th) allows organizations to upload job postings and receive email alerts when applications are submitted in response. Vice versa, the Center provides a venue where AIT community members hook up with professionals through many of its indus-
and indicates when the level exceeds agreed-upon limits.

**Enrollment Management:** A system for tuition revenue stream projection was added to the current Student Information System. With this facility, the system is able to provide projections of future tuition revenues to be obtained from students currently enrolled. The newest feature of the system provides analysis of sources of tuition revenue (i.e. scholarships, external support, self-paying students, or fellowships).

**Institute Scholarship Allocation Guidelines.** The allocation of scholarships was revisited in 2006. Under the new set of guidelines, the following measures are implemented: (a) open competition to select strongest candidates and to break down segregation and encourage innovative interdisciplinary approaches to problems; (b) greater transparency through disclosure of guidelines and use of institute committees of experts; (c) reward activity that brings in funding; and (d) reward programs that achieve accreditation or pass academic program review.

**English Language Proficiency.** A new policy on student English language proficiency was introduced in 2006. This was accompanied by increased support for English language skills development. These initiatives include: (a) requiring proof of English language proficiency corresponding to a minimum TOEFL score of 500 for admission; (b) requiring a level of English proficiency approximately equal to a TOEFL score of 550 before graduation; and (c) complementing regular courses with intensive summer and regular-semester English courses that are necessary to upgrade students’ level of proficiency throughout the duration of their study program.

**Admissions Follow-Up.** In order to help ensure a robust enrollment and to gather information to improve the admissions process and for use in recruitment, the Student Office, assisted by student volunteers, used email and telephone to follow up with all applicants who had not yet accepted the AIT offer of admission. The activity, which took place in July 2006, allowed contacts to a total of 800 applicants. Response among those contacted was very positive — not only did they appreciate the personal attention and demonstration of care but many of those contacted revealed an easier adjustment period by having the same volunteers lead their way in the first few weeks after their arrival at AIT.

One of its core activities is the holding of the bi-annual Career Fairs in November and March. At its launching on 24 November 2006, the Center attracted 26 multinational companies. These fairs not only lead to job or internship placements but also provide a platform for AIT faculty and staff to collaborate with organizations for research endeavors.

The addition and integration of the Career Center®AIT under the Student Office facilitated student services to become more holistic. The Center is paving the way by which the Student Office is slowly achieving its vision of becoming a truly one-stop-student center.
ENROLLMENT TRENDS

January 2005 versus January 2006

The enrollment data for January 2005 versus January 2006 is shown in Table 1. Although the applications reduced by 20% in January 2006 (from 550 to 441), the percentage of enrollment in terms of total headcount significantly increased from 46% to 54%. This is effectively complemented by the increase in the actual number of fee-paying students, which rose from 98 in January 2005 to 121 in January 2006. Overall, there was an increase of 22 full-fee equivalent students in January 2006 than in January 2005.

Table 1: INTAKE STATISTICS (January 2005 versus January 2006)

<table>
<thead>
<tr>
<th>AIT overall</th>
<th>Applications</th>
<th>Offers</th>
<th>Enrolled</th>
<th>Percent Enrolment</th>
<th>Fee-paying Enrolled</th>
<th>Difference (%)</th>
<th>Discount Rate</th>
<th>FFE</th>
<th>Difference (FFE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan-05</td>
<td>550</td>
<td>395</td>
<td>182</td>
<td>46%</td>
<td>98</td>
<td></td>
<td>9.65%</td>
<td>89</td>
<td></td>
</tr>
<tr>
<td>Jan-06</td>
<td>441</td>
<td>289</td>
<td>155</td>
<td>54%</td>
<td>121</td>
<td>23%</td>
<td>8.51%</td>
<td>111</td>
<td>22</td>
</tr>
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</table>

School of Engineering and Technology (SET)

<table>
<thead>
<tr>
<th>AIT overall</th>
<th>Applications</th>
<th>Offers</th>
<th>Enrolled</th>
<th>Percent Enrolment</th>
<th>Fee-paying Enrolled</th>
<th>Difference (%)</th>
<th>Discount Rate</th>
<th>FFE</th>
<th>Difference (FFE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan-05</td>
<td>156</td>
<td>114</td>
<td>44</td>
<td>39%</td>
<td>31</td>
<td></td>
<td>19.76%</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Jan-06</td>
<td>130</td>
<td>85</td>
<td>27</td>
<td>32%</td>
<td>23</td>
<td>-26%</td>
<td>12.14%</td>
<td>20</td>
<td>-5</td>
</tr>
</tbody>
</table>

School of Engineering, Development and Resources (SERD)

<table>
<thead>
<tr>
<th>AIT overall</th>
<th>Applications</th>
<th>Offers</th>
<th>Enrolled</th>
<th>Percent Enrolment</th>
<th>Fee-paying Enrolled</th>
<th>Difference (%)</th>
<th>Discount Rate</th>
<th>FFE</th>
<th>Difference (FFE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan-05</td>
<td>325</td>
<td>221</td>
<td>87</td>
<td>39%</td>
<td>44</td>
<td></td>
<td>7.38%</td>
<td>41</td>
<td></td>
</tr>
<tr>
<td>Jan-06</td>
<td>216</td>
<td>123</td>
<td>61</td>
<td>50%</td>
<td>45</td>
<td>2%</td>
<td>16.67%</td>
<td>37</td>
<td>-4</td>
</tr>
</tbody>
</table>

School of Management (SOM)

<table>
<thead>
<tr>
<th>AIT overall</th>
<th>Applications</th>
<th>Offers</th>
<th>Enrolled</th>
<th>Percent Enrolment</th>
<th>Fee-paying Enrolled</th>
<th>Difference (%)</th>
<th>Discount Rate</th>
<th>FFE</th>
<th>Difference (FFE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan-05</td>
<td>69</td>
<td>60</td>
<td>51</td>
<td>85%</td>
<td>23</td>
<td></td>
<td>0.00%</td>
<td>23</td>
<td></td>
</tr>
<tr>
<td>Jan-06</td>
<td>95</td>
<td>81</td>
<td>67</td>
<td>83%</td>
<td>53</td>
<td>130%</td>
<td>0.00%</td>
<td>53</td>
<td>30</td>
</tr>
</tbody>
</table>

Notes:
1. Fee-Paying Enrolled: refers to the headcount of students paying full or partial AIT fees (registration and tuition fees)
2. Discount Rate: refers to the average discount each fee-paying student receives; discount is given in the form of credit fellowships
3. FFE: refers to the Full-Fee Equivalent of all fee-paying enrolled students (e.g. 1 FFE = 1 student paying the full fees of 48 credits)

In order to help ensure a robust enrollment, the Student Office used email and telephone to follow up with all applicants who had not yet accepted the AIT offer of admission. Response among those contacted was very positive – not only did they appreciate the personal attention and demonstration of care but many of those contacted revealed an easier adjustment period.
August 2005 versus August 2006

The admissions data for August 2006 versus August 2005 is shown in Table 2. In August 2006, the Institute received 1,828 applications, which is down 46% from August 2005. A significant drop was mainly due to the intended effect of the imposition of the application processing fee. The other effect expected was the significant increase in the percentage of students accepting the offer of admission. This was, in fact, what happened with an increase of acceptance rate from 27% in August 2005 to 44% in August 2006. Due to the increase in tuition and fees and the limit on tuition discounts, it was also expected for the Institute to witness a reduction in enrollment. The number of non-exchange students (fee-paying enrolled) in August 2006 is 599, which is a drop of 11% from the figure of 672 in August 2005. On the surface such a large drop in enrollment could be a reason for concern. However, due to a lower discount rate of 14.56% in August 2006 versus 18.83% in August 2005 combined with a 14% increase in tuition, the full-fee equivalent enrollment is actually 33 students more in August 2006 than in August 2005. It is also worth noting that the average percentage tuition paid by a self-paying student increased from 18% in August 2005 to 20% in August 2006.

Table 2: INTAKE STATISTICS (August 2005 versus August 2006)

| AIT overall | Applications | Offers | Enrolled | Percent | Fee-paying Enrolled | Difference (%) | Discount Rate | Tuition Factor | Aug. 2006 FFE | Difference (FFE) |
|-------------|--------------|--------|----------|---------|--------------------|----------------|--------------|---------------|----------------|----------------|----------------|
| Aug-05      | 3,395        | 2,946  | 793      | 27%     | 672                | 18.83%         | 1            | 478           |                |                |
| Aug-06      | 1,828        | 1,599  | 702      | 44%     | 599                | -11%           | 14.56%       | 1.14          | 512            | 33             |

School of Engineering and Technology (SET)

| Aug-05 | 1,250 | 1,119 | 291 | 26% | 283 | 20.43% | 1 | 198 |
| Aug-06 | 614   | 572   | 245 | 43% | 246 | -13%   | 12.44% | 1.14 | 215 | 18 |

School of Engineering, Development and Resources (SERD)

| Aug-05 | 1,567 | 1,386 | 290 | 21% | 276 | 17.68% | 1 | 199 |
| Aug-06 | 775   | 648   | 240 | 37% | 234 | -15%   | 17.79% | 1.14 | 192 | -7 |

School of Management (SOM)

| Aug-05 | 578   | 441   | 212 | 48% | 113 | 17.65% | 1 | 82 |
| Aug-06 | 439   | 379   | 217 | 57% | 119 | 5%     | 12.61% | 1.14 | 104 | 22 |

Notes:
1. Fee-Paying Enrolled: refers to the headcount of students paying full or partial AIT fees (registration and tuition fees)
2. Discount Rate: refers to the average discount each fee-paying student receives; discount is given in the form of credit fellowships
3. Tuition Factor: In August 2006, the Institute increased tuition fees by 14%.
4. Aug. 2006 FFE: refers to the Full-Fee Equivalent of all fee-paying enrolled students based on Aug. 2006 fees (e.g. 1 FFE = 1 student paying the full fees of 48 credits).

To summarize, as a result of the new policies, the Institute has been able to generate more tuition revenue with fewer students while at the same time increasing admission standards. Fewer students mean that faculty members are able to devote more attention to students, resulting in a higher quality of education. Faculty members are also able to focus more on teaching substantive course content and less on problems of communicating with students in English.
# 2006 TOTAL ENROLLMENT

## By School and Degree Program

<table>
<thead>
<tr>
<th>School of Engineering and Technology (SET)</th>
<th>January 2006 Semester</th>
<th>August 2006 Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>By Degree Program</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>† Masterís</td>
<td>179</td>
<td>179</td>
</tr>
<tr>
<td>† Diploma</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Total (Degree programs)</td>
<td>683</td>
<td>669</td>
</tr>
<tr>
<td><strong>Other Programs:</strong></td>
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<td></td>
</tr>
<tr>
<td>† CAS</td>
<td>28</td>
<td>23</td>
</tr>
<tr>
<td>† Certificate</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>† Special/Exchange</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Total (Other programs)</td>
<td>36</td>
<td>27</td>
</tr>
<tr>
<td>SET Total</td>
<td>719</td>
<td>696</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>School of Environment, Resources and Development (SERD)</th>
<th>January 2006 Semester</th>
<th>August 2006 Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>By Degree Program:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>† Doctoral</td>
<td>233</td>
<td>251</td>
</tr>
<tr>
<td>† Masterís</td>
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<td>484</td>
</tr>
<tr>
<td>† Diploma</td>
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<td>†</td>
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<tr>
<td>Total (Degree programs)</td>
<td>733</td>
<td>735</td>
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<td><strong>Other Programs:</strong></td>
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<td>†</td>
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<td>- CAS</td>
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<td>12</td>
</tr>
<tr>
<td>- Bridging</td>
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<td>8</td>
</tr>
<tr>
<td>- Certificate</td>
<td>9</td>
<td>8</td>
</tr>
<tr>
<td>- Special/Exchange</td>
<td>19</td>
<td>5</td>
</tr>
<tr>
<td>- Research Fellows</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>- Post Doctoral</td>
<td>2</td>
<td>1</td>
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<tr>
<td>Total (Other programs)</td>
<td>48</td>
<td>27</td>
</tr>
<tr>
<td>SERD Total</td>
<td>781</td>
<td>762</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>School of Management (SOM)</th>
<th>January 2006 Semester</th>
<th>August 2006 Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>By Degree Program:</strong></td>
<td>†</td>
<td>†</td>
</tr>
<tr>
<td>† Doctoral</td>
<td>66</td>
<td>86</td>
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<tr>
<td>† Masterís</td>
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<td>414</td>
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<tr>
<td>† Diploma</td>
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<tr>
<td>Total (Degree programs)</td>
<td>450</td>
<td>501</td>
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<tr>
<td><strong>Other Programs:</strong></td>
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<td>7</td>
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<tr>
<td>- Certificate</td>
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<tr>
<td>- Special/Exchange</td>
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<td>27</td>
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<tr>
<td>Total (Other programs)</td>
<td>21</td>
<td>37</td>
</tr>
<tr>
<td>SOM Total</td>
<td>471</td>
<td>538</td>
</tr>
</tbody>
</table>

<p>| Overall Total                                            | 1,971                 | 1,996                |</p>
<table>
<thead>
<tr>
<th>Region</th>
<th>January 2006 Semester</th>
<th>August 2006 Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Southeast Asia</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cambodia</td>
<td>64</td>
<td>54</td>
</tr>
<tr>
<td>Indonesia</td>
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<td>46</td>
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<tr>
<td>Laos</td>
<td>68</td>
<td>65</td>
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<tr>
<td>Malaysia</td>
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<td>7</td>
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<tr>
<td>Myanmar</td>
<td>80</td>
<td>67</td>
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<tr>
<td>Philippines</td>
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<tr>
<td>Thailand</td>
<td>708</td>
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<tr>
<td>Vietnam</td>
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<td><strong>Central Asia</strong></td>
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<tr>
<td>Uzbekistan</td>
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<tr>
<td><strong>South Asia and West Asia</strong></td>
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</tr>
<tr>
<td>Bangladesh</td>
<td>80</td>
<td>59</td>
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<td>Bhutan</td>
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<td>India</td>
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<tr>
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<td>Togo</td>
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<td><strong>Tibetan Living in India</strong></td>
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<tr>
<td>1</td>
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<td>1</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>1,971</td>
<td>1,996</td>
</tr>
</tbody>
</table>
Held for the first time in AIT's history, Professor Sudip K. Rakshit, VP - Research, with funding support from the Y. P. Singhania Group from India, organized the AIT Master's Theses Competition on 21 May 2006. Competition categories were: Energy and Environment; Resources; Development; Information & Communications Technologies; Industrial Systems & Engineering; Civil Engineering; and Management.

Recipients of the Y. P. Singhania AIT Master's Thesis Prizes were as follows:

- Laricar Dominic Ortega Trani
- Syed Hassan Mujtaba Jafri
- Rittick Borah
- Nguyen Minh Thu
- Punyatoya Mohapattra
- Shradhha Shah
- Pye Soe Thu Zar

Speaking at the 106th graduation ceremony on 15 December 2006, Dr. Tej Bunnag, Chairman of the AIT Board of Trustees, urged graduates to remain committed to the values espoused by AIT.

"Graduands, a convocation is an extremely important day in the life of a student. Each of you stand today at a new threshold in your life. Here, in this great institution, you have imbibed the values and skills needed to deal with the world outside. Some of you may have been trained to enter

---

### 2006 Graduates by Country of Origin

<table>
<thead>
<tr>
<th>Region</th>
<th>May</th>
<th>Aug</th>
<th>Sep</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Southeast Asia</td>
<td>354</td>
<td>21</td>
<td>13</td>
<td>127</td>
</tr>
<tr>
<td>Cambodia</td>
<td>24</td>
<td>2</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Indonesia</td>
<td>11</td>
<td>1</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Laos</td>
<td>19</td>
<td>1</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Malaysia</td>
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<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
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<td>39</td>
<td>1</td>
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<td>Rwanda</td>
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<td><strong>TOTAL</strong></td>
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<td>36</td>
<td>14</td>
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### 2006 Graduates by School

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<th>Aug</th>
<th>Sep</th>
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<td>SAT</td>
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### 2006 Graduates by Degree Program

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<td>D.Eng</td>
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Mr. Trani (right) defends his plight during the 1st Y. P. Singhania-AIT Master’s Thesis competition held in May 2006.

Y. P. Singhania AIT Master’s Thesis Awardees

Held for the first time in AIT’s history, Professor Sudip K. Rakshit, VP - Research, with funding support from the Y. P. Singhania Group from India, organized the AIT Master’s Theses Competition on 21 May 2006. Competition categories were: Energy and Environment; Resources; Development; Information & Communications Technologies; Industrial Systems & Engineering; Civil Engineering; and Management. Recipients of the Y. P. Singhania AIT Master’s Thesis Prizes were as follows:

- Laricar Dominic Ortega Trani
- Syed Hassan Mujtaba Jafri
- Rittick Borah
- Nguyen Minh Thu
- Punyatoya Mohapattra
- Shradhha Shah
- Pye Soe Thu Zar
the private sector, while others may aim to work in the public sector or non-governmental organizations. These are not different worlds, for I strongly believe they are united in their commitment to improve the lives and livelihoods of people.

Whatever walk of life you may pursue, you will find that a commitment to excellence, to justice and fair play, to hard work and team spirit will stand you in good stead.

I urge you, dear graduands, to remain committed to the values espoused by AIT.î

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**May 2006 (Batch 105) Awardees**

- **Md. Zeenatul Basher A.M. Shahabuddin**
  (AARM @ SERD) Bangladesh
  Chintana Boonthamjinda Memorial Prize

- **Prithula Dhungel**
  (CS @ SET) Nepal
  Hisamatsu Prize

- **Luong Viet Phong**
  (IM @ SET) Vietnam
  The James A. Linen III Memorial Prize

- **Manavit Vinaipanit**
  (IEM @ SET) Thailand
  The Tim Kendall Memorial Prize

- **Umesh Phuyal**
  (ICT @ SET) Nepal
  The Yoshiro Takasaki Prize

- **Nguyen Quang Kanh**
  (Mechatronics @ SET) Vietnam
  The Werner Von Siemens Excellence Award

- **Syed Hassan Mujtaba Jafri**
  (Microelectronics @ SET) Pakistan
  The Infineon Prize

- **Jiang Fenghuan**
  (RSGIS @ SET) P.R. China
  John A. Hrones Prize

- **Pham Tran Tung**
  (TC @ SET) Vietnam
  The Sonera Prize

- **Sivasothy Senthuran**
  (TC @ SET) Sri Lanka
  The Wireless Personal Multimedia (WPMC) Prize

- **Rojee Suwal**
  (NRM @ SERD) Nepal
  The Shoichiro Takasaki Prize

- **Muhammad Afzal**
  (CEIM @ SET) Pakistan
  The Mahesh Varma Prize

- **Anil Bhandari**
  (GTE @ SET) Nepal
  The Chin Fung Kee Prize

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**Le Tien Dung**
(PPT @ SERD) Vietnam
Sukum Navapan Prize

**Aryuwaht Pratumsa**
(RRDP @ SERD) Thailand
James A. Linen III Memorial Prize

**Nguyen Minh Thu**
(UEM @ SERD) Vietnam
The John A. Hrones Prize

**Ashish Narayanan**
(IB @ SOM) India
The Wilhelm Hill Prize

**Manavit Vinaipanit**

**Nguyen Quang Khanh**

**Pham Tran Tung**

**Muhammad Afzal**

**Anil Bhandari**

**Noorma Shrestha**
(SE @ SET) Nepal
The Aoyagi Prize
The Hiromichi Seya Prize

**Fayyaz Mahmood Qadir**, Pakistan
Mr. Taqsim Husnain, Bangladesh
(TE @ SET)
The Barbara and John Hughes Prize

**Nisha Budhatihoki**
(WEM @ SET) Nepal
The Chainarong Na Lamphun Prize

**Lokhanda Suresh Bajirao**, India
Mwumvaneza Valens, Rwanda
Willoram Mudiyanelsage Ratnayake, Sri Lanka
(ASE @ SERD)
The Y.Y. Kishida Prize

**A.M.C.J. Angammana**
(Energy @ SERD) Sri Lanka
The Yoshiro Takasaki Prize

**Nguyen Quang Hung**
(EEM @ SERD) Vietnam
The Robert B. Banks Prize

**Siriprapa Soothiboon**
(FEBT @ SERD) Thailand
The Albert Stevens Prize

**Felma Joy I. Tadios**
(GDS @ SERD) Philippines
The Alastair M. North Prize

**Rojee Suwal**, Nepal
Devi Chandra Pokhrel, Nepal
Md. Humayun Kabir, Bangladesh
Md. Ruhul Amin, Bangladesh
(NRM @ SERD)
The Tim Kendall Memorial Prize

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**December 2006 (Batch 106) Awardees**

- **Panupong Piyawongsomboon**
  (MOT @ SOM) Thailand
  The John A. Hrones Prize
  The AITAA Prize

- **Nguyen Thi Kieu Qanh**
  (IPM @ SOM) Vietnam
  The Tim Kendall Memorial Prize

- **Sanjay Bhatnagar**, India
  Mr. Sameer Prasad, India
  (EMBA @ SOM)
  Thyssen Budd Automotive Prize
The Asian Institute of Technology (AIT), with almost 50 years of service, is proud to have taken a leading role in the capacity building and human resource development of the Asia-Pacific region. As of December 2006, AIT has graduated 14,769 young professionals from 79 countries and territories.

Pursuant to the new administrative structure, the Alumni Relations Office was renamed as Alumni Relations Unit (ARU) under the External Relations and Communications Office (ERCO) in February 2006. ARU works with the AIT Alumni Association (AITAA) Mother Chapter and its National Chapters and alumni at large to jointly promote AIT’s academic programs as well as launch new initiatives that would contribute to the long term viability/sustainability of the Institute.

In order to keep the alumni body informed, the quarterly AIT Alumni Newsletter (Electronic Version) launched in June 2002 continued to be published. ARU has also maintained a mailing list, alumnibody@ait.ac.th, with over 9,200 active e-mail addresses of alumni.

Alumni Distribution by Nationality (as of December 2006)

<table>
<thead>
<tr>
<th>Region</th>
<th>Countries</th>
<th>Alumni</th>
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<tbody>
<tr>
<td>Southeast Asia</td>
<td>Brunei Darussalam 10 Cambodia 288 Indonesia 590 Laos 224 Malaysia 301 Myanmar 436 Philippines 864 Singapore 29 Thailand 3664 Vietnam 1837</td>
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<td>Central Asia</td>
<td>Iran 22 Kazakhstan 14 Kyrgyzstan 10 Tajikistan 1 Uzbekistan 3</td>
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<tr>
<td>South Asia and West Asia</td>
<td>Afghanistan 19 Bangladesh 874 Bhutan 58 India 851 Maldives 5 Nepal 831 Pakistan 675 Sri Lanka 764 Stateless 6</td>
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<td>Pacific</td>
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<tr>
<td>Europe</td>
<td>Austria 2 Azerbaijan 5 Belgium 12 Bolivia 1 Bulgaria 1 Denmark 10 Finland 18 France 121 Germany 25 Honduras 1 Italy 4 Luxemburg 1 Netherlands 7 Norway 3 Poland 1 Portugal 2 Spain 9 Sweden 3 Switzerland 2 Turkey 6 UK 4</td>
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<tr>
<td>North and South Americas</td>
<td>Argentina 1 Canada 10 Bolivia 2 Honduras 1 Peru 1 USA 18 Venezuela 1</td>
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<tr>
<td>Africa</td>
<td>Cameroon 1 Egypt 2 Ethiopia 12 Ghana 2 Kenya 4 Malawi 5 Morocco 1 Mozambique 1 Nigeria 4 Rwanda 1 Tanzania 8 Zambia 1</td>
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<tr>
<td>Sub-total</td>
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<td>14,769</td>
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</table>

The AIT Alumni Association (AITAA) Lao PDR in cooperation with the AITAA Mother Chapter hosted the 35th AITAA Governing Board Meeting (GBM). The meeting was held on 10 December 2006 in Vientiane, Lao PDR.

At the meeting, Dr. Ir. Khin Ni Ni Thein (above left), Vice President for Development and Resources read out the AIT President’s message to the participants. She also presented and described the Master Plan’s global strategy, complementary activities, multi-tracked major campaign, essential elements for fund raising, annual fund raising, institutional goodreads and others. Following VP Dr. Ir. Thein’s address, the AITAA Mother Chapter and National Chapter presidents and representatives presented their respective Chapter’s reports; discussed AITAA issues, alumni matters, the AIT landmark project and other related matters.

Attendees in the event were President and Executive Committee Members of AITAA (Mother Chapter), Presidents and Representatives of 15 National Chapters (Bangladesh, Cambodia, India, Indonesia, Korea, Lao PDR, Myanmar, Nepal, Pakistan, Philippines, Singapore, Sri Lanka, Taiwan, Thailand, and Vietnam). The AIT delegation comprised of 5 members including two Vice Presidents - Vice President for External Relations & Vice President for Development and Resources.

The 36th AITAA GBM in 2007 will be hosted by the AITAA-Sri Lanka Chapter.
Alumni Distribution by School

SAT & SCE were combined as SET in August 2005.

Alumni Distribution by Degree

SAT & SCE were combined as SET in August 2005.

Alumni Distribution by Gender (1961-December 2006)
AIT Faculty Receives IGS Achievement Award

The International Geosynthetics Society (IGS) on 22 September 2006, through a nomination of the IGS Thailand Chapter, awarded the IGS Achievement Award, a new category of award introduced by the IGS Council, to Prof. Dennes T. Bergado (right photo, second from left) of the School of Engineering and Technology.

Prof. Bergado was recognized for his contributions to IGS Thailand Chapter and IGS activities as well as for research and application of geosynthetic products. The award was presented at a special ceremony at the IGS General Assembly of the 8th International Conference on Geosynthetics in Yokohama, Japan.

The award tops up as one of Prof. Bergado’s international awards and accomplishments having been a recent Philippines “Balik Scientist” Awardee in 2004.

New Professors Installed

Prof. Nazrul Islam (above) of the School of Management and Prof. Ganesh Shivakoti (left) of the School of Environment, Resources and Development were installed as new Professors.

Prof. Nazrul Islam of the Management of Technology field of study has been associated with the Institute since September 1998. His major areas of specialization are management of technology, technology and development, technology policy and technology transfer.

Prof. Ganesh P. Shivakoti of the Natural Resources Management and the Agricultural Systems and Engineering fields of study, School of Environment, Resources and Development has been associated with the Institute since August 1998. His major areas of specialization include farming system economics, common property resources, institutions and policies related to water, land and forestry, and population and environment relationship.

AIT Faculty and Alumnus Receive Most Outstanding Award on Vetiver

Her Royal Highness Princess Maha Chakri Sirindhorn on 23 October 2006 graciously presented awards to an AIT faculty member and an AIT alumnus in Caracas, Venezuela. The Princess presented the King of Thailand Vetiver Awards for the most outstanding achievements on basket-making and roof thatching.

Among the award recipients are AIT faculty member Dr. Pichai Nimityongskul (left) of the Structural Engineering field of study, School of Engineering and Technology and Dr. Thammanoon Hengsadeekul (right), an AIT alumnus (SEC ’95 & ’06) who were selected to receive the King of Thailand Certificate of Excellence under the Non-Agricultural Application category.
2006 Report on Academic Activities

The table below shows the published outputs in 2006 of the three schools: SET, SERD and SOM.

Publications

<table>
<thead>
<tr>
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<th>SET</th>
<th>SERD</th>
<th>SOM</th>
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<td>Conference Papers/ Proceedings</td>
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<td>340</td>
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<tr>
<td>Refereed Books/ Chapters in Books</td>
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<td>50</td>
</tr>
<tr>
<td>Others**</td>
<td>17</td>
<td>40</td>
<td>4</td>
<td>61</td>
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<td>** Monographs, working papers, consultancy reports, reviews, newsletters, reference materials</td>
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<td>Total</td>
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Institute-wide Faculty Headcount 2006

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<td>Seconded</td>
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<td>Visiting Faculty</td>
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<td>Adjunct Faculty</td>
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Student-to-Faculty Ratio 2005

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<th>2006 Average</th>
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<td>SET</td>
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<tr>
<td>SERD</td>
</tr>
<tr>
<td>SOM</td>
</tr>
<tr>
<td>Average</td>
</tr>
</tbody>
</table>

Note: The faculty headcount fractions indicate joint appointment with two or more schools and administrative assignments.

Prof. Sivanappan Kumar, Dean SERD explains the concepts of Clean Development Mechanism (CDM) in an August 2006 workshop using a Powerpoint presentation.

Prof. Said Irandoust, AIT President delivers his welcome remark to participants of the Electricity Pricing and Risk Management in November 2006.

Prof. Vilas Wuwongse, VP External Relations (below left) welcomes participants to the GMSARN Int'l Conference in December 2006 while Dr. Monthip Tabucanon (right photo), Director General, DEQP, MONRE delivers her welcome remarks.
The Institute continued to consolidate its research activities, identifying its strengths, experience in the region and beyond, as well as to make plans for the future. Some thematic knowledge areas were identified and included in the Institute Strategic Development Plan (SDP). They shall be developed further. These are used in discussions with development agencies, private sector and other stakeholders for proposing appropriate support on their part and serve as inputs to the overall research fund raising effort of the Institute.

The thematic knowledge areas focus on the creation of niche areas of expertise that have a critical mass of faculty with the expertise in the Institute. The thematic areas under consideration are: ICT for development; food and bioresource systems, urban and rural sustainability; Asian models of management; water management and technology; and robotic and sensor networks for intelligent environment. This focus, along with entrepreneurship, innovation and leadership, will move the Institute from a center of higher education to one of higher learning and knowledge center.

Intellectual Property Initiatives

It is evident that the research capacity and knowledge created by AIT research activities need to be harnessed. With this in mind, a multi-pronged strategy was developed that includes:

- Protection of intellectual property
- Technology transfer and development of pre-incubators
- Development of consultancy services, etc.

The newly formed Institute Intellectual Property (IP) Committee reviewed and further developed policies to help protect potential innovative inventions, which either can be patented or be licensed directly to end users who will convert the same into wealth. It also contributed towards the development of the IP initiatives of the Institute, played an important role in raising the awareness of the value of IP for AIT, and worked on the legal aspects of licensing inventions.

The Instituteís first experience in capitalizing the intellectual property in its research as asset was through a patent license agreement between the Institute and an important US IP management company, with the help of an IP agent, Axis Associates International. Under the agreement, the company acquired the licenses for specific invention disclosures based on the research conducted by Dr. Nitin Afzulpurkar, Associate Professor, Mechatronics and Microelectronics Fields of Study of AITís School of Engineering & Technology. The agreement will open further developments in the field of converting research outputs into intellectual property which will be protected by patents.

First AIT Masterís Thesis Competition

A competition of the best research theses among the AIT graduating students in May 2006 was carried out to acknowledge and showcase outstanding research conducted by its students thereby promoting and emphasizing a research atmosphere in the Institute. It has created an awareness of the type of research work carried out in various fields in the Institute; gave students confidence in their research and presentation skills; exposed students to the appropriateness of their work thus paving the way to encourage excellence in graduate scholarly research and recognizing outstanding student accomplishments.

There were seven competition categories, namely: Energy and Environment; Resources; Development; Information & Communications Technologies; Industrial Systems & Engineering; Civil Engineering; and Management. Theses presentations were judged according to the following criteria: relevance; originality; scientific/society contribution; general knowledge of the field; future potential for innovation; and presentation skills. The judges were renowned scientists, faculty colleagues, industry practitioners, and senior officials from international organizations, government and academe. The competition was sponsored by the Y. K. Singhania Group from India.

Policy and Procedure Decisions

The three Decision Meetings in 2006 streamlined procedures and further actions to rationalize and promote sponsored projects. Schemes were put in place for research projects sponsored by government and development agencies, as well as for training projects, conferences and personal
consultancies. Decisions were also made on faculty/staff time recovery from sponsored projects while allowing faculty and staff to earn additional income from sponsored projects; and proper crediting of sponsored projects overhead as unrestricted revenue to responsibility centers (fields of study). An incentive scheme was built into the system while deriving some revenue to the Institute for future initiatives.

Special and Extramural Lectures

In line with the Presidentís encouragement to continuously stimulate active discussions and debate among community members, an Extramural Lecture Series was initiated, and steps were taken to revive the Instituteís Professorial Lecture Series. The lecture series definitely instigated more fora for special speakers, and later, for the reporting of faculty research, and for the presentation of dissertation research by doctoral students.† These will encourage AIT doctoral students to develop professional competency in interacting and communicating across disciplines.

In January, an extramural lecture was delivered by Dr. Brian Atwater, renowned tsunami expert from the US Geological Survey, based on his book ìThe Orphan Tsunami of 1700î.† Dr. Atwater had been listed by Time Magazine as one of the 100 most influential people of 2005 because of his discovery of evidence of ancient tsunamis of a magnitude that had not been seen in recent history until last year.

In September, special lectures were delivered by two UNESCO Directors on opportunities of collaboration for AIT. A presentation on UNSECO-IHE and the potential for collaboration with AIT was given by Prof. Dr. Richard Meganck, Director/ Rector of UNESCO – IHE, Delft, the Netherlands. Another presentation on ìWindows of opportunities for UNESCO-AIT collaboration in the Asian regionî was given by Prof. Dr. Hubert Gijzen, Director, UNESCO Jakarta Office, Indonesia. Both presentations were held in September 2006.

In October, Prof. Stephen Olsen, Director of the Coastal Resources Center of the University of Rhode Island and an internationally recognized advocate of integrated coastal management, made a presentation on the Milestones in the Evolution of Integrated Coastal Management: Theory and Practice. The Coastal Resources Center is the Instituteís main partner in the USAID-funded post-tsunami sustainable livelihood program.

Sponsored and Contracted Projects

The following pages provide a listing of completed and ongoing sponsored and contracted projects – research; trainings, workshops, short courses, symposia; conferences, seminars; and other projects – carried out in 2006.

<table>
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<th>SPONSORED AND CONTRACTED PROJECTS</th>
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<td><strong>Ongoing Projects</strong></td>
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<tr>
<td>Others**</td>
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</table>

** Capacity Building, development, study visits, networking, student-exchange, etc.
Soft Bangkok Clay Improvement by Thermal Consolidation with Prefabricated Vertical Drains (PVD)
Investigator: Prof. Dennes T. Bergado
Sponsor: Royal Thai Government (RTG)
Duration: 30-Sep-04 - 31-Jul-06
Total: 950,000 THB

Full-Scale Test of Reinforced Segmental Wall/Embankment Using High Strength Geogrid Reinforcement with Lightweight Rubber Tire Chip-Sand Fill on Soft Ground
Investigator: Prof. Dennes T. Bergado
Sponsor: Royal Thai Government (RTG)
Duration: 30-Sep-04 - 30-Jun-06
Total: 600,000 THB

GTE Lab Testing
Investigator: Dr. Noppadol Phien-nej
Sponsor: AIT Operation
Duration: 1-Jan-06 - 31-Dec-06
Total: 3,000,000 THB

Mechatronics and Microelectronics
Development of a Systemic-Error-Compensate CNC Controller Project
Investigator: Dr. Manukid Parnichkun
Sponsor: Mitutoyo Association for Science and Technology
Duration: 1-Jan-02 - 31-Dec-06
Total: 828,000 THB

A Study of Development of an Intelligent Vehicle Project
Investigator: Dr. Manukid Parnichkun
Sponsor: National Electronics and Computer Technology Center (NECTEC), Thailand
Duration: Mar-05 - Dec-06
Total: 1,000,000 THB

Conjugated Semiconductor Nanoparticles as Fluorophores for Rapid Detection of Bacteria
Investigator: Dr. Joydeep Dutta
Sponsor: NANO TECH/NSTDA
Total: 1,498,992 THB

Investigator: Dr. Nitin Afzulpurkar
Sponsor: Consortium of Seagate, Hitachi, Western Digital and NECTEC
Duration: 1-Nov-04 - 31-Dec-06
Total: 1,500,000 THB

Development of Generic Smart MEMS Based Control Systems
Investigator: Dr. Nitin Afzulpurkar
Sponsor: NSTDA, Thailand
Duration: Feb-04 - Dec-06
Total: 3,880,800 THB

Development of an Automatic Tide Sensing Unit for Tsunami Early Warning System
Investigator: Dr. Manukid Parnichkun
Sponsor: Royal Thai Government Joint Research Fund
Duration: Dec-05 - Dec-06
Total: 1,000,000 THB

Geotechnical and Geoenvironmental Engineering
Technology Transfer of Geotechnical and Geophysical Field Testing Techniques
Investigator: Dr. Pham Huy Giao
Sponsor: Hanoi University of Mining and Geology, Vietnam
Duration: 15-Mar-06 - 30-Apr-06
Total: 90,000 THB

Development of System for Tunneling-induced Building Damage Risk Assessment Using Analytical Methods
Investigator: Dr. Kyung-Ho Park
Sponsor: Noweng Co. Ltd., Seoul, Korea
Duration: 1-Sep-04 - 31-Dec-06
Total: 376,972 THB

School of Engineering and Technology

Completed projects

Computer Science and Information Management

Ubiquitous Network Societies for Knowledge Based Economies
Investigator: Dr. Paul Janeczek
Sponsor: ADB-AIT Networking Project
Duration: 1-Mar-06 - 31-Jul-06
Total: 193,000 THB

Construction, Engineering & Infrastructure Management

Consistency of Safety and Health Management System Implementation
Investigator: Dr. B.H.W. Hadikusumo
Sponsor: Bovis Lend Lease (Thailand) Ltd.
Duration: May-05 - Dec-06
Total: 88,500 THB

Construction Work Performance under Bovis Lend Lease Safety and Health Management System
Investigator: Dr. B.H.W. Hadikusumo
Sponsor: Bovis Lend Lease (Thailand) Ltd.
Duration: May-05 - Dec-06
Total: 88,500 THB

Strategic Budgeting System II
Investigator: Dr. Chotchai Charoenngam
Sponsor: Chulalongkorn University, Thailand
Duration: Oct-04 - Mar-06
Total: 1,000,000 THB

Inspection Manuals and Procedures for Expressway Transit Authority of Thailand
Investigator: Dr. Pannapa Herabat
Sponsor: Expressway Transit Authority of Thailand
Duration: Dec-05 - Jun-06
Total: 600,000 THB

Geotechnical and Geoenvironmental Engineering

Geology, Vietnam
Investigator: Dr. Pham Huy Giao
Sponsor: Hanoi University of Mining and Geology, Vietnam
Duration: 15-Mar-06 - 30-Apr-06
Total: 90,000 THB

Full-Scale Test of Reinforced Segmental Wall/Embankment Using High Strength Geogrid Reinforcement with Lightweight Rubber Tire Chip-Sand Fill on Soft Ground
Investigator: Prof. Dennes T. Bergado
Sponsor: Royal Thai Government (RTG)
Duration: 30-Sep-04 - 30-Jun-06
Total: 600,000 THB

GTE Lab Testing
Investigator: Dr. Noppadol Phien-nej
Sponsor: AIT Operation
Duration: 1-Jan-06 - 31-Dec-06
Total: 3,000,000 THB

Mechatronics and Microelectronics
Development of a Systemic-Error-Compensate CNC Controller Project
Investigator: Dr. Manukid Parnichkun
Sponsor: Mitutoyo Association for Science and Technology
Duration: 1-Jan-02 - 31-Dec-06
Total: 828,000 THB

A Study of Development of an Intelligent Vehicle Project
Investigator: Dr. Manukid Parnichkun
Sponsor: National Electronics and Computer Technology Center (NECTEC), Thailand
Duration: Mar-05 - Dec-06
Total: 1,000,000 THB

Conjugated Semiconductor Nanoparticles as Fluorophores for Rapid Detection of Bacteria
Investigator: Dr. Joydeep Dutta
Sponsor: NANO TECH/NSTDA
Total: 1,498,992 THB

Investigator: Dr. Nitin Afzulpurkar
Sponsor: Consortium of Seagate, Hitachi, Western Digital and NECTEC
Duration: 1-Nov-04 - 31-Dec-06
Total: 1,500,000 THB

Development of Generic Smart MEMS Based Control Systems
Investigator: Dr. Nitin Afzulpurkar
Sponsor: NSTDA, Thailand
Duration: Feb-04 - Dec-06
Total: 3,880,800 THB

Development of an Automatic Tide Sensing Unit for Tsunami Early Warning System
Investigator: Dr. Manukid Parnichkun
Sponsor: Royal Thai Government Joint Research Fund
Duration: Dec-05 - Dec-06
Total: 1,000,000 THB

Human Network Project
Investigator: Dr. Lal Samarakoon
Sponsor: Japan Aerospace Exploration Agency
Duration: 1-Dec-05 - 31-Jul-06
Total: 774,810 THB

Analysis of Factors Influencing Rice Grain Quality cv. KDML 105 Using Geographic Information System
Investigator: Dr. Xiaoyang Chen
Sponsor: Centre de Cooperation Internationale en Recherche Agronomique pour le Development, France
Duration: 1-Mar-05 - 28-Feb-06
Total: 324,000 THB

World Summit on Sustainable Development-2 (WSSD-2)
Investigator: Dr. Lal Samarakoon
Sponsor: Japan Aerospace Exploration Agency
Duration: 1-Jun-05 - 30-Jun-06
Total: 11,000,000 THB

Road Management Research
Investigator: Dr. Kiyoshi Honda
Sponsor: Japan Bank of International Cooperation
Duration: 5-Feb-05 - 5-Feb-06
Total: 1,111,968 THB

Remote Sensing & Geographic Information Systems

Road Management Research
Investigator: Dr. Kiyoshi Honda
Sponsor: Japan Bank of International Cooperation
Duration: 5-Feb-05 - 5-Feb-06
Total: 1,111,968 THB

Asian Highway GIS
Investigator: Dr. Kiyoshi Honda
Sponsor: UNESCO
Duration: 1-Oct-03 - 30-Aug-06
Total: 652,500 THB

Development of GPRS based Traffic Monitoring System
Investigator: Dr. Lal Samarakoon
Sponsor: Centre de Cooperation Internationale en Recherche Agronomique pour le Development, France
Duration: 1-Mar-05 - 28-Feb-06
Total: 324,000 THB

E3P Environmental Protection and Pig Production
Investigator: Dr. Frederic Borne
Sponsor: Centre de Cooperation Internationale en Recherche Agronomique pour le Development, France
Duration: 1-Mar-05 - 28-Feb-06
Total: 324,000 THB

Analysis of Factors Influencing Rice Grain Quality cv. KDML 105 Using Geographic Information System
Investigator: Dr. Lal Samarakoon
Sponsor: Japan Aerospace Exploration Agency
Duration: 1-Dec-05 - 31-Jul-06
Total: 774,810 THB

Applying Parallel Computing on Cluster and Grid Systems for Agricultural Monitoring Based on Crop Model and Remote Sensing
Investigator: Dr. Honda Kiyoshi
Sponsor: Royal Thai Government
Duration: Oct-04 - Oct-06
Total: 970,000 THB

Compensate CNC Controller Project
Investigator: Dr. Srisaang Kaojaren
Duration: 1-Jan-06 - 31-Dec-06
Sponsor: Royal Thai Government

Japan Bank of International Cooperation

Investigator: Dr. Nitin Afzulpurkar
Sponsor: Consortium of Seagate, Hitachi, Western Digital and NECTEC
Duration: 1-Nov-04 - 31-Dec-06
Total: 1,500,000 THB

Development of Generic Smart MEMS Based Control Systems
Investigator: Dr. Nitin Afzulpurkar
Sponsor: NSTDA, Thailand
Duration: Feb-04 - Dec-06
Total: 3,880,800 THB

Development of an Automatic Tide Sensing Unit for Tsunami Early Warning System
Investigator: Dr. Manukid Parnichkun
Sponsor: Royal Thai Government Joint Research Fund
Duration: Dec-05 - Dec-06
Total: 1,000,000 THB

Nonetheless, your efforts in providing valuable insights and solutions to the community and the nation can never be forgotten.
**Spatial Analysis of Malaria Risk to the Determination of Epidemiological Surveillance in an Endemic Region of Thailand and the Effectiveness of a New Control Strategy**
Investigator: Dr. Honda Kiyoshi
Sponsor: Royal Thai Government
Duration: Oct-04 - Oct-06
Total: 1,000,000 THB

**Structural Engineering**

**Seismic Hazard Assessment and Mitigation of Seismic Risk in Thailand (Phase I): Sub-projects 3 and 4**
Investigator: Dr. Pennung Warnitchai and Dr. Noppadol Phienwej
Sponsor: Thailand Research Fund
Duration: 1-Sep-02 - 31-Dec-06
Total: 3,154,000 THB

**Chemical Modification of Natural Rubber Composites for Structural Applications**
Investigator: Prof. Worsak Kanok-Nukulchai
Sponsor: Royal Thai Government (RTG)
Duration: 1-Nov-06 - 31-Dec-06
Total: 996,000 THB

**Telecommunications**

**Algorithm and System Design of Turbo Codes and Signal Processing on Quantum Cryptography System: Simulations**
Investigator: Dr. Teerapat Sanguankotchakorn
Sponsor: Royal Thai Government (RTG)
Duration: 15-Sep-04 - 31-Mar-06
Total: 810,000 THB

**Transportation Engineering**

**Road Safety Audit along the Chalong Rat and Burpha Withi Expressways**
Investigators: Prof. Yordphol Tanaboriboon, Dr. Shinya Hanaoka
Sponsor: The Expressway and Rapid Transit Authority of Thailand (ETA)
Duration: 22-Aug-05 - 30-Nov-06
Total: 1,000,000 THB

**Fatigue and Sleep Deprivation on Driving Performance**
Investigators: Prof. Yordphol Tanaboriboon, Dr. Kunnawee Kanitpong
Sponsor: Department of Land Transport, Thailand
Duration: 1-Apr-06 - 30-Nov-06
Total: 600,000 THB

---

**Water Engineering and Management**

**The Study of Water Resources Management Review**
Investigator: Dr. Sutat Weesakul
Sponsor: Hydro and Agro Informatics Institute (HAI)
Duration: 1-Jan-06 - 30-Sep-06
Total: 1,120,000 THB

**JFK Integrated Disaster Mitigation**
Investigator: Prof. Tawatchai Tingsanchali
Sponsor: John F. Kennedy Foundation of Thailand
Duration: 15-Jun-06 - 31-Dec-06
Total: 500,000 THB

**An Assessment of the Socio-economic Impacts of Flood under Climate Change Conditions in Large Coastal Cities in South and Southeast Asia**
Investigator: Dr. Mukand Singh Babel
Sponsor: Asia Pacific Network for Global Change Research
Duration: 1-Sep-04 - 31-Jan-06
Total: 1,839,235 THB

**Hydraulics Laboratory WEM SCE**
Investigator: Dr. Sutat Weesakul
Sponsor: AIT Operation
Duration: 1-Jan-06 - 31-Dec-06
Total: 249,913 THB

**Review and Investigation on Flood Drainage around Suwanna Bhumi Airport**
Investigator: Prof. Tawatchai Tingsanchali
Sponsor: Royal Irrigation Department, Thailand
Duration: 1-Sep-03 - 30-Sep-06
Total: 2,727,250 THB

**An assessment of Groundwater Vulnerability to Contamination and Estimation of Potential Areas Contributing Risk and Hazard to Groundwater in the Chaophraya Basin by Numerical Modeling**
Investigator: Prof. Ashim Das Gupta
Sponsor: Royal Thai Government (RTG)
Duration: 1-Oct-04 - 30-Mar-06
Total: 999,000 THB

**Water Quality Modeling in Tachin River**
Investigator: Dr. Sutat Weesakul
Sponsor: Hydro and Agro Informatics Institute (HAI)
Duration: 1-Jun-05 - 31-May-06
Total: 1,140,000 THB

**Hydraulic Model Study of Diversion Tunnel Nam Ngum 2 Hydroelectric Project**
Investigator: Dr. Sutat Weesakul
Sponsor: Team Consulting Engineering and Management Co., Ltd, Thailand
Duration: 1-Sep-05 - 31-Dec-06
Total: 3,132,193 THB

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**Computer Science and Information Management**

**Building an Integrated Leading Euro-Asian Higher Education and Research Community in the field of the semantic web**
Investigator: Prof. Vilas Wuwongse
Sponsor: European Commission
Duration: 1-Oct-06 - 9-Sep-09
Total: 2,960,964 THB

**Argumentation as Foundation for Semantic Grid**
Investigator: Prof. Pham Minh Dung
Sponsor: European Commission
Duration: 2-Jun-06 - 31-May-09
Total: 10,000,000 THB

**Construction Work Performance under Bovis Lend Lease Safety and Health Management System**
Investigator: Dr. B.H.W. Hadikusumo
Sponsor: Bovis Lend Lease (Thailand) Ltd.
Duration: Dec-06 - Dec-07
Total: 100,000 THB

**The Strategic Portfolio Program Management**
Investigators: Dr. Chotchai Charoenngam, Dr. B.H.W. Hadikusumo
Sponsor: Ministry of Foreign Affairs
Total: 4,978,000 THB

**Design & Manufacturing Engineering and Industrial Engineering & Management**

**Evaluation of the Modernization of Technical Education in Production Technology**
Investigator: Assoc. Prof. Erik L.J. Bohez
Sponsor: EMC/RIT
Duration: Jul-01 - Dec-07
Total: 450,000 THB

**Biodegradable Polylactide and Natural Rubber for Multicolor Articles Rapid Prototyping**
Investigator: Dr. Pisut Koomsap
Sponsor: Royal Thai Government
Duration: Dec-06 - Dec-07
Total: 795,000 THB
<table>
<thead>
<tr>
<th>Research Area</th>
<th>Project Title</th>
<th>Investigator</th>
<th>Sponsor</th>
<th>Duration</th>
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<tr>
<td><strong>Geotechnical and Geoenvironmental Engineering</strong></td>
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<tr>
<td>Geotechnical Study Hutgi Hydropriject (Additional Work)</td>
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| Automated Pick and Place of Concrete Roof Tile at the Pressing Machine Operation | Investigator: Dr. Nitin Aftzulpurkar  
Sponsor: CPAC Roof Tile Co., Ltd.  
Duration: 1-Jun-06 - 30-Jun-07  
Total: 1,350,000 THB |                                  |                                                                                             |                           |                |
| Fabrication and Properties of Nanoparticles Array | Investigator: Dr. Joydeep Dutta  
Sponsor: KIST  
Duration: 11-Jan-06 - 31-Dec-07  
Total: 1,150,000 THB |                                  |                                                                                             |                           |                |
| Inorganic Particle Nanocomposite for Sensor Applications | Investigator: Dr. Joydeep Dutta  
Sponsor: Sida Research Grant, Sweden  
Duration: May-05 - Jun-07  
Total: 2,018,500 THB |                                  |                                                                                             |                           |                |
| Nanocomposite Polymer-metal Plasmon Sensors | Investigator: Dr. Joydeep Dutta  
Collaborator: Dr. Apinunt Thanachayanont, KMIT-Ladkrabang, Thailand  
Sponsor: NANTOC/NSTDA  
Duration: 2006-2008  
Total: 3,402,000 THB |                                  |                                                                                             |                           |                |
| Printed Electronics Using Direct Writing Technology | Investigator: Dr. Joydeep Dutta  
Collaborator: Dr. Apinunt Thanachayanont, KMIT-Ladkrabang, Thailand  
Sponsor: NANTOC/NSTDA  
Duration: 2006-2009  
Total: 2,498,776 THB |                                  |                                                                                             |                           |                |
| Photocatalytic Thin Film Coating Technology Program Research | Investigator: Dr. Joydeep Dutta  
Sponsor: NANTOC/NSTDA  
Duration: 2006-2008  
Total: 3,402,000 THB |                                  |                                                                                             |                           |                |
| Sputtering Deposition, Atmospheric CVD-like Deposition and Characterization | Investigator: Dr. Joydeep Dutta  
Sponsor: NECTEC/NSTDA  
Duration: 2006-2009  
Total: 198,000 THB |                                  |                                                                                             |                           |                |
| **Mechatronics and Microelectronics**              |                                                                               |                                  |                                                                                             |                           |                |
| Brain-Machine Interface for Robo-Animal Control Project | Investigator: Dr. Manukid Parnichkun  
Sponsor: Thailand Research Fund  
Duration: 31-Jul-06 - 30-Jul-09  
Total: 1,200,000 THB |                                  |                                                                                             |                           |                |
| Development of an Exoskeleton Robot for Handicapped People Project | Investigator: Dr. Manukid Parnichkun  
Sponsor: National Electronics and Computer Technology Center (NECTEC), Thailand  
Duration: 1-Jul-06 - 30-Jun-09  
Total: 2,043,100 THB |                                  |                                                                                             |                           |                |
| Development of a Medical Tele-Analyzer by Force-Displacement-Hybrid Tactile Sensor and Actuator for Abdominal Mass Analysis (Phase 2) Project | Investigator: Dr. Manukid Parnichkun  
Sponsor: NECTEC  
Duration: Aug-04 - Dec-08  
Total: 1,674,200 THB |                                  |                                                                                             |                           |                |
| **Structural Engineering**                         |                                                                               |                                  |                                                                                             |                           |                |
| **Geotechnical Advice in Construction Supervision on Foundation and Tunnel, Kawenoi Dam Project** | Investigator: Dr. Noppadol Phien-wej  
Sponsor: P&C Management, Co., Ltd., Thailand  
Duration: 1-Mar-06 - 30-Apr-07  
Total: 321,000 THB |                                  |                                                                                             |                           |                |
| **Research on the Damages on the North East Reef of Male, The Maldives** | Investigator: Dr. Ulrich Glawe  
Sponsor: Environment Research Center Male, MV  
Duration: 1-May-06 - 30-Apr-09  
Total: 1,563,109 THB |                                  |                                                                                             |                           |                |
| **Logistics Management at the Intermodal Terminals** |                                                                               |                                  |                                                                                             |                           |                |
| **Transportation Engineering**                     |                                                                               |                                  |                                                                                             |                           |                |
| **Remote Sensing & Geographic Information Systems** |                                                                               |                                  |                                                                                             |                           |                |
| JAXA Mini Project 2006-2007 | Investigator: Dr. Lal Samarakoon  
Sponsor: Japan Aerospace Exploration Agency  
Duration: 1-Apr-06 - 1-May-07  
Total: 12,308,800 THB |                                  |                                                                                             |                           |                |
| Global Irrigation Mapping | Investigator: Dr. Honda Kiyoshi  
Sponsor: International Water Management Institute  
Duration: Dec-02 - Apr-07  
Total: 1,825,031 |                                  |                                                                                             |                           |                |
| The GIS Component in Tsunami Early Warning System of AIT | Investigator: Dr. Honda Kiyoshi  
Sponsor: Royal Thai Government  
Duration: Nov-05 - Apr-07  
Total: 875,000 THB |                                  |                                                                                             |                           |                |
| Remote Sensing Images Analysis around the Mesopotamia Marsh | Investigator: Dr. Honda Kiyoshi  
Sponsor: Digital Service international Co., Ltd. (DSI)  
Duration: Jan-04 - Jun-07  
Total: 1,092,530 |                                  |                                                                                             |                           |                |
| New Technologies for Urban Safety of Mega Cities in Asia | Investigator: Dr. Raktipong Sahamitmongkol  
Sponsor: JAXA  
Duration: 1-Aug-06 - 31-Mar-07  
Total: 950,000 THB |                                  |                                                                                             |                           |                |
| **Load test for the Second Mekong International Bridge** | Investigator: Dr. Pichai Nimityongskul, Dr. Sun Sayamipuk  
Sponsor: MDX Lao Co., Ltd  
Duration: 6-Nov-06 - 7-Sep-07  
Total: 695,328 THB |                                  |                                                                                             |                           |                |
| **Analysis of the Causes of School Bus Accident and Study of School Bus Management in Thailand** | Investigator: Dr. Kunawee Kanitpong  
Sponsor: Royal Thai Government  
Duration: 1-Nov-05 - 28-Feb-07  
Total: 876,000 THB |                                  |                                                                                             |                           |                |
| **Water Engineering and Management**                |                                                                               |                                  |                                                                                             |                           |                |
| UNEP Water Vulnerability Assessment in South and South East Asia | Investigator: Prof. Ashim Das Gupta  
Sponsor: UNEP ROAP  
Duration: 1-Jan-06 - 31-Jul-07  
Total: 3,600,000 THB |                                  |                                                                                             |                           |                |
### School of Environment, Resources and Development

**Completed projects**

#### Aquaculture and Aquatic Resources Management

- **Identification of sex in immature Mekong giant catfish (Pangasianodon gigas) by using molecular genetic technique (AFLP)**  
  Investigator: Dr. Amit N. Bart  
  Sponsor: Royal Thai Government (RTG)  
  Duration: 1-Oct-04 - 30-Sep-06  
  Total: 995,000 THB

- **The Application of the Mekong Giant Catfish (Pangasianodon gigas) Sperm Cryopreservation for Conservation and Commercial Breeding in Aquaculture**  
  Investigator: Dr. Amit N. Bart  
  Sponsor: Royal Thai Government (RTG)  
  Duration: 1-Oct-04 - 30-Sep-06  
  Total: 950,000 THB

#### Energy

- **Laboratory testing**  
  Investigator: Dr. Mithulananth Nadarajah  
  Sponsor: AIT Operation  
  Duration: 1-Jan-05 - 31-Dec-06  
  Total: 200,000 THB

### Environmental Engineering and Management

- **Feasibility Study of Eco-Industrial Clusters Located in Urban-Fringed Areas as a Strategic Approach for Integrated Environmental and Economic Planning**  
  Investigator: Prof. C. Visvanathan  
  Sponsor: Institute for Global Environmental Strategies, Japan  
  Duration: 1-Jan-06 - 31-Mar-06  
  Total: 242,497 THB

- **Development of Microbial Characterization Techniques for Biological Wastewater Treatment in Developing Countries under Center for Sustainable Urban Regeneration (CSUR) project**  
  Investigators: Prof. Aij Annachhatre, Dr. Toshiya Aramaki, UT  
  Sponsor: CSUR, The University of Tokyo (UT)  
  Duration: 1-Jan-06 - 31-Dec-06  
  Total: 90,000 THB

- **Development of Toxic Industrial Wastewater Treatment Technology Based on Advanced Oxidation Processes & Membrane Bioreactor**  
  Investigator: Prof. C. Visvanathan  
  Sponsor: Royal Thai Government  
  Duration: Nov-05 - Nov-06  
  Total: 1,000,000 THB

- **Dissolved oxygen control system for upgrading conventional activated sludge process for seafood industrial wastewater in Southern Thailand**  
  Investigator: Prof. Aij Annachhatre  
  Sponsor: RTG Joint Research Project FY 2004  
  Duration: 1-Sep-04 - 31-May-06  
  Total: 975,000 THB

- **Feasibility Study on Refuse Derived Fuel Potential in Municipal Solid Wastes in Thailand for Co-Processing in Cement Kilns**  
  Investigator: Prof. C. Visvanathan  
  Sponsor: Blackwood Ventures (Thailand) Co., Ltd  
  Duration: 1-Nov-05 - 31-Dec-06  
  Total: 374,500 THB

- **Joint AIT-Japanese Survey of the Surface Water and Ponds**  
  Investigator: Dr. Oleg Shipin  
  Sponsor: Public Works Research Institute (Tsukuba) and University of Tokyo  
  Duration: 1-Jan-05 - 28-Feb-06  
  Total: 563,240 THB

- **Joint survey of the AIT pond-based wastewater treatment plant**  
  Investigator: Dr. Oleg Shipin  
  Sponsor: Public Works Research Institute (Tsukuba) & University of Tokyo  
  Duration: 1-Feb-05 - 28-Feb-06  
  Total: 563,240 THB

### Food Engineering and Bioprocess Technology

- **Analysis of Fish Sauce Sample Obtained by Different Fermentation Modes**  
  Investigator: Prof. Athapol Noomhorm, Mukku Shrinivas Rao  
  Sponsor: Marine Resources Development Co. Ltd.  
  Duration: 10-Apr-04 - 31-Dec-06  
  Total: 1,139,800 THB

- **Development of Standard Methods for Evaluating Thai Rice Quality by Near Infrared Spectroscopy**  
  Investigator: Prof. Athapol Noomhorm  
  Sponsor: Royal Thai Government (RTG)  
  Duration: 1-Sep-04 - 28-Feb-06  
  Total: 940,000 THB

- **Milling Yield Evaluation for Thai Rice**  
  Investigator: Prof. Athapol Noomhorm  
  Sponsor: Department of Internal Trade, Thailand  
  Duration: 1-Dec-05 - 31-Jul-06  
  Total: 600,000 THB

- **Improvement of Fumigation and Application of CA and Irradiation to Control Insects in Packaged Rice**  
  Investigator: Prof. Athapol Noomhorm  
  Sponsor: Thailand Research Fund and Rice Engineering Supply Co., Ltd.  
  Duration: 1-Sep-03 - 31-May-06  
  Total: 1,592,838 THB

- **Use of Combination of Irradiation and Modified Atmosphere Packaging in Extending Shelf Life of Chilled Thai Spicy Basil Rice**  
  Investigator: Prof. Athapol Noomhorm  
  Sponsor: International Atomic Energy Agency  
  Duration: 1-Jan-04 - 31-Aug-06  
  Total: 436,480 THB

### Gender and Development Studies

- **Japanese Government - Gender and Development**  
  Investigator: Dr. Kyoko Kusakabe  
  Sponsor: Japanese Government  
  Duration: 31-Dec-06  
  Total: 15,556,465 THB

- **The Impact of State Power in Ethnic Conflict Areas**  
  Investigator: Dr. Kyoko Kusakabe  
  Sponsor: OSI Development Foundation (OSIDEV), Switzerland  
  Duration: 1-May-05 - 31-Dec-06  
  Total: 1,038,301 THB
<table>
<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Understanding Policy Processes in Biotechnology and Biosafety</td>
<td></td>
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<tr>
<td>Measures in Thailand and China</td>
<td></td>
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<tr>
<td>Investigator: Dr. Bernadette Resurreccion</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Sponsor: International Development Research Centre, Canada</td>
<td>1-Jul-05 - 31-Dec-06</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duration: 1-Jul-05 - 31-Dec-06</td>
<td>5,007,383 THB</td>
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</tbody>
</table>

**Pulp and Paper Technology**

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laboratory testing</td>
<td></td>
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</tr>
<tr>
<td>Investigator: Dr. Raimo Malinen</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sponsor: Hercules Chemicals, APRIL, Other Companies</td>
<td>1-Jun-04 - 31-Dec-06</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duration: 1-Jun-04 - 31-Dec-06</td>
<td>926,759 THB</td>
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</table>

**Urban Environmental Management**

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Project on Environmental</td>
<td></td>
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</tr>
<tr>
<td>Situation Investigation of Thailand</td>
<td></td>
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<tr>
<td>Investigator: Dr. Nowarat Coowanitwong</td>
<td></td>
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</tr>
<tr>
<td>Sponsor: Korea Environmental Institute</td>
<td>3-Apr-06 - 22-Sep-06</td>
<td></td>
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<tr>
<td>Duration: 3-Apr-06 - 22-Sep-06</td>
<td>120,000 THB</td>
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</tbody>
</table>

**Ongoing projects**

**Aquaculture and Aquatic Resources Management**

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development of Release Strategies for Stock Enhancement of the</td>
<td></td>
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</tr>
<tr>
<td>Tropical Abalone Haliotis Asinina</td>
<td></td>
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</tr>
<tr>
<td>Investigator: Dr. Wenresti Gallardo</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duration: 1-Oct-05 - Dec-07</td>
<td>239,663 THB</td>
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</table>

**Impact Study on Wooden Trail Construction in Mangroves Ecosystem**

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investigator: Dr. Kou Ikejima</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sponsor: The University of Tokyo, Japan</td>
<td>1-May-06 - 31-Dec-07</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duration: 1-May-06 - 31-Dec-07</td>
<td>264,980 THB</td>
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</table>

**Regional Studies of Aquaculture Systems and Impacts in South East Asia, and**

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Considerations for Non-Traditional Aquaculture Systems in Vietnam (CRSP Workplan 11)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investigator: Dr. Yang Yi, Dr. Amrit Bart</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Sponsor: CRSP</td>
<td>Aug-01 - Jun-07</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duration: Aug-01 - Jun-07</td>
<td>46,665,752 THB</td>
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</table>

**Agricultural Systems and Engineering**

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protected Cultivation ñ An Approach to Sustainable Vegetable Production in the Humid Tropics- Phase II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investigator: Prof Vilas M Salokhe</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sponsor: German Research Grant - DFG</td>
<td>2004-2007</td>
<td></td>
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<tr>
<td>Duration: 2004-2007</td>
<td>10,000,000 THB</td>
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<table>
<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
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</thead>
<tbody>
<tr>
<td>Hannover-AIT Greenhouse Project ñ Phase-II</td>
<td></td>
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</tr>
<tr>
<td>Investigator: Prof Vilas M Salokhe</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sponsor: German Research Grant - DFG</td>
<td>2004-2007</td>
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<tr>
<td>Duration: 2004-2007</td>
<td>15,550,000 THB</td>
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<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
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</thead>
<tbody>
<tr>
<td>Upgrading of Green House Facility</td>
<td></td>
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<tr>
<td>Investigator: Prof. V. M. Salokhe</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Sponsor: Hannover University, Germany</td>
<td>2004-2007</td>
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<tr>
<td>Duration: 2004-2007</td>
<td>986,995 THB</td>
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<table>
<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
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</thead>
<tbody>
<tr>
<td>Increasing Water Use Efficiency by Using Mulch Under SRI (System of Rice Intensification) Management Practices in Northeast Thailand</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investigator: Prof. Vilas Salokhe</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sponsor: International Water Management Institute</td>
<td>1-Jan-06 - 30 Jun-07</td>
<td></td>
<td></td>
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<tr>
<td>Duration: 1-Jan-06 - 30 Jun-07</td>
<td>2,925,000 THB</td>
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<table>
<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
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</thead>
<tbody>
<tr>
<td>Promotion of Biofuels for Sustainable Development in South and Southeast Asia</td>
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<tr>
<td>Investigator: Dr. Animesh Dutta, Prof. S. Kumar, Prof. Ram Shrestha</td>
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<tr>
<td>Sponsor: Winrock International India</td>
<td>25-May-06 - 30-Jun-07</td>
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<tr>
<td>Duration: 25-May-06 - 30-Jun-07</td>
<td>608,580 THB</td>
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<table>
<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
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</thead>
<tbody>
<tr>
<td>The Potential for Transferring and Implementing Sustainable Energy Technologies through the Clean Development Mechanism of the Kyoto Protocol</td>
<td></td>
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<tr>
<td>Investigator: Dr. Mithulananthan Nadarajah</td>
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<tr>
<td>Co-Investigator: Dr. A. Dutta</td>
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<tr>
<td>Sponsor: Commission of the European Communities (CEC)</td>
<td>1-Feb-06 - 31-Jan-08</td>
<td></td>
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<tr>
<td>Duration: 1-Feb-06 - 31-Jan-08</td>
<td>2,237,200 THB</td>
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**Environmental Engineering and Management**

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerosol Emission from Diesel-Powered Vehicles and Open Bio-mass Burning, and Effects on Air Quality and Climate</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Investigator: Dr. Nguyen Thi Kim Oanh</td>
<td></td>
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</tr>
<tr>
<td>Sponsor: University of Illinois at Urbana-Champaign</td>
<td>1-Jul-6 - Jun-07</td>
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<tr>
<td>Duration: 1-Jul-6 - Jun-07</td>
<td>245,560 THB</td>
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<table>
<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
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</thead>
<tbody>
<tr>
<td>Application of Filtration Technologies for Piggery and Industrial Wastewater Treatment/Reuse and Resource Recovery under Tropical Conditions</td>
<td></td>
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<tr>
<td>Investigator: Dr. Oleg Shipin</td>
<td></td>
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<tr>
<td>Sponsor: Kumoh National Institute of Technology, Korea, and Environmental Management Corporation, Incheon</td>
<td>1-Nov-03 - 30-Jan-08</td>
<td></td>
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</tr>
<tr>
<td>Duration: 1-Nov-03 - 30-Jan-08</td>
<td>1,827,081 THB</td>
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<table>
<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
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</thead>
<tbody>
<tr>
<td>Determination and Mitigation Measures of Pollution Controls in the Upper Gulf of Thailand (UPPER GOT)</td>
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<tr>
<td>Investigator: Dr. Thammarat Koottatep</td>
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</tr>
<tr>
<td>Sponsor: Pollution Control Department, Ministry of Natural Resources and Environment, Thailand</td>
<td>1-Mar-06 - 31-Jul-07</td>
<td></td>
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</tr>
<tr>
<td>Duration: 1-Mar-06 - 31-Jul-07</td>
<td>1,664,064 THB</td>
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</table>

**Biowaste Reuse in Southeast Asian Cities**

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
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</thead>
<tbody>
<tr>
<td>Improving Air Quality in Asian Developing Countries Project</td>
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<tr>
<td>Investigator: Dr. Nguyen Thi Kim Oanh</td>
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<td></td>
</tr>
<tr>
<td>Sponsor: Chongkrak Polprasert</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Collaborating Institutes: Research Centre for Eco-Environmental Sciences, Chinese Academy of Sciences, University of Science and Technology of China, Beijing, China, Indian Institute of Technology, Madras, India; Institute of Technology of Bandung, Indonesia; Manila Observatory, Philippines, and Hanoi University of Sciences, Vietnam</td>
<td></td>
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<tr>
<td>Duration: 1-Jan-04 to 30-Jun-08</td>
<td>345,150 THB</td>
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**Industrial and Hazardous Waste Treatment and Management Project**

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator/Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated Study on Treatment of Shrimp Aquaculture Wastewater Based on Membrane Bioreactor and Development of a Membrane Technology Curriculum</td>
<td></td>
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</tr>
<tr>
<td>Investigator: Prof. C. Visvanathan</td>
<td></td>
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<tr>
<td>Sponsor: Royal Thai Government</td>
<td>1-Nov-05 to 31-Mar-07</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duration: 1-Nov-05 to 31-Mar-07</td>
<td>1,000,000 THB</td>
<td></td>
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</tr>
</tbody>
</table>
Investigation on the Impacts of Urban-Rural Air Pollution on Air Quality and Climate in Southeast Asia
Investigator: Dr. Nguyen Thi Kim Oanh
Sponsor: Asia Pacific Network (APN) for Global Change Research
Duration: 1-Dec-06 - 31-Dec-08
Total: 2,134,800 THB

Sai Noi Dumpsite Rehabilitation and Its Potential for Refuse Derived Fuel Recovery
Investigator: Prof. C. Visvanathan
Sponsor: SEA-UEMA / CIDA Project
Duration: 1-Jan-06 - 31-Mar-07
Total: 395,650 THB

Sustainable Solid Waste Landfill Management in Asia Project
Investigator: Prof. C. Visvanathan
Collaborating Institutes: Anna University, Chennai, India; Kasetsart University, Thailand; University of Peradeniya, Sri Lanka; Tongji University, China
Duration: 1-Jan-04 to 30-Jun-08
Total: SEK 5,751,479

SWOP Analysis of Eco-Industrial Clusters in Thailand, India and Vietnam
Investigator: Prof. C. Visvanathan
Sponsor: Institute for Global Environmental Strategies, Japan
Duration: 1-Apr-06 - 31-Mar-07
Total: 918,197 THB

Wastewater Treatment and Management Project
Investigator: Prof. Ajit P. Annachatre
Collaborating Institutes: Indian Institute of Technology, Kanpur, India; Indian Institute of Technology, Bombay, India; Center for Environmental Technology and Management, Vanlang University, Vietnam; King Mongkut University of Technology Thonburi, Bangkok, Thailand
Duration: 1-Mar-06 - 31-Dec-07
Total: 506,000 THB

Gender and Development Studies
Gender, Cross Border Migrant Workers and Citizenship- A Case Study of the Burmese-Thai Border
Investigator: Dr. Kyoko Kusakabe
Sponsor: International Development Research Centre, Canada
Duration: 1-Nov-06 - 31-Oct-09
Total: 10,599,830 THB

Understanding Policy Processes in Biotechnology and Bio-safety Measures in Thailand & China
Investigator: Dr. Bernadette Resurreccion
Sponsor: IDRC
Duration: 2005-2007
Total: 5,007,383

The Impact of State Power in Ethnic Conflict Areas
Investigator: Dr. Kyoko Kusakabe
Sponsor: OSI Development
Duration: 2005-2007
Total: 1,038,301 THB

Natural Resources Management
Monitoring and Conserving Forest Diversity in Nam Dong District, Thua Thien Province, Vietnam
Investigator: Dr. Edward L. Webb
Sponsor: The MacArthur Foundation
Duration: 1-Jan-06 - 31-Dec-09
Total: 9,504,000 THB

Pulp and Paper Technology
Hercules US Study
Investigator: Dr. Raimo Malinen
Sponsor: Hercules Incorporated, USA
Duration: 15-Jul-06 - 14-Jul-07
Total: 1,140,000 THB

Regional and Rural Development Planning
Indian Ocean Tsunami Warning Systems (IOTWS)
Investigator: Dr. Mokbul Morshed Ahmad
Sponsor: USAID
Duration: 1-Sep-06 - 31-Aug-07
Total: 869,500 THB

Urban Environmental Management
Research on Understanding Policy Processes in Biotechnology Development in Thailand and China
Investigators: Dr. Bernadette Resurreccion, Dr. Edsel Sajor (Co-Principal Investigator)
Sponsors: Research on Knowledge Systems, International Development Research Center; Rockefeller Foundation
Duration: 1-Jul-05 - Jul-07
Total: 4,709,100 THB

School of Management
Completed projects

Research for Local Action Towards Sustainable Human Settlements
Investigator: Dr. Willi Zimmermann
Sponsor: European Commission / ICLEI Freiburg
Duration: 15-May-05 - 14-Apr-06
Total: 791,988 THB

Other Units

Internet Education and Research Laboratory (IntERLab)
Completed projects

Study on Telephone Number Mapping (ENUM)
Investigator: Prof. Kanchana Kanchanasut
Sponsor: THNIC Co., Ltd
Duration: 1-Jan-05 - 31-Dec-06
Total: 1,643,520 THB

Ongoing projects

New Generation Internet for Medical Science Remote Classroom
Investigator: Prof. Kanchana Kanchanasut
Sponsor: Science and Technologies of Information and Communication in Asia - Institute National de Technologie
Duration: 1-Jan-06 - 31-Dec-07
Total: 506,000 THB

Multimedia Architecture and Application Based on SIP
Investigator: Prof. Kanchana Kanchanasut
Sponsor: Science and Technologies of Information and Communication in Asia - Institute National de Technologie
Duration: 1-Mar-06 - 31-Dec-07
Total: 460,000 THB

Food Engineering and Bioprocess Technology
Development of Rapid Methods for the Detection of Pathogens in Aquatic Food
Investigator: Prof. Sudip K. Rakshit
Sponsor: Royal Thai Government (RTG)
Duration: 1-Feb-06 - 30-June-07
Total: 830,000 THB
School of Engineering and Technology

Completed projects

Computer Science and Information Management

Computer-Aided Learning Program for Health Professional Students in Diabetes Patient History Taking
Coordinator: Prof. Peter Haddawy
Sponsor: Royal Thai Government (RTG)
Duration: 1-Sep-04 - 30-Sep-06
Total: 156,000 THB

School of Environment, Resources and Development

Completed projects

Aquaculture and Aquatic Resources Management

Training Course on iAquaculture Extension
Coordinator: Dr. Yang Yi
Sponsor: NAQDA Sri Lanka
Duration: 19-Nov-06 - 31-Dec-06
Total: 370,336 THB

Energy

Workshop on Mainstream Policies and Investment on Low Carbon: Opportunities for new approaches to investment and flexible mechanisms
Coordinator: Dr. Mithulananthan Nadarajah, Prof. Ram Shrestha
Sponsor: UNESCO
Duration: 20-Aug-06 - 20-Nov-06
Total: 2,506,524 THB

Workshop on and Transfer of Efficient EU Technology in the Sugar Sector in Thailand
Coordinator: Dr. Mithulananthan Nadarajah, Dr. Weerakon Ongsakul, Dr. Animesh Dutta, Prof. Surapong Chiraratnaman, Dr. H.P.W. Jayasuriya
Sponsor: EU-Thailand Economic Cooperation (Small Projects Facility)
Duration: 7-Jan-06 - 06-Apr-07
Total: 9,500,000 THB

Food Engineering and Bioprocess Technology

Testing of Samples, Training to Visiting Researchers and Other Laboratory Services
Coordinator: Dr. Shrinivas Rao
Sponsor: Multi-donors
Duration: 1-Jun-06 - 30-Aug-06
Total: 40,000 THB

Gender and Development Studies

Workshop on the Assessment of Gender Mainstreaming Practices in Thailand: Identifying Factors of Successes and Failures
Coordinator: Dr. Kyoko Kusakabe
Sponsor: Government of Japan
Duration: 1-Feb-06 - 30-Sep-06
Total: 795,622 THB

Training workshop for the students from Ochanomizu University, Japan
Coordinator: Dr. Kyoko Kusakabe
Sponsor: Participants
Duration: 1-Jun-05 - 31-Mar-06
Total: 97,778 THB

Natural Resources Management

International Forestry Resources and Institutions training
Coordinator: Prof. Ganesh P. Shivakoti, Dr. Edward L. Webb, Dr. Ambika P Gautam
Sponsor: Indiana University IFRI Center & MacArthur Foundation
Duration: 1-May-05 - 31-Aug-06
Total: 493,685 THB

Workshop on Sediment Management in South and Southeast Asia
Coordinator: Dr. Mukand Singh Babel
Sponsor: UNESCO, Paris
Duration: 1-Apr-06 - 31-Dec-07
Total: 874,000 THB

The Third International Symposium on Southeast Asian Water Environment
Coordinator: Dr. Toshiya Aramaki
Sponsor: The University of Tokyo, Japan
Duration: 1-Jul-05 - 30-Jun-06
Total: 735,600 THB

Training on iAmbiant Air Monitoring with Emphasis on Equipment Operation, Data Management and Receptor Modeling
Coordinator: Dr. Nguyen Thi Kim Oanh
Sponsor: Department of Environment, Bangladesh
Duration: 1-Jul-06 - 30-Sept-06
Total: 239,400 THB

E-learning Program on IWRM for self pay Student
Coordinator: Dr. Mukand Singh Babel
Sponsor: Self Paying Student
Duration: 6-Sep-06 - 8-Aug-08
Total: 190,000 THB

Training of Trainers (TOT) Workshop Distance Learning Course on Urban Air Quality Management for Asian Cities
Coordinator: Dr. Nguyen Thi Kim Oanh
Sponsor: World Bank Institute
Duration: 1-Feb-05 - 31-Mar-06
Total: 245,700 THB

Water Engineering and Management

E-learning Program on IWRM for UCC-Water
Coordinator: Dr. Mukand Singh Babel
Sponsor: UCC-Water
Duration: 1-Sep-06 - 3-Aug-08
Total: 1,242,500 THB

Training on and Transfer of Efficient EU Technology in the Sugar Sector in Thailand
Coordinator: Dr. Mithulananthan Nadarajah, Dr. Weerakon Ongsakul, Dr. Animesh Dutta, Prof. Surapong Chiraratnaman, Dr. H.P.W. Jayasuriya
Sponsor: EU-Thailand Economic Cooperation (Small Projects Facility)
Duration: 7-Jan-06 - 06-Apr-07
Total: 9,500,000 THB

Transportation Engineering

Road Safety Training
Coordinator: Dr. Shinya Hanaoka
Sponsor: Handicap International in Vietnam
Duration: 1-Jun-06 - 31-Aug-06
Total: 302,974 THB

Ongoing projects

Food Engineering and Bioprocess Technology

Testing of Samples, Training to Visiting Researchers and Other Laboratory Services
Coordinator: Dr. Shrinivas Rao
Sponsor: Multi-donors
Duration: 1-Jun-06 - 30-Aug-06
Total: 40,000 THB

Gender and Development Studies

Workshop on the Assessment of Gender Mainstreaming Practices in Thailand: Identifying Factors of Successes and Failures
Coordinator: Dr. Kyoko Kusakabe
Sponsor: Government of Japan
Duration: 1-Feb-06 - 30-Sep-06
Total: 795,622 THB

Training workshop for the students from Ochanomizu University, Japan
Coordinator: Dr. Kyoko Kusakabe
Sponsor: Participants
Duration: 1-Jun-05 - 31-Mar-06
Total: 97,778 THB

Natural Resources Management

International Forestry Resources and Institutions training
Coordinator: Prof. Ganesh P. Shivakoti, Dr. Edward L. Webb, Dr. Ambika P Gautam
Sponsor: Indiana University IFRI Center & MacArthur Foundation
Duration: 1-May-05 - 31-Aug-06
Total: 493,685 THB

Workshop on Sediment Management in South and Southeast Asia
Coordinator: Dr. Mukand Singh Babel
Sponsor: UNESCO, Paris
Duration: 1-Apr-06 - 31-Dec-07
Total: 874,000 THB

The Third International Symposium on Southeast Asian Water Environment
Coordinator: Dr. Toshiya Aramaki
Sponsor: The University of Tokyo, Japan
Duration: 1-Jul-05 - 30-Jun-06
Total: 735,600 THB

Training on iAmbiant Air Monitoring with Emphasis on Equipment Operation, Data Management and Receptor Modeling
Coordinator: Dr. Nguyen Thi Kim Oanh
Sponsor: Department of Environment, Bangladesh
Duration: 1-Jul-06 - 30-Sept-06
Total: 239,400 THB

E-learning Program on IWRM for self pay Student
Coordinator: Dr. Mukand Singh Babel
Sponsor: Self Paying Student
Duration: 6-Sep-06 - 8-Aug-08
Total: 190,000 THB

Training of Trainers (TOT) Workshop Distance Learning Course on Urban Air Quality Management for Asian Cities
Coordinator: Dr. Nguyen Thi Kim Oanh
Sponsor: World Bank Institute
Duration: 1-Feb-05 - 31-Mar-06
Total: 245,700 THB

Water Engineering and Management

E-learning Program on IWRM for UCC-Water
Coordinator: Dr. Mukand Singh Babel
Sponsor: UCC-Water
Duration: 1-Sep-06 - 3-Aug-08
Total: 1,242,500 THB

Training on and Transfer of Efficient EU Technology in the Sugar Sector in Thailand
Coordinator: Dr. Mithulananthan Nadarajah, Dr. Weerakon Ongsakul, Dr. Animesh Dutta, Prof. Surapong Chiraratnaman, Dr. H.P.W. Jayasuriya
Sponsor: EU-Thailand Economic Cooperation (Small Projects Facility)
Duration: 7-Jan-06 - 06-Apr-07
Total: 9,500,000 THB
Technical Officer Training
Coordinator: Dr. Mithulananth Nadarajah, Prof. Athapol Noomhorm
Sponsor: University of Moratuwa, Sri Lanka
Duration: 6-Nov-06 - 28-Feb-07
Total: 125,400 THB

Environmental Engineering and Management
Annual Review Workshops under ARRPET II
Coordinator: Prof. Ajit P. Annachhatre
Sponsor: Sida
Duration: 1-Jan-04 - 31-Dec-07
Total: SEK 1,765,445

Asian Institute of Technology - United Nations University (AIT-UNU) Brainstorming Workshop
Coordinator: Prof. Ajit P. Annachhatre
Sponsor: AIT
Duration: Nov-06 - May-07
Total: 117,600 THB

IWA Specialist Group Conference on Waste Stabilization Ponds
Coordinator: Dr. Thammarat Koottatep, Prof. Chonggrak Polprasert
Sponsor: IWA, United Kingdom
Duration: 15-Sep-05 - 31-Mar-07
Total: 1,130,978.83 THB

The Fourth International Symposium on Southeast Asian Water Environment
Coordinator: Prof. C. Visvanathan
Sponsor: The University of Tokyo, Japan
Duration: 16-May-06 - 31-Mar-07
Total: 311,875 THB

WHO Collaborating Centre for Water Supply and Waste Disposal: International Symposium on Water Treatment, Research Projects and Training Programs in Health-related Environmental Engineering
Coordinator: Dr. Oleg Shipin
Sponsor: WHO Geneva
Duration: 1-Jan-06 - 1-Dec-07
Total: 1,236,609 THB

Workshop on Asian Regional Programme on Persistent Organic Pollutants (ARPPoPs)
Coordinator: Prof. Ajit P. Annachhatre
Sponsor: Sida
Duration: Aug-05 - Apr-07
Total: SEK 530,000

Food Engineering and Bioprocess Technology
Regional Workshop on integrated Policies for Bio-Innovations in Agriculture and Health in Asia
Coordinator: Prof. Sudip K. Rakshit
Sponsor: International Development Research Centre (IDRC) and the Rockefeller Foundation
Duration: 1-Oct-06 - 01-Oct-07
Total: 1,555,937 THB

Training Workshop on Food Safety Assessment of Agriculture-Related GMOs
Coordinator: Prof. Sudip K. Rakshit
Sponsor: Agrico/ Asian Development Bank TA
Duration: 1-Sep-06 - 31-May-07
Total: 940,236 THB

Gender and Development Studies
Training Workshop for the Students from Ochanomizu University, Japan
Coordinator: Dr. Kyoko Kusakabe
Sponsor: Japanese Government
Duration: 2007
Total: 1,050,000 THB

Natural Resources Management
Regional workshop on sustainable land management
Coordinator: Dr. Rajendra P. Shrestha
Sponsor: United Nations Office for Project Services
Duration: 1-Oct-06 - 30-Apr-07
Total: 1,228,910 THB

Regional and Rural Development Planning
Training Programme on Environmental Management Tools for SAARC Countries
Coordinator: Prof. Jayant Routray
Sponsor: UNEP ROAP
Duration: 1-Jan-06 - 31-Dec-07
Total: 1,920,000 THB

School of Management
Ongoing projects
AIT-SOM GTZ e-Learning
Coordinator: Dr. Sundar Venkatesh
Sponsor: GTZ
Duration: Oct-05 - Aug-07
Total: 150,000 Euro

AIT Extension
Completed projects
Time Management
Coordinator: Mrs. Niramol Ponvilai
Sponsor: UNESCAP
Duration: 21-Nov-05 - 31-Mar-06
Total: 429,000 THB

Rural Information Networks in Asia-Pacific: Innovative Practices and Future Direction
Coordinator: Mrs. Niramol Ponvilai
Sponsor: Food and Agriculture Organization
Duration: 14-Dec-05 - 16-Mar-06
Total: 143,000 THB

2nd Lead Regional Session: CSR-Strategy for Environment Management
Coordinator: Mr. Voravate Chonlasin
Sponsor: LEAD
Duration: 1-Nov-05 - 31-Jan-06
Total: 963,300 THB

Natural Resources and Environmental Planning and Management
Coordinator: Ms. Worawan Sumroentrum
Sponsor: National Capacity Development Project - Danida in Cambodia
Duration: 20-Nov-05 - 28-Feb-06
Total: 400,000 THB

Social/Community Forestry and Natural Resources Management
Coordinator: Ms. Worawan Sumroentrum
Sponsor: National Development Bank (ADB)
Duration: 14-Nov-05 - 28-Feb-06
Total: 673,000 THB

Rural Agribusiness Development and Extension Techniques
Coordinator: Mr. Wichit Silpamaneephan
Sponsor: Palli Karma Sahayak Foundation, Bangladesh
Duration: 14-Nov-05 - 02-Mar-06
Total: 1,120,160 THB

Water Environment Monitoring and Management Using GIS and Remote Sensing Technology
Coordinator: Dr. Sahdev Singh
Sponsor: Environmental Monitoring Information Network, CIDA
Duration: 28-Nov-05 - 01-Jan-06
Total: 518,400 THB

Development and Production of Learning Packages
Coordinator: Mr. Reynaldo Calabdan
Sponsor: AIT-SOM GTZ, NIV (Malaysia), PKSF & LGED (Bangladesh), GTZ (Pakistan)
Duration: 19-Sep-05 - 30-Jan-06
Total: 1,063,200 THB
Management / Administration for Senior Sri Lankan University Officials
Coordinator: Mr. Reynaldo Calabdan
Sponsor: IQQUE Project, Ministry of Education, Sri Lanka
Duration: 17-Oct-05 - 30-Jan-06
Total: 1,408,000 THB

Professional Development Course on Training of Trainers
Coordinator: Mr. Reynaldo Calabdan
Sponsor: Governments of India & Malaysia, CAMPE (Bangladesh), GTZ, University of Kelaniya (Sri Lanka)
Duration: 17-Oct-05 - 15-Jan-06
Total: 844,800 THB

Financial Management for Senior Sri Lankan University Officials
Coordinator: Mr. Reynaldo Calabdan
Sponsor: IQQUE Project, Ministry of Education, Sri Lanka
Duration: 31-Oct-05 - 28-Feb-06
Total: 1,408,000 THB

Effective Training Implementation and Management
Coordinator: Mr. Reynaldo Calabdan
Sponsor: LGED, UNICEF, Multi-sponsors from Malaysia & Pakistan
Duration: 21-Nov-05 - 30-Mar-06
Total: 1,760,320 THB

Educational Information System Management
Coordinator: Mr. Fazle Karim
Sponsor: Multi-donors
Duration: 5-Dec-05 - 05-Mar-06
Total: 476,000 THB

E-business Development for SME Support Agencies in the Greater Mekong Subregion
Coordinator: Ms. Kanlaya Muangsan
Sponsor: UNESCO
Duration: 7-Nov-05 - 25-Feb-06
Total: 920,000 THB

Information Technology Management
Coordinator: Mr. Fazle Karim
Sponsor: Multi-donors
Duration: 5-Dec-05 - 05-Mar-06
Total: 368,320 THB

Effective Rural Leadership
Coordinator: Ms. Sorat Phuthpharthak, Ms. Khin Ma Ma Gyi
Sponsor: Asian Development Bank
Duration: 18-Oct-04 - 29-Oct-06
Total: 1,724,320 THB

Public Relations for Organizational Success
Coordinator: Mr. Anil Gopal Rajbhandari
Sponsor: Bhutan National Bank
Duration: 3-Oct-05 - 1-Jan-06
Total: 162,400 THB

Management and Implementation of Development Project
Coordinator: Mr. Anil Gopal Rajbhandari
Sponsor: Multi-donors
Duration: 24-Oct-05 - 11-Feb-06
Total: 1,477,200 THB

Project Management - Maldives
Coordinator: Dr. Pradeep Kumar Dash
Sponsor: Multi-donors
Duration: 7-Nov-05 - 30-Jan-06
Total: 1,160,160 THB

Project Monitoring and Evaluation
Coordinator: Mr. Anil Gopal Rajbhandari
Sponsor: Multi-donors
Duration: 7-Nov-05 - 25-Feb-06
Total: 1,035,200 THB

Effective and Accountable Government by Improving Organizational Effectiveness
Coordinator: Ms. Khin Ma Ma Gyi
Sponsor: Ministry of Education, Malaysia
Duration: 14-Nov-05 - 31-Jan-06
Total: 529,920 THB

Business Leadership in an Uncertain Environment
Coordinator: Mr. Tanuj Kumar Halder
Sponsor: Commercial Bank of Ceylon, Sri Lanka
Duration: 5-Dec-05 - 28-Feb-06
Total: 450,000 THB

Supervisory Skills Development Training for WFP Staff
Coordinator: Mr. Anil Gopal Rajbhandari
Sponsor: Multi-donors
Duration: 28-Nov-05 - 28-Dec-06
Total: 1,042,400 THB

Workshop on Needs Verification and Planning
Coordinator: Dr. Jonathan Shaw
Sponsor: National Center for Educational Development / Education Secondary Advisory Team
Duration: 3-Apr-06 - 05-Sep-06
Total: 387,504 THB

SCCC Training Center Project
Coordinator: Mr. Vorawate Chonlasin
Sponsor: Siam City Cement Public Co., Ltd., Thailand
Duration: 1-Mar-06 - 31-Oct-06
Total: 1,037,900 THB

Training Course on Intellectual Property Management
Coordinator: Mr. Reynaldo Calabdan
Sponsor: Multi-Sponsors
Duration: 25-Sep-06 - 07-Oct-06
Total: 520,405 THB

Rural Agribusiness Development and Management
Coordinator: Mr. Wichit Silpamaneephan
Sponsor: Danish International Development Agency (Danida)
Duration: 22-Feb-06 - 02-May-06
Total: 582,660 THB

Natural Resources and Environmental Planning and Management 2
Coordinator: Mr. Voravate Chonlasin
Sponsor: Ministry of Environment, Sri Lanka
Duration: 16-Jan-06 - 28-Apr-06
Total: 560,000 THB

Inland Aquaculture Development and Management
Coordinator: Mr. Wichit Silpamaneephan
Sponsor: University of Guam
Duration: 5-Jun-06 - 15-Sep-06
Total: 993,000 THB

Rural Poverty Alleviation
Coordinator: Mr. Wichit Silpamaneephan
Sponsor: DANDIA / Local Government Engineering Department, Bangladesh
Duration: 12-Jul-06 - 20-Oct-06
Total: 869,864 THB

Workshop on Advocacy & Inter-regional Cooperation for ICT/ICM in ARD
Coordinator: Mrs. Niramol Ponvilai
Sponsor: Asia-Pacific Association of Agricultural Research Institutions / Global Forum on Agricultural Research
Duration: 3-Jul-06 - 01-Nov-06
Total: 171,750 THB

Public Health Policy, Planning and Financial Administration
Coordinator: Ms. Worawan Sumroetrum
Sponsor: Training Technology Transfer, Bangladesh
Duration: 23-Jul-06 - 30-Nov-06
Total: 569,800 THB

Gender and Development
Coordinator: Ms. Sirinthip Pongsuvinai
Sponsor: LGED/DANIDA
Duration: 11-Sep-06 - 22-Sep-06
Total: 399,600 THB

Urban Poverty Alleviation
Coordinator: Ms. Worawan Sumroetrum
Sponsor: GTZ- Nepal
Duration: 23-Oct-06 - 31-Jan-07
Total: 532,800 THB

Water Environment Monitoring and Management Using Remote Sensing and GIS Technology
Coordinator: Ms. Sirinthip Pongsuvinai
Sponsor: CIDA EMIN, CEGIS
Duration: 5-Jun-06 - 30-Aug-06
Total: 532,800 THB

Gender and Development
Coordinator: Ms. Worawan Sumroetrum
Sponsor: Northeast Community Restoration and Development Project (NECORD), Sri Lanka
Duration: 13-Feb-06 - 31-Jul-06
Total: 813,600 THB
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3rd SCSV Program on Environment and Natural Resources Planning and Management
Coordinator: Mr. Voravate Chonlasin
Sponsor: Ministry of Environment, Sri Lanka
Duration: 24-Apr-06 - 05-Aug-06
Total: 600,400 THB

Web Page Development and Communications Development
Coordinator: Mr. Fazle Karim
Sponsor: DANIDA
Duration: 29-Mar-06 - 04-Jul-06
Total: 285,000 THB

Professional Development Course on Management of Training Center
Coordinator: Mr. Reynaldo Calabdan, Ms. Kanlaya Muangsang
Sponsor: BPATC, CIDB, Metta
Development Foundation, Multiple Cropping Center
Duration: 24-Apr-06 - 12-Aug-06
Total: 596,000 THB

Training of Trainers on Urban Environmental Infrastructure and Services
Coordinator: Mr. Voravate Chonlasin
Sponsor: SEA-UEMA / CIDA Project
Duration: 15-May-06 - 26-Jun-06
Total: 680,000 THB

5th Fredskorpset Preparatory Course in Asia
Coordinator: Mr. Reynaldo Calabdan, Ms. Kanlaya Muangsang
Sponsor: Fredskorpset, Norway
Duration: 24-Apr-06 - 12-Aug-06
Total: 2,040,100 THB

Effective Energy Systems for Sustainable Development
Coordinator: Ms. Worawan Sumroetrum
Sponsor: EBARCorp
Duration: 21-Aug-06 - 30-Nov-06
Total: 366,300 THB

International Management Training Course
Coordinator: Mr. Reynaldo Calabdan, Ms. Kanlaya Muangsang
Sponsor: Secondary Education Sector Improvement Project, Bangladesh
Duration: 14-May-06 - 07-Sep-06
Total: 2,064,440 THB

Rural Road Maintenance Management
Coordinator: Ms. Worawan Sumroetrum
Sponsor: GTZ Bangladesh
Duration: 7-Aug-06 - 30-Nov-06
Total: 845,300 THB

Network Security Coordinator: Mrs. Thaniya Jirasathipornpong, Mr. Fazle Karim
Sponsor: Multi-donors
Duration: 22-May-06 - 09-Sep-06
Total: 446,400 THB

Community Based Disaster Management
Coordinator: Mr. Voravate Chonlasin
Sponsor: World Food Program, Sri Lanka
Duration: 16-Oct-06 - 11-Dec-06
Total: 704,850 THB

Selected Advanced Tools for Oracle 9 Database Development and Administration Coordinator: Mrs. Maria Socorro Fontanilla, Mr. Fazle Karim
Sponsor: The Bank of Mongolia
Duration: 29-May-06 - 30-Sep-06
Total: 1,648,350 THB

Management of Modern Biotechnology Coordinator: Ms. Worawan Sumroetrum
Sponsor: Multi-Sponsors
Duration: 9-Oct-06 - 30-Dec-06
Total: 392,200 THB

Oracle Database Development and Administration Coordinator: Mrs. Maria Socorro Fontanilla, Mr. Fazle Karim
Sponsor: Multi-donors
Duration: 21-Aug-06 - 08-Dec-06
Total: 333,000 THB

Effective & Hazardous Waste Management Coordinator: Mr. Voravate Chonlasin
Sponsor: BPEZA Bangladesh
Duration: 23-Oct-06 - 22-Dec-06
Total: 462,500 THB

Installation and Administration of Windows 2000/2003 Server Coordinator: Mrs. Maria Socorro Fontanilla, Mr. Fazle Karim
Sponsor: World Bank
Duration: 18-Sep-06 - 31-Dec-06
Total: 148,000 THB

Environmental Infrastructure and Training of Trainers on Urban ICT Applications in Management and Project Management Coordinator: Mrs. Thaniya Jirasathipornpong, Mr. Fazle Karim Sponsor: Multi-donors Duration: 4-Sep-06 - 22-Sep-06 Total: 489,880 THB

FTN Training on Agrobiodiversity, Agybiotechnology and Food Security Coordinator: Mrs. Niramol Pornvilai
Sponsor: Gene Campaign
Duration: 06-Nov-06 - 29-Nov-06
Total: 262,836 THB

Professional Development Course on Management of Training Center Coordinator: Mr. Reynaldo Calabdan, Ms. Kanlaya Muangsang
Sponsor: BPATC, CIDB, Metta
Development Foundation, Multiple Cropping Center
Duration: 24-Apr-06 - 12-Aug-06
Total: 596,000 THB

5th Fredskorpset Preparatory Course in Asia
Coordinator: Mr. Reynaldo Calabdan, Ms. Kanlaya Muangsang
Sponsor: Fredskorpset, Norway
Duration: 24-Apr-06 - 12-Aug-06
Total: 2,040,100 THB

Network Security Coordinator: Mrs. Thaniya Jirasathipornpong, Mr. Fazle Karim
Sponsor: Multi-donors
Duration: 22-May-06 - 09-Sep-06
Total: 446,400 THB

Management of Modern Biotechnology Coordinator: Ms. Worawan Sumroetrum
Sponsor: Multi-Sponsors
Duration: 9-Oct-06 - 30-Dec-06
Total: 392,200 THB

Network Security Coordinator: Mrs. Thaniya Jirasathipornpong, Mr. Fazle Karim
Sponsor: Multi-donors
Duration: 22-May-06 - 09-Sep-06
Total: 446,400 THB

Logistics Management Coordinator: Ms. Khin Ma Ma Gyi
Sponsor: World Health Organization; Maldives Airport Co., Ltd.
Duration: 30-Jan-06 - 04-May-06
Total: 384,000 THB

Community Based Disaster Management Coordinator: Mr. Voravate Chonlasin
Sponsor: World Food Program, Sri Lanka
Duration: 16-Oct-06 - 11-Dec-06
Total: 704,850 THB

Selected Advanced Tools for Oracle 9 Database Development and Administration Coordinator: Mrs. Maria Socorro Fontanilla, Mr. Fazle Karim
Sponsor: The Bank of Mongolia
Duration: 29-May-06 - 30-Sep-06
Total: 1,648,350 THB

IT Applications in Management Coordinator: Mrs. Thaniya Jirasathipornpong, Mr. Fazle Karim
Sponsor: IRQUE Project, Ministry of Education, Sri Lanka
Duration: 5-Jun-06 - 16-Sep-06
Total: 326,844 THB

Remote Area Infrastructure and Networking Project Coordinator: Mrs. Maria Socorro Fontanilla, Mr. Fazle Karim
Sponsor: Multi-donors
Duration: 14-May-06 - 07-Sep-06
Total: 2,644,440 THB

Impact Analysis and Choice of Strategies Coordinator: Mr. Reynaldo Calabdan, Ms. Kanlaya Muangsang
Sponsor: Fredskorpset, Norway
Duration: 22-Sep-06 - 31-Dec-06
Total: 31-Dec-06 THB

Standardization of Power Purchase Pricing Policy for Small Hydro Power Producer in Nepal Coordinator: Mr. Anil Rajbhandari
Sponsor: Nepal Electricity Authority, Nepal
Duration: 30-Jan-06 - 04-May-06
Total: 384,000 THB

Strategic Management of NGOs Coordinator: Mr. Tanuj Kumar Halder
Sponsor: Multi-donors
Duration: 20-Feb-06 - 03-May-06
Total: 480,000 THB

Effective Managerial Skills and Techniques Coordinator: Dr. Pradeep Kumar Dash
Sponsor: Commercial Bank of Ceylon, S.L.
Duration: 20-Feb-06 - 30-Apr-06
Total: 390,000 THB

Working Capital Management and Financial Restructuring Coordinator: Mr. Anil Rajbhandari
Sponsor: Nepal Electricity Authority, Nepal
Duration: 22-Sep-06 - 31-Dec-06
Total: 31-Dec-06 THB

Implementation and Troubleshooting PC Networks Coordinator: Mrs. Thaniya Jirasathipornpong, Mr. Fazle Karim
Sponsor: Multi-donors
Duration: 17-Jul-06 - 30-Oct-06
Total: 370,000 THB

Development of Database for Statistical Data Management Coordinator: Mr. Fazle Karim
Sponsor: FAO
Duration: 27-Feb-06 - 25-Jun-06
Total: 236,000 THB

Project Management Coordinator: Dr. Pradeep Kumar Dash, Ms. Khin Ma Ma Gyi
Sponsor: Multi-donors
Duration: 24-Apr-06 - 19-Aug-06
Total: 1,173,744 THB
## Trainings/Workshops/Short Courses/Symposia

### Ongoing projects

<table>
<thead>
<tr>
<th>Training Program on Effective Management Skills and Techniques</th>
<th>Coordinator: Dr. Pradeep Kumar Dash</th>
<th>Sponsor: Multi-donors</th>
<th>Duration: 2-Oct-06 - 11-Dec-06</th>
<th>Total: 866,466 THB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leadership in Public Services</td>
<td>Coordinator: Mr. Anil Rajbhandari, Ms. Purvi Chudasama</td>
<td>Sponsor: Ministry of Health, Maldives</td>
<td>Duration: 9-Oct-06 - 11-Dec-06</td>
<td>Total: 334,480 THB</td>
</tr>
<tr>
<td>Training Program on iHuman Resource Management</td>
<td>Coordinator: Dr. Pradeep K. Dash</td>
<td>Sponsor: Multi-donors</td>
<td>Duration: 6-Nov-06 - 17-Jan-07</td>
<td>Total: 963,332 THB</td>
</tr>
</tbody>
</table>

### Completed projects

<table>
<thead>
<tr>
<th>Training Program on Management and Implementation of Development Project</th>
<th>Coordinator: Mr. Anil Rajbhandari</th>
<th>Sponsor: Multi-donors</th>
<th>Duration: 23-Oct-06 - 10-Feb-07</th>
<th>Total: 1,565,100 THB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management of Organizational Change</td>
<td>Coordinator: Mr. Wichit Silpamaneephan, Ms. Khin Ma Ma Gyi</td>
<td>Sponsor: BEPZA Bangladesh</td>
<td>Duration: 27-Nov-06 - 28-Feb-07</td>
<td>Total: 370,872 THB</td>
</tr>
<tr>
<td>Modern Public Sector Management</td>
<td>Coordinator: Ms. Sorat Phutthaphithak, Mr. Anil Gopal Rajbhandari, Mrs. Thaniya Jirasathipompong</td>
<td>Sponsor: Sri Lanka Institute of Development Administration</td>
<td>Duration: 20-Nov-06 - 05-Feb-07</td>
<td>Total: 1,018,082 THB</td>
</tr>
</tbody>
</table>

### Other Units

| Training Program on Effective Total: 775,276 THB | Sponsor: Multi-donors | Duration: 4-Sep-06 - 31-Dec-06 |
| Training Program on Human Total: 334,480 THB | Sponsor: Ministry of Health, Maldives | Duration: 6-Nov-06 - 31-Jan-07 |
| Organizational Financial Planning and Cost Control | Coordinator: Ms. Purvi Chudasama | Sponsor: Multi-donors | Duration: 1-May-06 - 31-Jul-06 | Total: 1,560,664 THB |
| Project Monitoring and Evaluation (Mongolian Group) | Coordinator: Dr. Pradeep Kumar Dash, Ms. Purvi Chudasama | Sponsor: Multi-donors | Duration: 24-Apr-06 - 05-Aug-06 | Total: 687,040 THB |
| Good Governance | Coordinator: Mr. Anil Rajbhandari | Sponsor: Office of the Prime Minister, Nepal | Duration: 3-Jul-06 - 14-Oct-06 | Total: 540,000 THB |
| Planning and Administering Good Governance | Coordinator: Ms. Khin Ma Ma Gyi, Ms. Purvi Chudasama | Sponsor: Multi-donors | Duration: 4-Sep-06 - 31-Dec-06 | Total: 775,276 THB |
| Training Program on iHuman Resource Management | Coordinator: Dr. Pradeep K. Dash | Sponsor: Multi-donors | Duration: 6-Nov-06 - 17-Jan-07 | Total: 963,332 THB |

### Internet Education and Research Laboratory (IntERELab)

| Convention on Bio Diversity Workshop | Coordinator: Mr. Voravate Chonlasin | Sponsor: UNEP | Duration: 9-Oct-06 - 30-Apr-07 | Total: 1,912,904 THB |
| IT Applications in Management | Coordinator: Mrs. Thaniya Jirasathipompong | Sponsor: World Bank/IDA/GoB | Duration: 6-Nov-06 - 28-Feb-07 | Total: 388,800 THB |
| Supervisory Skills Development Training for WFP Staff (Batch Two) | Coordinator: Mr. Anil Rajbhandari | Sponsor: World Food Program | Duration: 15-May-06 - 28-Mar-07 | Total: 990,280 THB |
| Knowledge Management and Organizational Learning | Coordinator: Dr. Pradeep Kumar Dash | Sponsor: Multi-Sponsors | Duration: 26-Nov-06 - 08-Mar-07 | Total: 2,499,313 THB |
| Management and Implementation of Development Project | Coordinator: Mr. Anil Rajbhandari | Sponsor: Multi-Sponsors | Duration: 23-Oct-06 - 10-Feb-07 | Total: 1,565,100 THB |
| Management of Organizational Change | Coordinator: Mr. Wichit Silpamaneephan, Ms. Khin Ma Ma Gyi | Sponsor: BEPZA Bangladesh | Duration: 27-Nov-06 - 28-Feb-07 | Total: 370,872 THB |
| Modern Public Sector Management | Coordinator: Ms. Sorat Phutthaphithak, Mr. Anil Gopal Rajbhandari, Mrs. Thaniya Jirasathipompong | Sponsor: Sri Lanka Institute of Development Administration | Duration: 20-Nov-06 - 05-Feb-07 | Total: 1,018,082 THB |

### Basic Routing Training

| Coordinator: Mr. Anil Rajbhandari | Sponsor: Participants | Duration: 1-Aug-06 - 30-Nov-06 | Total: 325,000 THB |

### Basic DNS Training

| Coordinator: Mr. Anil Rajbhandari | Sponsor: Participants | Duration: 1-Aug-06 - 30-Nov-06 | Total: 315,660 THB |

### Advanced Routing Training

| Coordinator: Mr. Anil Rajbhandari | Sponsor: Participants | Duration: 1-Aug-06 - 30-Nov-06 | Total: 325,000 THB |

### Advanced Network Security Training

| Coordinator: Prof. Kanchana Kanchanasut | Sponsor: Participants | Duration: 1-Jan-06 - 31-May-06 | Total: 350,000 THB |

### VoIP and SIP Training

| Coordinator: Prof. Kanchana Kanchanasut | Sponsor: Participants | Duration: 1-May-06 - 30-Jun-06 | Total: 250,000 THB |

### Vclass SIP-based Mobile Classroom

| Coordinator: Prof. Kanchana Kanchanasut | Sponsor: Asian Media Information and Communication Centre (AMIC), Singapore | Duration: 1-Feb-06 - 31-Jan-08 | Total: 1,200,000 THB |

### TEIN2 Workshops in 2006 for HRD

| Coordinator: Prof. Kanchana Kanchanasut | Sponsor: DANTE | Duration: 1-Apr-06 - 31-Mar-07 | Total: 2,055,000 THB |

### Multicast Workshop

| Coordinator: Prof. Kanchana Kanchanasut | Sponsor: Participants | Duration: 6-Oct-06 - 1-Mar-07 | Total: 350,000 THB |

### DSSEC Workshop

| Coordinator: Prof. Kanchana Kanchanasut | Sponsor: Participants | Duration: 6-Oct-06 - 1-Mar-07 | Total: 350,000 THB |
### Completed projects

**Design & Manufacturing**

**Engineering and Industrial Engineering & Management**

The International Conference on Micro/Nano Fabrication Technologies (ICM/NFT06) in Bangkok
- **Organizer:** Assoc. Prof. Erik L.J. Bohez, Chair
- **Collaborator:** Xpert Management Co., Ltd., Thailand
- **Sponsors:** AIT; The University of Toledo/PMMC, USA; American Society for Abrasive Technology, USA; Siamrak Co., Ltd., Thailand
- **Duration:** 1-Aug-05 - 31-Jul-06
- **Total:** 600,000 THB

**Water Engineering and Management**

MTERM International Conference
- **Organizer:** Dr. Mukand Singh Babel, Prof. Ashim Das Gupta
- **Sponsor:** Participants
- **Duration:** 1-Jan-05 - 31-Dec-07
- **Total:** 1,000,000 THB

**School of Environment, Resources and Development**

**Food Engineering and Bioprocess Technology**

International Conference on Innovations in Food and Bioprocess Technologies
- **Organizer:** Prof. Sudip Kumar Rakshit and Dr. Binod Yadav
- **Sponsor:** Participants
- **Duration:** 1-Jun-06 - 31-Jul-07
- **Total:** 570,000 THB

**School of Management**

The 6th Global Conference on Flexible Systems Management 2006
- **Organizer:** Prof. Himangshu Paul
- **Sponsor:** Participants
- **Duration:** 1-Dec-06 - 31-Mar-07
- **Total:** 231,515 THB

The 12th Asia Pacific Management Conference 2006
- **Organizer:** Prof. Nazul Islam
- **Sponsor:** Participants
- **Duration:** 1-Oct-06 - 28-Feb-07
- **Total:** 693,750 THB

### Ongoing projects

**Construction, Engineering & Infrastructure Management**

Seminar on Dispute Prevention and Resolution on Mega Construction Projects
- **Coordinator:** Prof. Stephen O. Ogugnianla
- **Sponsor:** Warner/PPP
- **Duration:** 1-Oct-06 - 30-Sep-07
- **Total:** 418,689.70 THB

**Water Engineering and Management**

**School of Environment, Resources and Development**

**Food Engineering and Bioprocess Technology**

International Conference on Innovations in Food and Bioprocess Technologies
- **Organizer:** Prof. Sudip Kumar Rakshit and Dr. Binod Yadav
- **Sponsor:** Participants
- **Duration:** 1-Jun-06 - 31-Jul-07
- **Total:** 570,000 THB

**School of Management**

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- **Total:** 231,515 THB

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- **Organizer:** Prof. Nazul Islam
- **Sponsor:** Participants
- **Duration:** 1-Oct-06 - 28-Feb-07
- **Total:** 693,750 THB

### AIT Extension

**Seminar and Study Visit for Management Information System and IT**
- **Coordinator:** Mrs. Thaniya Jirasathirongpon, Mr. Fazle Karim
- **Sponsor:** Technology Transfer Training, Bangladesh
- **Duration:** 6-Aug-06 - 30-Nov-06
- **Total:** 251,000 THB

**Seminar cum Study Visit on Mangrove Management in Thailand**
- **Coordinator:** Dr. Sahdev Singh, Mrs. Nirmol Ponwitai
- **Sponsor:** UN Industrial Development Organization
- **Duration:** 1-Sep-06 - 09-Sep-06
- **Total:** 370,000 THB

### Other Units

**Internet Education and Research Laboratory (IntERLab)**

**Asian Internet Engineering Conference (AINTEC) 2005**
- **Organizer:** Prof. Kanchana Kanchanasut
- **Sponsor:** Multi-donors
- **Duration:** 1-Dec-05 - 31-Mar-06
- **Total:** 1,360,000 THB

**Asian Internet Engineering Conference (AINTEC) 2006**
- **Organizer:** Prof. Kanchana Kanchanasut
- **Sponsor:** Multi-donors
- **Duration:** 1-Sep-06 - 31-May-07
- **Total:** 800,000 THB
School of Engineering and Technology

Completed projects

Remote Sensing & Geographic Information Systems

JST, Japan Science and Technology
Coordinator: Dr. Lal Samarakoon
Sponsor: Japan Science and Technology, Japan
Duration: 1-Jan-05 - 31-Mar-06
Total: 2,242,000 THB

Ongoing projects

Computer Science and Information Management

Database Systems for Advanced Applications
Coordinator: Prof. Vilas Wuwongse
Sponsor: Participants
Duration: 1-Dec-06 - 31-May-07
Total: 1,700,000 THB

Construction, Engineering & Infrastructure Management

EU-Asia Network of Competence Enhancement on Public-Private Partnerships (PPPs) in Infrastructure Development
Coordinator: Prof. Stephen O. Ogunlana
Sponsor: The European Union
Duration: Apr-04 - Apr-07
Total: Euro 400,000

Mechatronics and Microelectronics

Nanotechnology Center of Excellence (CoEN)
Coordinator: Dr. Joydeep Dutta
Sponsor: NANTEC, NSTDA & Royal Thai Government - AIT
Duration: May-06 - 2010
Total: 25,000,000 THB

Remote Sensing & Geographic Information Systems

Digital Asian Network 2006-2009
Coordinator: Dr. Lal Samarakoon
Sponsor: Keio Research Institute at SFC, Keio University, Japan
Duration: 1-Mar-06 - 31-Mar-09
Total: 362,835 THB

Japan Science and Technology 2006-2007
Coordinator: Dr. Lal Samarakoon
Sponsor: Japan Science and Technology Agency
Duration: 1-Apr-06 - 31-Mar-07
Total: 831,750 THB

Structural Engineering

Reconstruction and Development in the Tsunami-Hit Phangnga Province
Coordinator: Mr. Gyanendra R. Sthapit/Habitech Center
Sponsor: European Commission
Duration: 1-Dec-05 - 31-Dec-08
Total: 3,021,700 THB

Transportation Engineering

Thailand Accident Research Center
Coordinator: Dr. Kunnawee Kanitpong
Sponsor: Department of Highways, Thailand
Duration: 1-Jul-05 - 30-Jun-07
Total: 14,000,000 THB

Water Engineering and Management

UN Water Virtual Learning Center (WVLC)
Coordinator: Dr. Mukand Singh Babel, Prof. Ashim Das Gupta, Dr. Roberto Clemente, Dr. Nowarat Coowanitwong, Dr. Kou Ikejima
Duration: 2005-2007

School of Environment, Resources and Development

Aquaculture and Aquatic Resources Management

Development of Pre-bridging Program and Mentoring Program for Lao PDR, Cambodia and Vietnam Students to Enter Flexible Masters Program at AIT
Coordinator: Dr. Amaratanne Yakupitiyage
Sponsor: Swedish International Development Cooperation Agency, Sweden
Duration: 1-Feb-06 - 01-May-06
Total: 678,400 THB

Study Tour for Shrimp Farming Aquaculture
Coordinator: Dr. Yang Yi
Sponsor: Research Institute for Aquaculture, Vietnam
Duration: 11-Nov-06 - 17-Nov-06
Total: 72,324 THB

Energy

Setting up of National Association for Cogeneration and Distributed System in ASEAN (EC-ASEAN Energy Facility)
Coordinator: Dr. Weerakorn Ongsakul, Dr. Mithulananthan Nadarajah
Sponsor: EC-ASEAN Energy Facility (EAEF)
Duration: 1-Jan-05 - 31-Jan-06
Total: 7,875,844 THB

Capacity Building in Formulating Harmonized Policy Instruments for the Promotion of Renewable Energy (RE) and Energy Efficiency (EE) in the ASEAN Member Countries
Coordinator: Dr. Mithulananthan Nadarajah, Dr. Weerakorn Ongsakul
Sponsor: EC-ASEAN Energy Facility (EAEF)
Duration: 12-Jan-05 - 31-May-06
Total: 7,969,800 THB

Center for Sustainable Urban Regeneration, The University of Tokyo, Japan
Coordinator: Dr. Toshiya Aramaki
Sponsor: University of Tokyo, Japan
Duration: 1-Feb-06 - 30-Apr-06
Total: 280,000 THB

Environment Management

Development of Teaching and Training Modules for Higher Education in Waste Management Sector (TETRAWAMA)
Coordinator: Prof. C. Visvanathan
Sponsor: European Commission
Duration: Apr-03 - Sep-06
Total: 1,374,912 THB

Natural Resources Management

MSU Study Abroad Program IV
Coordinator: Prof. Ganesh P.Shivakoti and Dr. Soparth Pongquan
Sponsor: Michigan State University, USA
Duration: 1-Jan-05 - 31-Dec-06
Total: 2,051,980 THB

Urban Environmental Management

UMP (Urban Management Programme)-AIT Partnership
Coordinator: Dr. Ranjith Perera and Dr. Barbara Earth
Sponsor: United Nations Human Settlements Programme (UN HABITAT)
Duration: 15-Sep-02 - 31-Dec-06
Total: 10,911,198 THB

UEN - GENDEV Collaboration
Coordinator: Dr. Ranjith Perera and Dr. Barbara Earth
Sponsor: United Nations Human Settlements Programme (UN HABITAT)
Duration: 25-Sep-00 - 31-Dec-06
Total: 9,374,102 THB
Ongoing projects

Aquaculture and Aquatic Resources Management

Capacity building of small-scale shrimp farmers on adaptation of best management practices (BMPs) to promote Thai Shrimp export to the EU.
Coordinator: Dr. Dhireendra Prasad Thakur
Sponsor: European Commission
Duration: 1-Sep-06 - 31-Jan-08
Total: 8,034,639 THB

Capacity Building of Coastal Communities on Coastal Mitigation
Coordinator: Dr. Wenresti G. Gallardo, Dr. Animesh Dutta, Dr. Kou Ikejima, Dr. Mokbul Morshed Ahmad, Prof. Dennes T. Bergado
Sponsor: USAID
Duration: 1-Nov-06 - 30-Apr-07

Resources Management in Cambodia, Nepal and Vietnam
Coordinator: Dr. Amrit N. Bart
Co-coordinator: Dr. Ram Bhujel
Sponsor: Asia-Link, European Union
Duration: 1-Sep-05 - 31-Aug-08
Total: 14,425,150 THB

Development of Marine and Coastal Resources Database in Thailand
Coordinator: Dr. Kou Ikejima
Sponsor: UNEP ROAP
Duration: 20-Aug-05 - Jun-07
Total: 2,460,000 THB

Post-Tsunami Sustainable Coastal Livelihoods Program
Coordinator: Dr. Amrit N. Bart
Sponsor: US Agency for International Development (USAID)
Duration: Mar-05 - Mar-08
Total: 12,760,605

AIT-Coca Cola for Sustainable Coastal Livelihoods Project in Ranong
Coordinator: Dr. Amrit N. Bart
Sponsor: Coca Cola (Thailand) Ltd.
Duration: 1-Oct-05 - 31-Mar-08
Total: 8,000,000 THB

Energy

Targeted Capacity Development on CDM (TCF - CDM) in Thailand
Coordinator: Prof. Ram M. Shrestha, Prof. Sivanappan Kumar
Sponsor: UNEP Risoe Centre (URC)
Duration: 15-Apr-06 - 30-Jan-07
Total: 2,452,450 THB

Coordinator: Dr. Mithulananthan Nadarajah, Prof. Ram Shrestha, Dr. Animesh Dutta
Sponsor: Norwegian Ministry of Foreign Affairs
Duration: 1-Aug-06 - 31-Dec-09
Total: 4,140,000 THB

Transfer of EU Knowledge and Technology for Development of Wind Energy Tech. in Thailand
Coordinator: Dr. Mithulananthan Nadarajah, Dr. Weerkorn Ongsakul, Dr. Animesh Dutta
Sponsor: EU Thailand Economic Cooperation SPF
Duration: 1-Jan-06 - 28-Feb-07
Total: 6,575,000 THB

Strategic Database of Energy and Air Pollution in ASEAN and South Asian Countries
Coordinator: Prof. Ram M. Shrestha
Sponsor: Mizuho Information and Research Institution, Inc., Japan
Duration: 13-Nov-06 - 28-Feb-08
Total: 1,950,000 THB

Environmental Engineering and Management

Asian Regional Research Programme on Environmental Technology Phase II (ARRPET Phase II)
Coordinator: Prof. Ajit Annachatre
Sponsor: Sida
Duration: 1-Jan-04 - 31-Dec-07

3R Knowledge Hub
Coordinator: Prof. C. Visvanathan
Sponsor: Asian Development Bank
Duration: 10-Oct-06 - 09-Oct-08
Total: 4,500,000 THB

Quality Assurance for the Curriculum and Course Materials for the Major Courses of Undergraduate Environmental Science (RUPP)
Coordinator: Dr. Thammarat Koottatep
Sponsor: Royal Danish Embassy
Duration: 1-Apr-03 - 31-Mar-07
Total: 2,297,400 THB

Development of an International Long Distance Internet Based Masters Course on Environmental Technology and Management
Coordinator: Prof. C. Visvanathan
Sponsor: Asia-Link; European Commission
Duration: 11-Aug-06 - 31-May-07
Total: 2,621,843 THB

National Center of Competence in Research North-South: WP3: Health and Environmental Sanitation
Coordinator: Dr. Thammarat Koottatep
Sponsor: EAWAG, Switzerland
Duration: Sept-02 - Dec-09
Total: 14,668,452.64 THB

Quality Assurance for the Curriculum and Course Materials for the Major Courses of Undergraduate Environmental Science (RUPP)
Coordinator: Dr. Thammarat Koottatep
Sponsor: Royal Danish Embassy
Duration: 1-Apr-03 - 31-Mar-07
Total: 2,297,400 THB

Swedish Resource Persons under ARRPET II
Coordinator: Prof. Ajit P. Annachatre
Sponsor: Sida
Duration: 1-Jan-04 - 30-Jun-08
Total: SEK 681,000

Gender and Development Studies

NORAD-Gender and Development Studies 2006-2009
Coordinator: Dr. Bernadette Resurreccion
Sponsor: NORAD
Duration: 1-Jan-06 - 31-Dec-09
Total: 20,781,377 THB

Post-Graduate Education: Gender and Social Analysis in Environment & Development
Coordinator: Dr. Bernadette Resurreccion
Sponsor: IDRC
Duration: 2005-2008
Total: 8,406,177 THB

IDRC Publication on Gender and Natural Resources Management in Asia
Coordinator: Dr. Bernadette Resurreccion
Sponsor: IDRC
Duration: 2005-2007
Total: 372,520 THB

Natural Resources Management

AIT Support to National University of Laos
Coordinator: Dr. Dietrich Schmidt-Vogt
Sponsor: SIDA-Swedish Research Council
Duration: 1-Sep-06 - 30-Jun-07
Total: 2,012,000 THB

Regional and Rural Development Planning

AIT-Norwegian Institution Networking
Coordinator: Prof. Jayant Routray
Sponsor: The Norwegian Ministry of Foreign Affairs
Duration: 1-Jan-06 - 31-Dec-09
Total: 12,178,388 THB
Other Projects

Urban Environmental Management
Southeast Asia Urban Environmental Management Applications (SEA-UEMA) Project
Coordinator: Prof. A.T.M. Nurul Amin, Dr. Nowarat Coowanitwong, Dr. Kyoko Kusakabe, Dr. Vilas Nitivattananon, Dr. Edsel Sajor
Sponsor: Canadian International Development Agency (CIDA)
Duration: Nov-03 - Nov-08
Total: CAD$ 9,479,839

School of Management

Completed projects
Ansell Leadership Development Program 2005 - 06
Coordinator: Dr. Singha Chiamsiri, Dr. Sundar Venkatesh
Sponsor: Ansell Ltd., Australia
Duration: 1-Sept-05 - 30-Nov-06
Total: 4,092,090 THB

Technolopreneur Development Program 2006
Coordinator: Dr. Barbara Igel
Sponsor: NECTEC, Thailand
Duration: 11-Mar-06 - 30-Jun-07
Total: 1,050,000 THB

2nd Swiss EMBA Programme Study Trip
Coordinator: Prof. John Tang
Sponsor: University of Applied Sciences (HTW, Churs) Switzerland
Duration: 15-Dec-06 - 15-Feb-07
Total: 864,000 THB

DBA Program in Sri Lanka 2006
Coordinator: Prof. I.M. Pandey
Sponsor: Participants
Duration: 31-Oct-06 - 31-Dec-09
Total: 11,988,000 THB

DBA Program in Bangkok 2006
Coordinator: Prof. I.M. Pandey
Sponsor: Participants
Duration: 31-Oct-06 - 31-Dec-09
Total: 15,552,000 THB

MTEC Management Development Program (MTEC MDP)
Coordinator: Dr. Singha Chiamsiri
Sponsor: National Metal and Materials Technology Center (MTEC), NSTDA
Duration: 1-Dec-06 - 31-Aug-07
Total: 2,000,000 THB

Ansell Leadership Development Program 2006-07
Coordinator: Dr. Sundar Venkatesh
Sponsor: Ansell Limited, Australia
Duration: 1-Oct-06 - 30-Sep-07
Total: 3,948,000 THB

Other Units

Internet Education and Research Laboratory (IntERLab)

Ongoing projects
APNG Secretariat
Coordinator: Prof. Kanchana Kanchanasut
Sponsor: Asia Pacific Networking Group
Duration: 1-Dec-06 - 30-Nov-07
Total: 600,000 THB

The AIT-Hannover University Greenhouse Project

CIDA-AIT agreement on urban environmental management made in the form of Southeast Asia Urban Environmental Management Applications (SEA-UEMA) Project, aims to improve the Urban Environmental Management (UEM) policies and good practices in the region.

AIT’s Habitech Center assisted in EU-ASIA PRO ECO II B post-tsunami reconstruction work in Baan Nam Khem Village, Phangnga Province.
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Ambassador of Philippines to Thailand
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Country Director, Thailand Resident Mission, Asian
Development Bank
Khunying Jada Wattanasiritham
President of the Siam Commercial Bank Public Co., Ltd.
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H.E. Miss Vijaya Latha Reddy
Ambassador of India
Incoming Ambassador of Nepal
Dr. Pavich Tongroach
Secretary-General of the Higher Education Commission
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3. Prof. Vilas Wuwongse
   Vice President, External Relations
4. Prof. Stephen Ogulana
   Chairman of the Academic Senate
5. Prof. Dennes T. Bergado
   Representative of the Faculty
6. Representative of the Staff
   (To be elected)
7. Mr. Imran Khan
   President of the Student Union

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Mrs. Kulvimol Wasunthiawan
Secretary to the Board
Full-Time Faculty 2006

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Ambika Prasad Gautam  
M.Sc., Ph.D., AIT  
Lecturer, Natural Resources Management (SERD)

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IT has steadily evolved since its inception as the SEATO Graduate School of Engineering in 1959 and has earned a reputation for high quality teaching, research and outreach activities. The Institute's academic programs, leading to master's or doctoral degrees, diplomas or certificates, are offered in response to the needs of the countries in the region. They are interdisciplinary so that engineering subjects are supplemented with their applications in the economic and social context.

The needs of Asian countries for higher education in engineering, technology and management focusing on environment, gender equality and sustainable development, continue to be high. This demand outpaces the capacity of the Institute to help in the human resource development and capacity building of the region. To meet this demand, AIT enters into cooperation or partnership agreements with governments, their national-level agencies, state universities and research institutions, international funding organizations, foundations as well as the private sector. In addition, the Institute continues to develop and foster academic and research links with Asian, European and American institutions for student and faculty exchange programs.

Africa

The AIT-Africa Initiative Task Force is working on the preparation of a forum titled Asia-Africa Initiative for Higher Learning in Science and Technology for Development in close collaboration with UNESCAP. The forum is scheduled for early 2008. The objective of the forum is to discuss about how Asia and Africa can work together to contribute to sustainable development with the help of higher learning in science and technology. The forum will provide a platform where stakeholders, policy makers, donor partners and academic & research institutions like AIT can work together to meet the objectives.

Australia

The Australian government's official multi-lateral program at AIT, inclusive of scholarships for Asian students, ended in the early 1990s. However, AIT continues to promote cooperation with Australian institutions through agreements on academic and student exchanges, dual-degree and joint-teaching programs as well as collaboration on research.

Currently, the following collaborative programs are under process:

- University of Wollongong, for a dual-degree program in Environmental Engineering under the existing MoU.
- Royal Melbourne Institute of Technology, for a dual-degree program in Food Engineering and Bioprocess Technology under the existing MoU.
- Deakin University, for dual-degree programs in Water Engineering and Management under the existing MoU.

Austria

AIT and Austria had signed several scholarship agreements since the early 1990s for the support of Asian nationals to study at AIT, particularly Bhutanese students nominated by the Royal Civil Service Commission (RSCS) of Bhutan.

Recently, the Austrian Development Agency (ADA), Vienna and AIT signed an agreement for academic cooperation (2006 to 2009). Under this cooperation, ADA will provide 20 full master's scholarships for candidates from Bhutan, Afghanistan and Nepal in order to help in the development of human resources in these countries. At the end of 2009, ADA and AIT will sign another agreement for 10 full master's scholarships covering a period of two more years.

Bangladesh

AIT's partnership with Bangladesh is implemented through MoUs on international cooperation in education and research for institutional capacity building. These MoUs are with the Ministry of Science, Information and Communication Technology, and institutions such as the American International University, Chittagong and the International Islamic University, Bangladesh. Besides the few AIT administered scholarships, majority of Bangladeshi master's and doctoral students are supported with scholarships through grants from the World Bank, Denmark, and the Asian Development Bank to government agencies/universities.

In order to attract self-supported and/or externally funded students, AIT intends to speed up promotion activities in Bangladesh through visits to prominent private universities in Bangladesh through, education consultancy agencies, and student recruitment agents in Bangladesh.

Belgium

Although official Belgian multi-lateral assistance program at AIT has ended, Belgium has actively been providing bilateral grants to its program countries in the Greater Mekong Subregion. Through its bilateral project in Vietnam, five Vietnamese scholars are funded under the two-stage master's program conducted at AIT Center in Vietnam and at AIT.

Bhutan

AIT has entered into a fellowship agreement with the Royal Civil Service Commission of Bhutan for Bhutanese students to be funded jointly by Bhutan and AIT fellowships. In addition to those Bhutanese students funded by the Austrian Government scholarships, Bhutanese scholars are also supported by the Bhutanese government or state agencies such as the Department of Roads and Chukka Hydropower Corporation.
Brunei
Initiatives are on to formalize partnership with the University of Brunei Darussalam (UBD), Brunei. The Vice President for External Relations is scheduled to visit UBD in February 2007. Potential areas in which there could be collaboration with UBD are: faculty development for UBDís Department of Computer Science; joint masterís and Ph.D. programs in petroleum geoscience; and AIT assisting in the establishment of a new Faculty of Engineering at UBD.

Cambodia
AIT has entered into several agreements with donor governments for human resource development of the Cambodian government and universities. There have been provisions of AIT administered scholarships to qualified Cambodian candidates nominated by the different ministries. A new MoU being explored with the Ministry of Education, Youth and Sports seeks third party funding for masterís and doctoral degree students from Cambodia. AIT also helped the Royal University of Phnom Penh in academic curriculum development and an AIT faculty was stationed in Cambodia for a certain period.

Canada
The five year partnership program (2003-2008) between AIT and the Canadian International Development Agency (CIDA) is implemented through the Southeast Asia Urban Environmental Management Applications (SEA-UEMA) Project, UEM Field of Study, SERD. Under the graduate education component of the Project, it provides masterís and doctoral scholarships in the field of Urban Environmental Management for students from Southeast Asian countries, namely, Cambodia, Lao PDR, Indonesia, the Philippines, Thailand, Timor-Leste, and Vietnam. The application components of the project include alumni demonstration projects, joint action research, sub-sector networks and professional support program, and application of research results and lessons learned.

AIT also has several academic exchange programs with Canadian universities that provide Canadian students opportunity to undergo special study or research in Asia through AIT.

Central Asia
Central Asia is an emerging market. A Central Asia task force in coordination with regional experts from the United Nations Environmental Programme - Regional Resource Center for Asia and Pacific has been formed. The President attended a meeting on the Interstate Sustainable Development Commission for Central Asia in Turkmenistan in March 2006, during which AIT was officially listed by the participating governments as a collaborative partner.

H.E. Dr. Arystanbek Davletkeldiev, Director of State Agency for Environment Protection and Forestry, Kyrgyz Republic, accompanied by senior officials from Republic of Kazakhstan and Republic of Tajikistan visited AIT. In addition, Mr. Asadjon Khodjaev, Deputy Director General of Communication and Information Agency of Uzbekistan and his delegation also visited AIT.

AIT was represented by intERLab at the National ICT Summit in Tashkent, Uzbekistan held from 25 to 26 September 2006. It is the first step of establishing the collaboration between Central Asia partners and ICT experts at AIT.

China
New initiatives are under way to promote AIT and to recruit students from China. The possibility of appointing student recruitment agencies is being explored. AIT has established contacts with the Dongfang International Center for Education Exchange, Beijing. The Center is part of the China Scholarship Council, which is a nonprofit institution under the Ministry of Education. The Council administers financial support for Chinese students going abroad to study and foreigners coming to study in China.

AITís formal partnership program with China is implemented through an MoU between AIT and the Department of International Cooperation and Exchange, Ministry of Education of China for masterís or doctoral degree scholarships at AIT for Chinese students nominated by the China Scholarships Council. Several MoUs have been successively signed since 1993, and the next MOU will cover the period 2007-2009 under which 10 doctoral degree scholarships are expected to be offered.

A delegation comprising of the President, Vice President for External Relations and few faculty members will visit China for promotional activities.

AIT also entered into several agreements on academic cooperation and exchanges with a number of reputed Chinese universities and institutions such as Wuhan University, Heilongiang Bureau of Surveying and Mapping, Kunming University of Science and Technology, Chinese Academy of Engineering, Tongji University and the Chinese Academy of Surveying and Mapping.

Denmark
The Danish multi-lateral support for scholarships program at AIT for students ended in 2004. Thirteen doctoral students who were offered Danish scholarships during the agreement period are continuing their studies with the last batch expected to graduate in December 2007. The objective of the Danish support was to impart and improve the technical and managerial skills of Asians, enabling them to play key roles in guiding an accelerated yet sustainable development process in the region.
AIT continued to seek partnerships with the Danida program countries in Asia through their bilateral cooperation. Notable among these bilateral programs is the WaterSPS project based at the Water Resources University (WRU) in Hanoi. Vietnamese staff and faculty working at WaterSPS and WRU were supported for their masterís or certificate studies at AIT.

AIT also continues to promote close relationships with Danish organizations. For example, an MoU was signed with the UNEP Collaborating Centre on Water and Environment (UCC-Water) Denmark, on 9 January 2006. The MoU serves as an arrangement to encourage mutual ties of friendship and understanding between the two parties and to further develop collaborative activities in the areas of mutual interest through education and training.

Ethiopia
A number of Ethiopian doctoral students at AIT funded with bilateral grants provided by the World Bank or European donors to Ethiopian universities such as the Alemaya University ñ Agricultural Research Training Project, and the Ethiopian Agricultural Research Organization have completed their study and graduated. Most of these doctoral graduates, who are senior faculty members or department heads in Ethiopian universities, have returned back to Ethiopia. Currently, one Ethiopian student is awaiting his graduation.

European Union (EU)
AIT has had a productive cooperation with the European Commission through successive European Union-funded programs at AIT that include scholarships for Asian and European students. Noteworthy was the Postgraduate Technological Studies (PTS) Program in 1999-2002. In recent years, AIT won research grants for projects under the ECís Asia-Link Programme. AIT intends to continue participating in this program by partnering with institutions in Europe and Asia.

AIT Energy field of study also launched a project named iTransfer of EU Knowledge and Technology for Development of Wind Energy Technology in Thailand.1 It is co-funded by the Commission of the European Communities through EU-Thailand Economic Cooperation Small Project Facilities. The objective of the project is to promote the wind energy sector in Thailand with the transfer of knowledge and technology from EU and to support the Thai governmentís move toward greater energy security, diversity and independence. The project activities will take the form of studies, workshops, seminars and training sessions that are aimed at creating awareness and capacity-building in wind energy sector in Thailand. They will target personnel from electric utilities, financial institutions, existing independent power producers and small power producers, energy supply companies, universities and other related government and private entities.

Finland
AITís main partnership program with the government of Finland is implemented through the AIT-Finland MoU that was successively renewed since the 1990s. The MoU for 2004-2006 provided support for the Pulp & Paper Technology (PPT) and Information and Communications Technologies (ICT) fields of study. Under the MoU, masterís scholarships to Asian students at AIT were offered in the August 2006 semester intake. Negotiations for the renewal of this MOU are underway. The Government of Finland was also involved in the evaluation of the instituteís administration and management. Several Finnish companies, in the past, also provided scholarships such as Telecom-Finland-SONERA and Nokia.

Finland Governmentís approval of the renewal of the MoU for the period 2007-2009 is expected in early 2007.

France
A founder of AIT, France has supported AIT under various schemes since its creation in 1959. Within the general objectives of the French cooperation in the region, under the aegis of the Regional Co-operation Office in Southeast Asia, the current activities of the French cooperation at AIT are developed along several axes with the aim of fostering the development of the region through human resource development and capacity building:

• the development of joint academic and research activities between AIT and French institutions with a particular focus on high quality doctoral program and research. In this framework, the French cooperation welcomes and fully supports the strategic initiatives taken by AIT.

• the coordination and integration of AITís activities with other relevant sponsored cooperation programmes in the ASEAN and the wider Asian region.

In 2006, the support provided by the French cooperation programme to AIT amounts to 645,300 Euros. French support also included contributions to the ICT-Asia programme and a specific program in favor of Tibetan students from China. Under the latter program, 3 students joined the AIT bridging program in March 2006 and were enrolled in the masterís program in August 2006 semester.

There were 23 new students admitted in 2006 in 3 main academic fields: information and communications technologies, energy and environment and business education, including 2 students enrolled in the doctoral programme. By February 2007, it is expected that there will be 40 holders of French scholarships enrolled at AIT, including those admitted in 2006.
Also in 2006, the French cooperation will have sponsored the participation of 29 AIT students to exchange, dual-degree programs or research internships in French academic and research institutions such as ESCP-EAP, CERAM, INT, EDHEC, INRIA and CEMAGREF. Twenty of these students will receive dual-degree master’s degrees from AIT and a French partnering institution (ESCP-EAP, INT, CERAM).

AIT’s French partner, Institut National des Telecommunications (INT) has officially notified that the institutes’ joint Master of Science program entitled "ComNets - Communication Networks and Services" has been accredited by the French Conference des Grandes Ecoles. This is possibly the first time that an AIT offering in the engineering field was accredited. The accreditation received is an initial and provisional one valid for one year after which it will be reexamined. The dual-degree master’s program with the French institute requires students to spend one year at AIT followed by one year at INT. After completing the program, the students will receive master’s degrees from both AIT and INT. The accreditation covers both parts of the master’s program.

**Germany**

Although official multi-lateral programs at AIT by the German government ended in 2002, AIT continues to seek cooperation with Germany through academic exchanges and joint degree programs between AIT and top German universities.

The newly appointed German ambassador to Thailand, H.E. Dr. Christoph Brummer, visited AIT in February 2006. The visit was an occasion to strengthen the collaboration between AIT and German government. The Ambassador had an open discussion with the recipients of Katolischer Akademischer Auslander - Dienst (KAAD) Scholarships and students from Germany. In addition, visits to the Industrial Systems Engineering (ISE) laboratories and the Hannover-AIT Protected Cultivation Project under the School of Environment, Resources and Development were also made.

The German Academic Exchange Service (DAAD), which had provided substantial number of scholarships through the German-AIT Cooperation Program in the past, has shown renewed interest. Accordingly, discussions are ongoing for DAAD scholarships for Asian students to study at AIT, and joint programs between AIT and German universities.

To know about AIT, Dr. Markus Waechter, Director of German Institute of Science and Technology in Singapore visited AIT and also Professor Volkhard Wtzel, director of German Federal Institute of Hydrology, Germany paid a visit to AIT in 2006.

**India**

AITís main partnership programs with India are implemented through the Indian faculty secondment program at AIT and operational grant support through the local currency fund for Indian students, staff and faculty. As India is no longer a major recipient of international scholarship grants, many Indian students enroll at AIT with external funding support as well as through the AIT fellowships scheme. AIT has signed a number of student recruitment agreements with companies in India to attract fee paying students from India.

AIT has signed MoUs with two institutions in India for Unified bachelor-masterís degree program. The institutions are Sir Padampat Singhania University in Rajasthan and Shivaji University in Maharashtra. Several promotional activities will be undertaken to promote the unified program in Thailand. The target number of students is about 150.

**Indonesia**

AITís partnership activities with Indonesia are implemented through its MoUs with Indonesian Government Ministries such as Ministry of Public Works as well as several top Indonesia universities such as with Andalas University, Petra Christian University, Atma Jaya University, University of Gadjah Mada and Bogor Agricultural University. Under these MoUs, Indonesian university faculty and researchers are admitted to AITís masterís and doctoral degree programs. AIT and the Institute of Technology Sepuluh Nopember (ITS) in Indonesia also entered into an agreement on 1 July 2006 for establishing collaborative programs.

On 28 June 2006, AIT established the AIT Center in Indonesia (AIT-CI) in collaboration with the Ministry of Public Works (MPW), Indonesia. Its current status is based on the MoA between AIT and MPW for a period of five years. AIT-CI operation has been legalized by the Minister of Public Worksí Decree that provides funding from the state budget for the first three years (2006-2008) of its operation.

AIT in collaboration with the University of Gadjah Mada and AIT-CI will launch an 18-month joint dual-degree masterís program in transportation systems & engineering. The program which will be implemented by the AIT-CI will start from August 2007 with full funding for 20 students provided by the World Bank. Students would spend 9 months at University of Gadjah Mada and the remaining 9 months at AIT and AIT-CI.

To attract fee paying students from Indonesia, AIT has signed a student recruitment agreement with a company in Indonesia.

In 2006, AIT President made several follow-up visits to partner institutions in Indonesia. AIT also received
several delegations from partner institutions in Indonesia.

Iran
A high level delegation led by H.E. Dr. Hassan Khaleghi, Deputy Minister of Science, Research and Technology of the Islamic Republic of Iran visited in July 2006 to discuss cooperation between AIT with Tarbiyat Modarres University (TMU). TMU is a well-known State University and is responsible for training teachers to be absorbed into other universities in Iran. Possible collaborative activities are a cooperation program focusing on student exchange, faculty exchange, joint supervision of research projects, and post-doctoral fellows to be sent to AIT for a semester to teach. The concept of sending TMU Ph.D. scholars to AIT for a semester to pursue their research activities was also discussed.

AIT has also explored collaboration and received encouraging feedback from the Ministry of Education of Iran and several universities such as Amirkarbir University, Azad University, Shomal University and the University of Tehran.

Israel
Opportunities for cooperation were discussed with H.E. Ms. Yael Rubinstein, Ambassador of Israel to Thailand who visited AIT in March 2006. The Israeli Ambassador expressed interest in exchange programs between AIT and institutions in Israel as a start to take part in the internationality of AIT. She also informed AIT about the Israel-Thailand cooperation that was signed to strengthen the culture, education, research and science programs between Israel and Thailand and that it would be a great opportunity for AIT to be part of this cooperation. The ambassador informed the president that through her embassy, she would assist AIT in building partnerships and cooperation programs with institutions and organizations in Israel.

Japan
The Government of Japan’s support to AIT started in 1969. It is one of the largest and oldest donors to AIT. The Japanese Government is, by far, the second largest government supporter of AIT, following the Royal Thai Government. The usual annual support of the Japanese Government, mainly through the Ministry of Foreign Affairs and the Japan International Cooperation Agency (JICA), and more currently the Japan Aerospace Exploration Agency (JAXA), to AIT has been in the forms of scholarships, equipment grants, operating grants, special funds for specific purposes/projects, and faculty secondment. From 1971 to present, a total of 127 Japanese experts have been seconded to AIT to contribute to various academic programs of AIT.

The Ministry of Foreign Affairs scholarships for master’s degree and doctoral degree programs are earmarked for students from developing countries in the Greater Mekong Sub-region, Central Asia and South Asia. From 1969-2006, almost 900 nationals from 29 countries have been awarded with Japanese scholarships to study at AIT.

The new Japanese ambassador to Thailand and AIT trustee, H.E. Mr. Hideaki Kobayashi also visited the campus in February 2006. During his visit, he was briefed on the partnership between Japan and AIT. Areas in which the partnership could be further strengthened were also explored.

A proposal for the modification of the utilization of income from the Japan-AIT Human Resources Development Endowment Fund has been approved by the Japanese government. This will allow for a fund of approximately 1,500,000 baht to be utilized each year for short-term Japanese experts at AIT. The Japan-AIT Human Resources Development Endowment Fund, an amount of US$ 500,000, was donated to AIT in 1986 for the purpose of human resource development for Asia and the Pacific.

AIT has also entered into several academic exchange and research cooperation programs with leading Japanese universities and research institutions such as with Keio University, Kyoto University, National Institute of Informatics, Tokyo, the University of Tokyo, the University of Tsukuba, and the University of Yamanashi to name a few.

Visitors from key Japanese partners during the reporting period include those from: Japan Aerospace Exploration Agency (JAXA), University of Tokyo, Tokyo Institute of Technology, National Institute of Informatics (NII) and Ochanomizu University.

Jordan
AIT was invited by the Royal Scientific Society of Jordan in March 2006 to participate and present about AIT at the 9th Commission on Science and Technology for Sustainable Development in the South. High-level representatives from 14 member countries participated in this conference. Furthermore, meetings were arranged with senior administrators and faculty members of the University of Jordan. There is an interest to send faculty members and potential students to AIT. Discussions were also held with the Jordanian Ministry of Higher Education in this respect. Meetings were also held with the United Nations University’s International Leadership Institute. There is demand for AIT to offer short-term training programs.

Korea
The partnership between Korea and AIT started way back in 1975 when the Korean Government seconded Korean faculty to AIT through the Ministry of Science and Technology, Korea and currently through the Korean International Cooperation Agency (KOICA). The secondment of faculty has been
arranged by KOICA through the Korean Embassy and the KOICA Office in Bangkok in cooperation with various institutes and universities in Korea. Korean experts seconded to AIT up to now totals 25. Since its inception in 1975, seconded Korean faculties have provided invaluable expertise to the various schools and fields of study at AIT.

In January 2006, the Government of the Republic of Korea, through KOICA formalized a second contribution of US$ 500,000 to the Korea Endowment Fund at AIT. The Korea Endowment Fund, established by the Government of the Republic of Korea in 1981, started with the amount of US$500,000 and now amounts to US$1,000,000, which is being used in financing scholarships for students from developing countries in Asia.

AIT has entered into academic cooperation and exchange programs with a number of leading Korean universities and institutions. The long-standing partnership is also exemplified through the following accomplishments:

- The Korea House building which was formally opened at AIT in 1982. To date, the Korea House has served the entire AIT community by bringing them together under one roof for various social activities. With joint efforts plus the support of KOICA, the upgrade of the facility at Korea House is being looked into.

- The Arirang Endowment Fund established in 2000 by Dr. Young-Suk Hyun, then on secondment from KOICA. The Fund supports North Korean nationals to come to AIT for short-term training courses as well as degree programs.

- AIT academic cooperation and exchange programs with Hanyang University, Korea Advanced Institute of Science and Technology (KAIST), the Kumoh National University of Technology, and the Korea Institute of Science and Technology (KIST) for a dual-degree program for eligible AIT and KIST students.

- An agreement with the Korea Polytechnic University (KPU) on academic collaboration and exchange. The Korean concept on ë…ngineering Houseí and ëUniversity-Industry Relationsí was discussed at length during a meeting. It is anticipated that both universities will develop concrete collaborative activities in this area.

### Malaysia

AIT continues its promotional efforts to increase awareness of AIT in Malaysia and to attract Malaysian students to AIT.

In July 2006, a delegation from the Institution of Engineers (Mechanical Engineering Technical Division), Malaysia visited AIT. The objective of the visit was to study the roles of AIT in energy efficiency and renewable energy for Asia and other developing countries.

Also in July 2006, a visiting delegation from the Universiti Kebangsaan Malaysia (UKM) was received by AIT to discuss an agreement for collaboration in academic, research and other activities. UKM is already a partner in the Asian Regional Research Programme on Environmental Technologies (ARRPET) carrying out research with faculty from the Environmental Engineering and Management field of study. UKM and AIT already have a fruitful relationship in the fields of advanced technologies and engineering, but UKM would like to pursue and work out details of a broader partnership. UKM would like to send their faculty and students to study at AIT to meet the needs of human resources development and institutional capacity building.

A delegation from the Universiti Teknologi Malaysia (UTM) visited AIT to learn more about AIT and to seek opportunities for collaboration on student/faculty exchanges, joint research projects and faculty and staff development through both degree programs and training programs.

To strengthen the partner relationship, a delegation from the Universiti Teknologi Petronas, Malaysia, made an official visit to AIT in reciprocation to an AIT School of Engineering and Technology delegationís visit to Malaysia a few months back. Discussions centered on collaboration between the two universities, mainly with regard to AITís Offshore Technology and Management program.

### Maldives

AIT continues to explore possibility to increase the recruitment of students from Maldives, a non-traditional source of AIT students, through promotions and invitations extended to officials of the Maldives Government.

In May 2006, H. E. Ahmed Abdullah, Minister, Ministry of Environment, Energy & Water, Maldives visited AIT accompanied by Mr. Moosa, Director General, Ministry of Water, Energy & Environment. The minister was on
an official visit with Mr. Surendra Shrestha, Regional Director of the Asia and the Pacific Region for UNEP. Although the number of Maldivian alumni is nominal and the tourism industry is the main priority of the Maldives, the Maldivian government has stressed great importance to capacity building through human resource development in which AIT could be a key player. A new university is being established in the capital Male in 2007. At the early phase of its establishment AIT could assist in curriculum development. AIT could also help in the capacity building of the faculty members in specific focus areas of interest.

**Myanmar**

Although Myanmar is not a major recipient of donor government scholarships, AIT has established channels to ensure that academic and technological training are provided to Myanmar students. In addition, AIT also offers fellowships to enable outstanding but financially handicapped Myanmar students the opportunity to study at AIT. The Asian Development Bank, the Government of Japan and the World Bank are also regularly approached to assist the Institute in its human resource development programs for Myanmar.

The Vice President for External Relations visited Yangon, Myanmar in September 2006. He met the Vice President and other senior officials of the Union of Myanmar Federation of Chambers of Commerce and Industry (UMFCCI). Unlike other universities or governmental organizations, UMFCCI is private and relatively independent and flexible. Its modern headquarter building with training classrooms and equipment is going to be completed before the end of 2006. It was discussed to start AIT-UMFCCI cooperation by organizing training courses. Other follow up activities shall be carried out in early 2007.

To attract fee paying students from Myanmar, AIT has signed a student recruitment agreement with an alumnus-led organization in Nepal in order to attract fee-paying students from Nepal.

**Nepal**

Nepal is one of the Asian countries which receive scholarships administered by AIT on behalf of its donor partners (Austria, Japan, Norway, and Thailand). AIT has several agreements on human resource development and capacity building with Nepal government ministries such as the Ministry of Science and Technology, under which several students are funded in their study program at AIT. AIT also has an agreement with Tribhuvan University for academic cooperation.

In October 2006, AIT signed a memorandum of understanding with the National Center for Education Development (NCED), Government of Nepal. The MoU establishes an institutional link between NCED and AIT (AIT Extension) that will support capacity building through the sharing of expertise. Under the agreement, short- and long-term international and domestic training courses on various job competencies as well as technical assistance will be organized by the AIT Extension. Certification of the domestic courses will be co-branded by AIT. The duration of the agreement is three years, ending in September 2009 with an approximate budget of US$2.5 million. Danida-Nepal is the donor agency supporting the activities.

A student recruitment agreement has been signed with an alumnus-led organization in Nepal in order to attract fee-paying students from Nepal.

**The Netherlands**

In response to the request from the Netherlands Ministry of Development Cooperation, AIT submitted a revised proposal on iHuman Resources Development (HRD) for Asian Partner Countries in August 2006. In November 2006, the Netherlands Ministry of Development Cooperation approved AITís revised proposal and decided to support the HRD Program with a total of Baht 52,324,905. The support includes 40 masterís, 5 doctoral and 5 bridging scholarships for nationals of Afghanistan, Bangladesh, Indonesia, Mongolia, Pakistan, Sri Lanka and Vietnam. Scholarships will be offered in 2007 in the fields of Water Engineering and Management, Rural Development and Sustainable Use of Natural Resources and Urban Environmental Management. Ten masterís scholarships are planned to be awarded in the January 2007 semester. Fifty percent of the scholarship awardees will be women.

The objective is to contribute to poverty reduction in the partner countries through capacity building in relation to relevant fields to sustainable development, environmental protection and promotion of gender equity.

The long-term cooperation between the Dutch Ministry of Development Cooperation and AIT will be decided after a review of its International Institutes Programme at the end of 2007. AIT has informed the Ministry of Development Cooperation about its willingness to participate in the proposed review.

**Norway**

An agreement between the Norwegian Ministry of Foreign Affairs (MFA) and AIT was signed on 27 April 2006. The agreement, which covers the period of January 2006 - December 2009, includes among other activities, 65 masterís and 8 doctoral scholarships.

Twenty masterís and 8 doctoral scholarships were offered during 2006. Fifty percent students were women. Eighteen masterís students who were offered scholarships under the previous phase of cooperation (2003-2005) continued their studies in 2006.

The objective is to enhance capacity building in the Norway-AIT programme countries of South and Southeast Asia, i.e., Afghanistan, Bangladesh, East...
Pakistan

Collaborative activities with Pakistan at the ministry and university levels have been launched to assist in the postgraduate education of Pakistan government officials and university lecturers and staff.

An AIT delegation to Pakistan visited the Pakistan Higher Education Commission (HEC) in Islamabad in May 2006 and secured support for Pakistani students and faculty at AIT. Under the collaboration, the commission will send and support 20 students per year to pursue their master's in engineering for a period of three years. In addition, the Commission would like to second Pakistani faculty members to AIT as soon as the fields of study are identified by AIT. Moreover, Pakistan would fully support AIT in its efforts to be accredited as an intergovernmental organization.

A new MoU for master's leading to doctoral degree program will soon be signed between the Higher Education Commission of Pakistan and AIT. Under this agreement, Pakistani nationals will be provided AIT fellowships and HEC support to pursue their master's leading to doctoral degree programs in various fields of study at AIT. An AIT delegation plans to visit Pakistan to interview the students, meet existing partners to strengthen the cooperation, and explore new partnerships.

Other AIT collaborative ventures in Pakistan for capacity building and human resource development are with the University of Balochistan (UOB), University of Engineering & Technology (UET), Peshawar, and the Lahore College for Women University (LCWU). AIT is also exploring possibilities of establishing an AIT Center in Pakistan.

Philippines

As students from the Philippines are no longer a major recipient of AIT administered scholarships, AIT's thrust in the Philippines has been to establish academic and research cooperation programs with governmental ministries, leading Philippine universities and research institutions as well as local bodies.

In June 2006, a Philippine delegation led by an AIT alumnus from the city council of the Science City of Munoz, Nueva Ecija, Philippines, visited AIT to explore the collaboration and to seek opportunities for future partnership. The delegation showed interest in exploring the possibility of studying and exchanging experiences in training methods in various developmental areas.

In September 2006, 19 undergraduate students from Political Science, Development Studies, De La Salle University - Manila accompanied by Mr. Allen B. Surla, Vice Chairman, Political Science Department, visited AIT. The visit was part of an educational tour to Thailand for the students whose major interest was to scout graduate schools in the region to further their studies.

Russia

There is a potential for AIT to attract students from Russia who currently pursue their higher studies in the West. With the assistance of the ambassador of the Russian Federation to Thailand, a high-level visit is planned to Moscow to meet with the Ministry of Education and Science, officials from Moscow State University and other leading Russian business schools.

Sri Lanka

AIT has successfully negotiated the approval of the Sri Lankan Government Parliamentary Scholarship Board in availing of two full merit-based master's scholarships a year valued at a total of US$42,000.

In March 2006, an AIT delegation visited Colombo which resulted in strengthening AIT's ties with Sri Lanka. The main purpose of the visit was to meet with the chairman of the Urban Development Authority and the chairman of the National Water Supply and Drainage Board, Ministry of Urban Development and Water Supply to discuss the specific details of a two-year geo-informatics-based water supply and sanitation project for sustainable development of tsunami-affected communities in Sri Lanka. Funding was explored for a two-week seminar/study visit program to be conducted by the AIT Extension on local governance and decentralization for a group of 15 Sri Lankan officials comprising of members of parliament, provincial ministers, provincial mayors and senior officers.

In late July 2006, an AIT delegation led by the AIT President made another visit to Colombo, Sri Lanka, to discuss funding for master's scholarships at the
proposed AIT Center, Sri Lanka and training programs for public administrators, with the Minister of Education and the Minister of Home Affairs and Public Administration and other Sri Lankan officials. Discussions with the Minister of Education Mr. Susil Premajayantha, centered on proposed funding for AIT Center, Sri Lanka, which will initially focus on master’s degree students in Applied Biotechnology. The possibility of the ministry providing 10 full scholarships a year for three years for qualified Sri Lankans was explored. The Vice Chancellor of the University of Colombo ų which will house the AIT Center at its Institute of Biochemistry, Molecular Biology and Biotechnology ų and the university senate had approved the center. Minutes of the approval were sent to the chairman of the University Grants Commission, which has also approved the establishment of the AIT Center. Once the cabinet approves the allocation of funds for the first three years of operation, the center will be in a position to open by early 2007.

Another meeting, also in late July 2006, with the Minister of Home Affairs and Public Administration Dr. Sarath Amunugama, arranged through the assistance of the Sri Lankan Ambassador to Thailand, focused on the ministry’s request for AIT to prepare a program for a study tour of public administrators to AIT Extension, as well as to discuss the ministry’s future training requirements.

In addition, with the financial support of the World Bank, the University of Sabaragamuwa will be sending two of their faculty/staff members to pursue their master’s degree at AIT.

Sweden

Sweden is currently one of the major scholarship partners of AIT. Under the ongoing agreement between Sida and AIT for 2004-2008, a total of 136 master’s degree scholarships are available for nationals of Cambodia, Lao PDR and Vietnam.

As of December 2006, 134 scholarships were offered, of which 49 students were enrolled in 2006. Fifty-two students graduated and 82 students were continuing.

The objective of the program is to strengthen the capability of institutions in Cambodia, Laos and Vietnam to address issues related to poverty alleviation, environmentally sustainable natural resource management through higher education and training of relevant personnel.

The annual consultations between Sida and AIT were held at AIT during 11-13 December 2006. AIT followed up on its earlier discussion with Sida on the possibility of offering scholarships to students from Myanmar, which is not yet a program country for Swedish scholarships. It was, however, agreed that AIT would try to offer one or two scholarships from the ongoing Sida- AIT Cooperation to Myanmar nationals.

Following a request from AIT in October 2005, Sida decided to provide SEK 44,750,000 for the Wetlands Alliance Program (WAP) during 2006-2008. An agreement between Sida and AIT was signed on 5 April 2006 to that effect. Working in close collaboration with three other regional partners, AIT had proposed the establishment of a Wetlands Alliance to build local-level capacity in aquatic resources management. Aiming to address issues related to poverty alleviation in and around the Mekong region, AIT, Coastal Resources Institute (CORIN) of the Prince of Songkla University, the WorldFish Center and WWF will work together to build on their combined strengths in education, training, conservation, development and research. The Alliance represents a great step towards improved cooperation for poverty alleviation in the region. Its methods of work are unique in the sense that the Alliance partnership activities start from the rural poor.

In November 2006, AIT submitted a proposal to Sida on Asian Regional Research Program on Persistent Organic Pollutants. The proposal was prepared based on the outcome of the research conducted by the Asian Regional Research Program on Environmental Technology (ARRPET): 2004-2007 (Phase II) as well as the workshop on Persistent Organic Pollutants (POPs) which was held at AIT during 31 May ñ 01 June 2006. The proposal is divided into two parts. Part 1 covers the period of January ñ December 2007 with a total requested budget of SEK 3,000,000 and Part II covers the period of January 2008-December 2010 with a total requested budget of SEK 16,697,962.

AIT has also been working on a regional research program proposal on Energy for Sustainable Development and Climate Change for funding by Sida. Discussions and workshops were held with various stakeholders, including policy makers from South and Southeast Asia. The proposal is expected to be submitted to Sida in March 2007. This proposal is being prepared following the closing of Asian Regional Research Program on Energy, Environment and Climate (ARRPEEC) and Renewable Energy Technologies in Asia (RETS) projects.

AIT provided support to the National University of Laos (NUOL) during a six-month extension phase of the Sida/SAREC project from July 2006 to March 2007 with a budget of 400,000 SEK. During this phase AIT assisted NUOL in the financial management of Sida-supported programs by providing hands-on training for NUOL staff, and in facilitating a discussion on the improvement/development of existing and new master’s programs.

AIT is in the process of submitting the proposal for a far more extensive support program for the second phase of the Sida-SAREC project 2007-2010. Support will include development of curricula for master’s programs, assisting NUOL and especially...
the Post Graduate and Research Office at NUOL in building up structures and policies for the management of research projects, and providing support to the Information Technology Center (ITC) at NUOL. The budget for curriculum development and support for research management is SEK 1,600,000. The budget for support to ITC has not yet been finalized, but will be significantly higher than the budget for the other components.

**Switzerland**

Official multi-lateral assistance program of the Government of Switzerland to AIT ended in June 2004, with the last batch of students graduating in May 2005. Due to the change in development emphasis and approach, Swiss Agency for Development and Cooperation (SDC) will provide only bilateral assistance to its program countries in Asia. AITís strategy will be to tap into these bilateral programs and work jointly with the program countries to develop human resources and other forms of academic and research collaborations.

**Taiwan**

In order to revitalize relationships with Taiwan, AIT President had visited Taipei in December 2005. As a follow-up, AIT submitted a proposal to the Ministry of Education, Taiwan, for scholarships, research and faculty secondment through the Taipei Economic & Cultural Office (TECO) in Thailand and a proposal to the Council for Economic Planning and Development, Taiwan, to consider AIT as one of the venues for academic and research collaborations.

Chia Nan National University of Science and Pharmacy sent two faculty members for Ph.D. studies at SOM, AIT in August 2006.

With the help of senior alumni in Taiwan, it is learned that the government of Taiwan will allocate scholarships funds and a budget for faculty secondment to AIT for the 2007 fiscal year. The Ministry of Education has assigned Dr. D. J. Wang of National Yunlin University of Science and Technology as the program manager responsible for processing the applications of doctoral students and faculty members to be seconded to AIT in August 2007.

Earlier in March 2006, Mr. James Chang, executive assistant to the representative and head of cultural division, Taipei Economic & Cultural Office in Thailand visited AIT. The visit was part of AITís on-going efforts to revitalize relationships with Taiwan, through faculty secondment, scholarships for masterís and doctoral programs and research fund for joint research activities between AIT and Taiwan universities.

In July 2006, AIT and the National Yunlin University of Science & Technology, Taiwan, signed an open-ended agreement for collaboration. The agreement covers secondment of a Taiwanese faculty member to AIT and 10 doctoral scholarships for Taiwanese scholars to be funded by Taiwanese Ministry of Education. AIT and National Yunlin University of Science & Technology also discussed the concept of a dual doctoral program and tentatively plan a symposium to discuss joint research projects that would receive Taiwanese funding. The National Yunlin University founded in 1991, was recently ranked the No. 2 science and technology university in Taiwan and the No. 1 teaching university by the Taiwanese Ministry of Education.

**Thailand (RTG)**

A founder of AIT, the host country Thailand continues to be one of AITís main and long-standing partner. Thailand has been a generous partner of AIT providing full scholarships through official Royal Thai Government assistance program to AIT under Their Majesties the King and Queen Scholarships for Asian students in environment, technology, planning and management. The Royal Thai Government Fellowships Program provides partial scholarships support to Thai students to study at masterís and doctoral levels. Through these programs, AIT supports the Thai governmentís human resources development program, in particular complementing the Thai university system in producing doctoral degree graduates who will become faculty members.

The contribution from the Royal Thai Government is in the form of a five-year plan of cooperation. The eighth five-year RTG-AIT Cooperation Plan (FY 2005-2009) was approved by the cabinet at its meeting on 28 December 2004. The total approved budget for the eighth five-year plan is Baht 724,042,000. Compared to the seventh five-year plan (FY 2000-2004), this budget is 20 percent more. Under the cooperation, masterís degree scholarships are being offered annually under Their Majesties the King and Queen Scholarships.

In 2006, as one of the significant milestones in this long-standing cooperation, AIT was greatly honored by Her Royal Highness Princess Maha Chakri Sirindhorn presiding over the AIT 105th Graduation Ceremony, held on 24 May 2006 in the Thailand Science Park Convention Center. At the ceremony, 469 graduates were awarded masterís or doctoral degrees. The event was also graced by H.E. Mr. Anand Panyarachun, former Thailand Prime Minister and AIT Board of Trustees Chairman, as well as Gen. Dr. Boonsrang Niumpradit, then Deputy Supreme Commander of the Royal Thai Armed Forces and AIT Alumni Associationís President. A 5-minute video presentation in honor of His Majesty the Kingís 60th Anniversary of Accession to the Throne was also shown.

AIT has existing agreements on academic and research cooperation with leading Thai universities and institutions such as the Chulabhorn Research
Institute, Chulalongkorn University, Chiangmai University, Kasetsart University, Rajamangala Institute of Technology and Rajabhat Universities, Thammasat University, and the National Science and Technology Development Agency (NSTDA).

A delegation from the Chulachomklao Military Academy also visited AIT on 24 March 2006, to sign an agreement for collaboration in joint research activities, training, and exchange of faculty members.

**United Arab Emirates**

AIT is preparing to enter the Middle East market, initially targeting the United Arab Emirates, especially Dubai, Abu Dhabi and Sharjah. The major constraint AIT faces is to get AIT programs accredited in a few focused areas that are of national importance to UAE. AIT will be discussing areas of possible cooperation with the ambassador of UAE to Thailand. Through the ambassador’s assistance, AIT will seek an appointment with the Minister of Higher Education of UAE, who is also the chancellor of the United Arab Emirates University and ruler of Dubai.

**USA**

In May 2006, Dr. David Hannaway, Department of Crop & Soil Sciences, Oregon State University, Corvallis, U.S.A. and Mr. Alan S. Cooper, an Oregon State adjunct faculty member from ANE-Asia Associates LLC, Hua Hin, Thailand visited AIT to foster advancement in teaching, research, cultural understanding as well as to enhance international reputations of both institutions. Through an MoU signed in September 2006, AIT and Oregon State University, U.S.A., will also soon cooperate in teaching and research. The five-year agreement involves: faculty exchange, joint research, technical assistance and development activities, participation in seminars and academic meetings, exchange of academic materials and other information, special short-term academic programs and student exchange for research and study.

**Vietnam**

An increasing number of Vietnamese students, who are state officials or employees, are being supported in their study program at the master’s and doctoral degree levels in AIT. For the past several years, the Vietnamese Government through the Ministry of Education and Training (MOET), as well as state agencies such as Vietnam Oil & Gas Corporation (Petro Vietnam), Electricity of Vietnam (EVN), the Post and Telecommunications of Ho Chi Minh City, and Project 300 of Ho Chi Minh City, Vietnam have provided masters and doctoral scholarships to Vietnamese officials for their study either in the regular program at AIT or in the two-stage program at AIT Center Vietnam and AIT. All these scholarship programs are administered under various MoUs, MoAs or special agreements.

The AIT Center in Vietnam also continues to be an international gateway for technology transfer supporting national development of Vietnam through postgraduate and short-term training, information services, research and consultancy.

A delegation headed by the Vice Minister from Vietnamese Ministry of Agriculture and Department of Science and Technology visited AIT in April 2006. The Vice Minister informed that the government of Vietnam is taking steps to increase capabilities of employees by offering short-term training and joint research programs in agricultural biotechnology, food processing and ecological conservation. Discussions for signing an MOU for collaboration with the ministry are underway.

A delegation from Dong Nai’s People’s Committee delegation visited AIT during 23-25 May 2006 and attended the 105th Graduation Ceremony. The purpose of the visit was to see AITs academic offerings, campus and research facilities since Dong Nai’s People’s Committee would like to send their staff to study at AIT to meet their needs in human resources development and institutional capacity building. Furthermore, Dong Nai TV Broadcasting will transmit and promote AIT academic activities and teachings in Vietnam.

A delegation from Hue College of Economics, Vietnam visited AIT in August 2006 to foster advancement in teaching, research, cultural understanding and the international reputations of both institutions. Specifically addressed were the exchange of students and faculty, the possibility of a doctoral student exchange program, collaboration in research and training programs and exchange of academic information and materials. Furthermore, Hue College expressed interest to explore developing a Regional and Rural Development Planning Program with the assistance of the School of Environment, Resources and Development and School of Management.

During the 106th Graduation Ceremony, the Vice Minister, Ministry of Education and Training of Vietnam presented the Friendship Order to the Asian Institute of Technology (AIT) on behalf of the Vietnamese Government. The Friendship Order is the highest award given in the area of international relations and is presented to foreign institutions and persons that have contributed to human resource training for Vietnam, and to the development of friendly relations between Vietnam and other countries.

Vietnam and AIT have a very fruitful, long lasting relationship and AIT has a good reputation in Vietnam as AIT Vietnamese alumni are well appreciated by the organization that they are working for.
AIT also continues to maintain and launch new initiatives aimed at partnerships with international organizations, foundations and corporate sector for Asia’s HRD, R&D and institutional capacity building. Noteworthy among these are:

**ADB-JSP**

Since 1989, the Asian Development Bank through the ADB-Japan Scholarships Program (ADB-JSP) has been providing scholarships to students from developing member countries of ADB for their study at AIT and other Asian institutions. ADB priorities are for students from developing ADB member countries in Central Asia, Greater Mekong Sub-region and South Asia. Fourteen master’s scholarships were approved by ADB for the August 2006 semester.

**Asian Scholarship Foundation**

In October 2006, the Asian Scholarship Foundation announced the opening of the 2007 competition for the International Fellowships Program (IFP) in Thailand. With funding from the Ford Foundation, the International Fellowships Program provides opportunities for exceptional individuals who wish to undertake advanced studies and who will use this education to make outstanding contributions in their respective fields, furthering development in their own countries and greater economic and social justice worldwide. To ensure that fellows are drawn from more diverse backgrounds, the program actively recruits candidates from social groups and communities that lack systematic access to higher education. The Fellowship provides: graduate-level awards in an appropriate university program anywhere in the world, including Thailand; full-time enrollment in an accredited university; support for up to two years towards a master’s degree in any academic discipline or field of study that is consistent with Ford Foundation priority areas; assistance in choosing and enrolling at the chosen university; and intensive foreign language studies for not more than one year, plus basic skills training in research methodology and computers prior to enrollment.

The IFP has been funding scholars from China, Vietnam and Thailand to study in the master’s degree program at AIT under the MoU between IFP and AIT.

**Starr Foundation**

The Starr Foundation scholarship program at AIT started in the 1970s and has continued until present. With the first graduate in 1976, the Starr Foundation scholarships have been mainly for Thai students, with an exception of one case. In 2003, the scholarship program was expanded to include scholarship support for a Vietnamese student to study in a master’s program at AIT in August 2003.

**Indian Corporate Sector**

AIT is following up on the partnership program with Tata Technologies Ltd. of India for scholarships support to Indian students in Industrial Systems Engineering and International Business fields of study.

**Japanese Corporate Sector**

AIT has undertaken initiatives to increase the interaction with the Japanese private sector. Exchange of visits were made between AIT and different sections of the Japanese Chamber of Commerce. Member companies of the Japanese Chamber of Commerce in Bangkok in the information technology sector visited AIT in February 2006.

**JJ/WBGSP**

The Japanese Government, through the Joint Japan/World Bank Graduate Scholarship Program (JJ/WBGSP) has been providing master’s and doctoral degree scholarships to Asian students who meet JJ/WBGSP scholarship criteria. JJ/WBGSP scholarships are provided to AIT students from a number of Asian countries such as Bangladesh, Cambodia, Laos, Myanmar, the Philippines, Sri Lanka and Vietnam. Many of the scholars receive some AIT fellowships as specified and JJ/WBGSP provides support for the major tuition costs not covered by the AIT fellowships.

There were only a few AIT students funded by JJ/WBGSP in the 2006 academic year. AIT is exploring the possibility to enter into a more formal agreement with the World Bank on the administration of the JJ/WBGSP at AIT. A visit of the JJ/WBGSP Scholarship Administrator is expected in March 2007.

**Korean Corporate Sector**

Dr. Kyul-Ho Kwak, former Korean Minister of Environment and currently President of Korea Water Resources Corporation (K-water) also delivered a speech on the direction of environmental policies in the Republic of Korea as part of an ongoing lecture series at AIT. This lecture was jointly organized by The Korea Water Corporation, Thailand and AIT. K-water representatives expressed interest in faculty visits to K-water and K-water representative visits to AIT, short-term programs, professional programs, enhancement of staff skills and joint research projects. Possible K-water collaboration could involve the Asian Development Bank, UNESCAP and AITs Integrated Water Resources Management field of study. In addition, 14 students from AIT participated in an internship program at K-water in Korea for 2 months (June-July 2006) and K-water provided for accommodation, subsistence allowance, some meals and local transportation including cultural trips within Korea.

As a result of continuous communications with Thai Samsung Electronics, the company has contracted AIT to conduct a market research for their washing machine business. Other R&D projects are also being discussed.
Open Society Institute and Prospect Burma

AIT continues to seek scholarship opportunities for students from Myanmar through the Open Society Institute and Prospect Burma. The scholarships are provided for students in many fields of study and usually for those who have already been provided partial scholarships by other sources.

Thai Corporate Sector

As one of AITís increasing collaboration with the Thai private sector, an agreement was signed with the SEAFCO Public Company Limited for masterís scholarships for Thai students and for provisions of joint research projects. SEAFCO initiated the collaboration with AIT to promote research and development activities focusing on geotechnical issues in Thailand. The collaboration will provide opportunities for SEAFCO Research and Development team to participate in leading-edge academic research networks and strengthen their international research experience, under the Cooperative Research Initiative Program. SEAFCO will form the partnership with AITís School of Engineering and Technology to exchange technical and academic information and materials, arrange joint seminars and organize joint research programs. The scholarship to be offered under the Supot Thasnanipan Scholarship program was launched in dedication and memory of the late Mr. Supot Thasnanipan, the founder of SEAFCO and an AIT alumnus. During his time of leadership in SEAFCO, Mr. Supot intended to initiate scholarships for qualified Thai students to undertake advanced studies at AIT. The scholarship program, amounting to 1.9 million Baht, supports two masterís degree students of Thai nationality to further their studies in the field of Geotechnical and Geo-environmental Engineering (with specialization in foundation engineering) in 2006 and 2007. SEAFCO also provides additional funding and other forms of support to the students in conducting field experiments of their thesis work in piled foundation and deep excavation research.

In March 2006, representatives from the Federation of Thai Industries (FTI) visited AIT to discuss ways in which FTI might collaborate with AIT. Furthermore, in June 2006, an AIT faculty team led by the Vice President for External Relations visited the FTI office and discussed about capacity building and joint research between AIT and industries. This resulted in FTI member companies being invited to partner AIT in undertaking research projects under the iRoyal Thai Government Joint Industrial Research Program. These research projects would directly benefit the participating companies and/or the related industry in Thailand. The program aims to enable FTI member companies to make use of AITís research capabilities, while AIT faculty members will have an opportunity to conduct research in solving real-world problems. Each joint industrial research project will be conducted under the financial scheme of 50% AIT funds and 50% matching funds from a partner company. The difference of these joint projects from the traditional sponsored projects is the participation of researchers from the partner companies.

Vietnamese Corporate Sector

As part of AITís efforts to increase partnership with the Vietnamese private sector, a delegation from the Ho Chi Minh City Investment Fund for Urban Development and Saigon-Tay Bac Joint Stock Company was received by AIT in July 2006. The delegation had fruitful discussions with the AIT President. They visited the School of Management to discuss future collaboration and also met Vietnamese students in SOM.

Partnership with Alumni

As of December 2006 graduation, 14,769 young professionals from 79 countries and territories have graduated from the Asian Institute of Technology (AIT).

In order to maintain and strengthen the existing partnership between the Institute and its alumni, the Alumni Relations Unit (ARU) under the External Relations and Communications Office (ERCO) has taken greater responsibilities with proactive efforts to work with the AIT Alumni Association (AITAA) Mother Chapter and its 27 National Chapters and Alumni at large to jointly promote AITís academic programs as well as launch new initiatives that will contribute to the long term viability/sustainability of the Institute.

To mark the occasion of the 50th anniversary of the Institute, AIT has embarked on a Golden Jubilee Fund Raising Campaign. The alumniís role in this will be instrumental. The newly established Fund Raising Unit is working on this, and in coordination with ARU, will be contacting the AITAA Mother Chapter and National Chapters for their support.

AIT Prominent Alumni Lecture Series was introduced and jointly organized by AIT and AITAA Mother Chapter to provide recognition to AIT alumni who have distinguished themselves and their alma mater through lifetime achievement and professional accomplishments. Three lectures were organized in February, May and October 2005. No lecture could be accomplished. Three lectures were organized in 2006, but efforts will be made in 2007 to give it continuity.

During official visits in the region, AIT President met with presidents, executive committee members, and members of AITAA-National Chapters. Many senior alumni and presidents of AITAA-National Chapters also visited AIT quite often.

On December 10, 2006, on behalf of the Institute, AIT delegation comprising of senior administrators, professors and staffs attended AITAAís 35th Governing Board Meeting held in Vientiane, Lao PDR. During the 35th GBM, the association extended honorary alumni membership to a number of senior AIT administrators and professors, including the Presi-
dent. At the same meeting, three current AIT faculty members were honored as Distinguished Alumni in the category of Academic/Research Excellence.

In order to keep the Alumni body informed, the quarterly AIT Alumni Newsletter (Electronic Version) has been published by ARU since June 2002. More recently, ARU started forwarding AIT President's Weekly Letter addressed to the AIT Community also to the alumni national chapter presidents in order to keep them informed about what is happening at AIT and the Institute's initiatives in the region. As a consequence, the alumni could propose and partner their alma mater in various initiatives.

For an official communication channel of AIT to its alumni body, a mailing list alumnibody@ait.ac.th comprising of over 9,200 active e-mail addresses of alumni is maintained.
Audit report of Certified Public Accountant

To the Board of Trustees of Asian Institute of Technology

I have audited the accompanying balance sheet of Asian Institute of Technology as at 31 December 2006, and the related statements of revenues and expenses, changes in fund balances and cash flows for the year then ended. These financial statements are the responsibility of the Organization’s management. My responsibility is to express an opinion on these financial statements based on my audit. The financial statements of Asian Institute of Technology for the year ended 31 December 2005 were audited by another auditor whose report dated 4 August 2006 expressed an unqualified opinion on those statements.

I conducted my audit in accordance with generally accepted auditing standards. Those standards require that I plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. I believe that my audit provides a reasonable basis for my opinion.

In my opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Asian Institute of Technology as at 31 December 2006, and the revenues and expenses, the changes in fund balances and cash flows for the year then ended in accordance with generally accepted accounting principles appropriate for non-profit organization as set out in Note 2 to the financial statements.

(Maliwan Phahuwattanakorn)
Certified Public Accountant
Registration number 4701
KPMG Phoomchai Audit Ltd.
Bangkok
26 March 2007
### Asian Institute of Technology
### Balance Sheets
### As at 31 December 2005 and 2004

#### Assets

<table>
<thead>
<tr>
<th>Note</th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(in Baht)</td>
<td></td>
</tr>
</tbody>
</table>

**Current assets**

- Cash and deposits at financial institutions: 5 255,881,176 151,393,545
- Fixed deposits: 6 169,647,637 195,586,241
- Accounts receivable: 7 74,440,890 67,600,381
- Receivables from Program fund: 8 37,948,043 28,273,991
- Inventories: 9 296,397 396,524
- Assets held on behalf of donors: 10 448,222,532 431,987,744
- Assets held on behalf of UNEP RRC.AP: 11 200,384,761 225,737,851
- Other current assets: 12 29,833,405 22,574,282

**Total current assets** 1,216,654,841 1,123,552,559

**Non-current assets**

- Property and equipment: 8 826,222,700 885,983,433
- Advance deposits: 9 245,216 245,216

**Total non-current assets** 826,467,916 886,228,649

**Total assets** 2,043,122,757 2,009,781,208

#### Liabilities and fund balances

<table>
<thead>
<tr>
<th>Note</th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(in Baht)</td>
<td></td>
</tr>
</tbody>
</table>

**Current liabilities**

- Accounts payable and accrued expenses: 9 103,874,972 103,197,628
- Advances from Program fund: 10 230,772,214 172,509,745
- Deposit payables: 11 6,823,053 7,107,533
- Due to donors, and liabilities, of Agency fund: 12 448,222,532 431,987,744
- Due to UNEP RRC.AP: 13 200,384,761 225,737,851

**Total current liabilities** 990,077,532 940,540,501

**Fund balances**

**Restricted**

- Endowment fund balances: 14 154,814,706 131,580,259
- Capital funds balances: 15 838,299,664 895,849,330
- General reserve: 16 59,930,855 41,811,118

**Total fund balances** 1,053,045,225 1,069,240,707

**Total liabilities and fund balances** 2,043,122,757 2,009,781,208

The accompanying notes are integral part of these financial statements
Asian Institute of Technology  
Statements of revenues and expenses  
For the years ended 31 December 2006 and 2005  

<table>
<thead>
<tr>
<th>Note</th>
<th>2006 (in Baht)</th>
<th>2005 (in Baht)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Revenues</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuition and other fees</td>
<td>510,989,854</td>
<td>477,164,925</td>
</tr>
<tr>
<td>Research grants and contracts</td>
<td>219,767,420</td>
<td>245,890,334</td>
</tr>
<tr>
<td>Support operations</td>
<td>152,496,517</td>
<td>153,702,925</td>
</tr>
<tr>
<td>Training</td>
<td>214,827,652</td>
<td>103,956,636</td>
</tr>
<tr>
<td>Other contributions</td>
<td>38,216,087</td>
<td>28,667,861</td>
</tr>
<tr>
<td>Faculty secondments</td>
<td>54,465,903</td>
<td>66,069,182</td>
</tr>
<tr>
<td><strong>Total revenues</strong></td>
<td>1,190,763,433</td>
<td>1,075,451,863</td>
</tr>
<tr>
<td><strong>Expenses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salaries and benefits</td>
<td>12,606,323,266</td>
<td>646,118,696</td>
</tr>
<tr>
<td>Materials, supplies and services</td>
<td>204,666,595</td>
<td>262,036,348</td>
</tr>
<tr>
<td>Contracted services</td>
<td>90,277,455</td>
<td>87,875,674</td>
</tr>
<tr>
<td>Communication and travel</td>
<td>62,711,289</td>
<td>70,398,863</td>
</tr>
<tr>
<td>Utilities and insurance</td>
<td>55,766,259</td>
<td>41,401,457</td>
</tr>
<tr>
<td>Faculty secondments</td>
<td>54,465,903</td>
<td>66,069,182</td>
</tr>
<tr>
<td><strong>Total expenses</strong></td>
<td>1,074,210,767</td>
<td>1,173,900,220</td>
</tr>
<tr>
<td><strong>Excess of revenues over (under) expenses</strong></td>
<td>116,552,666</td>
<td>(98,448,357)</td>
</tr>
<tr>
<td>Depreciation</td>
<td>8,94,759,276</td>
<td>101,317,949</td>
</tr>
<tr>
<td><strong>Excess of revenues over (under) expenses including depreciation</strong></td>
<td>21,793,390</td>
<td>(199,766,306)</td>
</tr>
<tr>
<td><strong>Non operating income/(expenses)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investment income</td>
<td>21,469,546</td>
<td>16,308,591</td>
</tr>
<tr>
<td>Gains (losses) on exchange rate</td>
<td>(30,000,783)</td>
<td>11,254,949</td>
</tr>
<tr>
<td>Gains (losses) on disposal of assets</td>
<td>(321,291)</td>
<td>1,692,417</td>
</tr>
<tr>
<td><strong>Net excess of revenues over (under) expenses</strong></td>
<td>12,940,862</td>
<td>(170,510,349)</td>
</tr>
</tbody>
</table>

The accompanying notes are integral part of these financial statements
### ASIAN INSTITUTE OF TECHNOLOGY

**STATEMENTS OF CHANGES IN FUND BALANCES**

**FOR THE YEARS ENDED 31 DECEMBER 2006** (with comparative totals for the year ended 31 December 2005)

<table>
<thead>
<tr>
<th>Notes</th>
<th>Restricted funds</th>
<th>Restricted capital funds</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Unrestricted current fund</td>
<td>General</td>
<td>Endowment fund</td>
</tr>
<tr>
<td>Balances as at 1 January, as previously reported</td>
<td>-</td>
<td>-</td>
<td>131,580,259</td>
</tr>
<tr>
<td>Fund balances of UNEP RRC.AP as at 1 January</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Reclassification of Program fund balances</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Adjusted balances as at 1 January</td>
<td>-</td>
<td>-</td>
<td>131,580,259</td>
</tr>
</tbody>
</table>

#### Additions (Deductions):

<table>
<thead>
<tr>
<th>Notes</th>
<th>Restricted funds</th>
<th>Restricted capital funds</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net excess of revenues over (under) expenses</td>
<td>(12,735,076)</td>
<td>19,022,865</td>
<td>21,898,434</td>
</tr>
</tbody>
</table>

#### Transfers to/(from) other funds:

<table>
<thead>
<tr>
<th>Notes</th>
<th>Restricted funds</th>
<th>Restricted capital funds</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Unrestricted current fund</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Restricted current fund</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- General Reserve</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Program fund</td>
<td>12,735,076</td>
<td>(18,961,051)</td>
<td>1,336,013</td>
</tr>
<tr>
<td>- Capital fund</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Property and equipment</td>
<td>-</td>
<td>(61,814)</td>
<td>-</td>
</tr>
<tr>
<td>- Liquid assets</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Transfers (to)/from funds held on behalf of others</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Transfers (to)/from funds of UNEP RRC.AP</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Reclassification to receivables from Program fund</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Reclassification to advance from Program fund</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Total</td>
<td>12,735,076</td>
<td>(19,022,865)</td>
<td>1,336,013</td>
</tr>
</tbody>
</table>

#### Balances as at 31 December

<table>
<thead>
<tr>
<th>Notes</th>
<th>Restricted funds</th>
<th>Restricted capital funds</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-</td>
<td>-</td>
<td>154,814,706</td>
<td>-</td>
</tr>
</tbody>
</table>
Asian Institute of Technology  
Statements of cash flows  
For the years ended 31 December 2006 and 2005

Note | 2006 (in Baht) | 2005
--- | --- | ---
\textbf{Cash flows from operating activities} | | |
Opening fund balances | 1,069,240,707 | 1,265,769,118 |
Closing fund balances | 1,053,045,225 | 1,069,240,707 |
\textbf{Movement in fund balances} | (16,195,482) | (196,528,411) |
\textbf{Adjustments to reconcile movement of fund balance} | | |
(Gains) losses on disposal of assets | 321,291 | (1,692,417) |
Depreciation | 94,759,276 | 101,317,949 |
Unrealised (gains) losses on exchange rate | 57,139,911 | (15,011,170) |
\textbf{Movement in fund balance from operating activities before changes in operating assets and liabilities} | 136,024,996 | (111,914,049) |
\textbf{Changes in operating assets} (increase) decrease: | | |
Accounts receivable | (10,437,812) | 7,334,072 |
Receivables from Program fund | (9,674,052) | 66,942,084 |
Inventories | 102,127 | (1,502) |
Other current assets | (7,259,123) | 6,692,440 |
\textbf{Changes in operating liabilities increase} (decrease): | | |
Accounts payable and accrued expenses | 677,344 | (43,347,391) |
Advances from Program fund | 58,262,469 | (111,662,742) |
Deposit payables | (284,480) | 1,665,837 |
\textbf{Net cash provided by} (used in) operating activities | 167,411,469 | (184,291,251) |
\textbf{Cash flows from investing activities} | | |
(Increase) decrease in fixed deposits | 5,120,452 | (5,475,461) |
Proceeds from disposal of equipment | 1,913,391 | 4,591,879 |
Increase in property and equipment | (37,233,225) | (145,241,517) |
\textbf{Net cash used in investing activities} | (30,199,382) | (146,125,099) |
\textbf{Cash flows from financing activities} | | |
Effects of foreign exchange translation on cash and cash equivalents | (32,724,456) | 9,166,685 |
\textbf{Net increase} (decrease) in cash and cash equivalents | 104,487,631 | (321,249,665) |
Cash and cash equivalents at beginning of year | 151,393,545 | 472,643,210 |
\textbf{Cash and cash equivalents at end of year} | 255,881,176 | 151,393,545 |
Less: Deposits held as security for guarantee issued by Bank | (30,000,000) | (30,692,490) |
Cash and cash equivalents at end of year | 225,881,176 | 120,701,055 |

The accompanying notes are integral part of the financial statements
## Balance Sheet

**Asian Institute of Technology**

### As at 31 December 2006 and 2005

### (in Baht)

<table>
<thead>
<tr>
<th>Assets</th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current assets</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash and deposits at financial institutions</td>
<td>5,189,247,070</td>
<td>5,097,807,436</td>
</tr>
<tr>
<td>Fixed deposits</td>
<td>31,938,913,242</td>
<td>30,982,530,242</td>
</tr>
<tr>
<td>Receivables from Program fund</td>
<td>31,948,014</td>
<td>31,948,014</td>
</tr>
<tr>
<td>Inventories</td>
<td>296,397</td>
<td>398,524</td>
</tr>
<tr>
<td>Assets held on behalf of donors</td>
<td>431,987,744</td>
<td>448,222,700</td>
</tr>
<tr>
<td>Total current assets</td>
<td>131,580,259</td>
<td>125,902,747</td>
</tr>
<tr>
<td>Non-current assets</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Property and equipment</td>
<td>885,983,433</td>
<td>886,228,649</td>
</tr>
<tr>
<td>Advance deposits</td>
<td>245,216</td>
<td>245,216</td>
</tr>
<tr>
<td>Total non-current assets</td>
<td>895,228,649</td>
<td>886,453,865</td>
</tr>
<tr>
<td>Total assets</td>
<td>1,053,045,225</td>
<td>1,069,240,707</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Liabilities and fund balances</th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current liabilities</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts payable and accrued expenses</td>
<td>34,499,724</td>
<td>34,499,724</td>
</tr>
<tr>
<td>Deposits payable</td>
<td>225,737,851</td>
<td>225,737,851</td>
</tr>
<tr>
<td>Due to UNDP/UNEP/NEP</td>
<td>431,987,744</td>
<td>448,222,700</td>
</tr>
<tr>
<td>Total current liabilities</td>
<td>906,530</td>
<td>906,530</td>
</tr>
<tr>
<td>Fund balances</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Endowment fund balances</td>
<td>1,069,240,707</td>
<td>1,053,045,225</td>
</tr>
<tr>
<td>Capital funds balances</td>
<td>59,930,855</td>
<td>59,930,855</td>
</tr>
<tr>
<td>General reserve</td>
<td>41,811,118</td>
<td>41,811,118</td>
</tr>
<tr>
<td>Total fund balances</td>
<td>1,053,045,225</td>
<td>1,069,240,707</td>
</tr>
<tr>
<td>Total liabilities and fund balances</td>
<td>1,053,045,225</td>
<td>1,069,240,707</td>
</tr>
</tbody>
</table>

The accompanying notes are integral part of the financial statements.
# Asian Institute of Technology
## Statements of Revenue and Expenditure by Fund
### For the Years Ended 31 December 2006 and 2005

<table>
<thead>
<tr>
<th>Note</th>
<th>Unrestricted funds</th>
<th>Restricted capital funds</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>General</td>
<td>Endowment fund</td>
<td>Program fund</td>
</tr>
<tr>
<td></td>
<td>(in Baht)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Revenues</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuition and other fees</td>
<td>448,521,815</td>
<td>52,644,641</td>
<td>-</td>
</tr>
<tr>
<td>Research grants and contracts</td>
<td>3,743,925</td>
<td>310,425</td>
<td>-</td>
</tr>
<tr>
<td>Support operations</td>
<td>3,571,016</td>
<td>143,335,629</td>
<td>-</td>
</tr>
<tr>
<td>Training</td>
<td>-</td>
<td>1,167,260</td>
<td>213,660,392</td>
</tr>
<tr>
<td>Other contributions</td>
<td>7,114,256</td>
<td>9,749,659</td>
<td>-</td>
</tr>
<tr>
<td>Faculty secondments</td>
<td>-</td>
<td>54,465,903</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total revenues</strong></td>
<td>462,951,012</td>
<td>261,673,517</td>
<td>21,352,172</td>
</tr>
<tr>
<td><strong>Expenses</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salaries and benefits</td>
<td>402,036,025</td>
<td>59,409,881</td>
<td>-</td>
</tr>
<tr>
<td>Materials, supplies and services</td>
<td>4,818,624</td>
<td>80,585,285</td>
<td>398,362</td>
</tr>
<tr>
<td>Contracted services</td>
<td>12,285,418</td>
<td>20,613,059</td>
<td>-</td>
</tr>
<tr>
<td>Communication and travel</td>
<td>7,679,978</td>
<td>13,211,529</td>
<td>-</td>
</tr>
<tr>
<td>Utilities and insurance</td>
<td>44,266,970</td>
<td>9,044,122</td>
<td>-</td>
</tr>
<tr>
<td>Faculty secondments</td>
<td>-</td>
<td>54,465,903</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total expenses</strong></td>
<td>471,087,015</td>
<td>237,329,779</td>
<td>398,362</td>
</tr>
<tr>
<td><strong>Excess of revenues over (under) expenses</strong></td>
<td>(8,136,003)</td>
<td>24,343,738</td>
<td>20,953,810</td>
</tr>
<tr>
<td>Depreciation</td>
<td>(94,759,276)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Excess of revenues over (under) expenses including depreciation</strong></td>
<td>(8,136,003)</td>
<td>24,343,738</td>
<td>20,953,810</td>
</tr>
<tr>
<td><strong>Non operating income (expenses)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investment income</td>
<td>18,674,348</td>
<td>1,046,489</td>
<td>944,624</td>
</tr>
<tr>
<td>Gains (losses) on exchange rate</td>
<td>(23,273,421)</td>
<td>(6,727,362)</td>
<td>-</td>
</tr>
<tr>
<td>Gains (losses) on disposal of assets</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Net excess of revenues over (under) expenses</strong></td>
<td>(12,735,076)</td>
<td>19,022,865</td>
<td>21,898,434</td>
</tr>
</tbody>
</table>

The accompanying notes are integral part of the financial statements.
Notes to the financial statements
For the years ended 31 December 2006 and 2005

These notes form an integral part of the financial statements. The financial statements were authorized for issue by the President of the Institute on 26 March 2007.

1. General information

The Asian Institute of Technology (the Institute) is an international post-graduate institution. The Institute operates on not-for-profit basis. The Institute is located at Km 42 Paholyothin Highway, Klong Luang, Pathum Thani, Thailand.

The principal activities of the Institute are providing programs in engineering, science, advanced technologies and related management and administration.

2. Basis of preparation of financial statements

The financial statements issued for Thai reporting purposes are prepared in the Thai language. This English translation of the financial statements has been prepared for the convenience of readers not conversant with the Thai language.

The financial statements are presented in Thai Baht. They are prepared on the historical cost basis except for those items specified in the notes to financial statements.

The preparation of financial statements in conformity with TAS requires management to make judgements, estimates and assumptions that affect the application of policies and reported amounts of assets, liabilities, income and expenses. The estimates and associated assumptions are based on historical experience and various other factors that are believed to be reasonable under the circumstances, the results of which form the basis of making the judgements about carrying amounts of assets and liabilities that are not readily apparent from other sources.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised, if the revision affects only that period, or in the period of the revision and future periods, if the revision affects both current and future periods.

Fund Accounting

To ensure observance of limitations and restrictions placed on the use of the resources available to the Institute, the books of account of the Institute are maintained in accordance with the principles of "fund accounting" which is appropriate for non-profit organization. This is the procedure by which resources for various purposes are classified for accounting and reporting purposes into funds, which are in accordance with activities or objects specified. Within each fund group, fund balances which are restricted by outside sources are so indicated and are distinguished from unrestricted fund allocated to specific purposes by action of the governing board. The governing board retains full control of unrestricted funds to use in achieving institutional objectives.

The purposes and objects of the funds are as follows:

- **Unrestricted Current Fund (Fund 10)**
  - This fund is the operating account of AIT. It is available for general operating purposes without restrictions, such as might be imposed by a grant agency or donor.
  - **Restricted Fund-General (Fund 21)**
    - The use of this fund is restricted to those units holding non-profit making status. This includes: AIT Center, AITCV, certain campus services, academic-related services supporting academic units and certain administrative functions.
  - **Restricted Endowment Fund (Fund 22)**
    - The Endowment Fund is used where donors have stipulated, as a condition of their gift, that the principal is to be maintained inviolate and in perpetuity. Some, or all, of the income from the investments may be used to further the objectives of the endowment.
  - **Restricted Fund-General Reserve (Fund 23)**
    - Donors and other agencies have granted funds to the Institute on the basis that the principal is held inviolate and in perpetuity. The income from the fund is available to the Institute to be expended in accordance with agreements established by the gifting party at the point of the donation or grant. The Board of Trustees stipulates that the surplus of the unrestricted current fund each year is transferred to the General Reserve and that the funds must be held for future use.
  - **Sponsored Program Fund (Fund 30)**
    - This sponsored program fund is subject to restrictions by donors or other agencies limiting its use to funding specific research projects, conferences, short courses, workshops or similar projects.
  - **Capital Fund (Fund 41)**
    - This fund holds the Instituteís property, plant and equipment, including library books.
  - **Capital Fund - Liquid Assets (Fund 42)**
    - This fund records the renovations, repairs and replacement to the existing assets.
  - **Agency Fund (accounted for as Fund 50)**
    - These funds are held on behalf of donors and other agencies and are disbursed in accordance with their instructions. AIT has no title to these funds and the associated revenues and expenses have been excluded from the statement of revenues and expenses. The assets held on behalf of these others have been disclosed in the balance sheet together with the associated liability for the same amount to these other parties.

3. Restatement of form and content of financial statements

The Institute undertook a fundamental review of the form and content of its financial statements. There were two major drivers to the restatement. First the Institute desired to show the financial statements on a basis which gave a clearer view of its affairs. Second, that funds to which the Institute has no title,
the escrow funds held on behalf of third parties, are clearly identified as such.

During 2005, the Institute presented the funds to which the Institute has no title, the escrow funds held on behalf of third parties, separately from its own funds. The Institute presented the negative fund balances of the Program Fund as receivables from Program Fund and the positive fund balances as Advances from Program Fund.

4. Significant accounting policies

(a) Basis of preparation

The financial statements of the Institute comprise the funds of the Institute and those of its branch to which it holds title.

Branch

A Branch is an autonomous or semi-autonomous operating entity within an organization and which does not have a separate legal identity. The Branch will have separately identifiable assets, liabilities, cash flows, revenues and expenses over which it has accountability.

(b) Foreign currencies

Foreign currency transactions

Transactions in foreign currencies are translated at the foreign exchange rates ruling at the date of the transaction.

Monetary assets and liabilities denominated in foreign currencies at the balance sheet date are translated to Thai baht at the foreign exchange rates ruling at that date. Foreign exchange differences arising on translation are recognized in the statement of revenues and expenses.

Non-monetary assets and liabilities that are measured in terms of historical cost in a foreign currency are translated using the foreign exchange rates ruling at the date of the transaction. Non-monetary assets and liabilities denominated in foreign currencies that are stated at fair value are translated to Thai baht at the foreign exchange rates ruling at the date that fair value was determined.

Foreign entities

The assets and liabilities of foreign entities are translated to Thai baht at the foreign exchange rates ruling at the balance sheet date.

The revenues and expenses of foreign entities, excluding foreign entities in hyperinflationary economies, are translated to Thai baht at rates approximating the foreign exchange rates ruling at the dates of the transactions.

(c) Cash and cash equivalents

Cash and cash equivalents comprise cash balances, call deposits and highly liquid short-term investments.

(d) Accounts and other receivables

Accounts and other receivables are stated at their invoice value less impairment losses.

Any impairment loss on doubtful receivables is assessed primarily on analysis of payment histories and future expectations of customer payments. Allowances made are based on historical write-off patterns and the aging of accounts receivables. Bad debts are written off when incurred.

(e) Inventories

Inventories are stated at the lower of cost and net realizable value.

Cost is calculated using the first in first out method and comprises all costs of purchase, costs of conversion and other costs incurred in bringing the inventories to their present location and condition. Net realizable value is the estimated selling price in the ordinary course of business less the estimated costs necessary to make the sale.

An allowance is made for all deteriorated, damaged, obsolete and slow-moving inventories.

(f) Property and equipment

Owned assets

Property and equipment are stated at cost less accumulated depreciation and impairment losses. The cost of self-constructed assets includes the cost of materials, direct labor, the initial assessment of the costs of dismantling (if relevant) and an appropriate proportion of production overheads.

Property that is being constructed or developed for future use as investment property is classified as property and equipment and stated at cost until construction or development is complete, at which time it is reclassified as investment property.

Donated assets are stated at fair value at the time of donation, deemed cost. Subsequently they are stated at the deemed cost less accumulated depreciation.

Subsequent expenditure

Subsequent expenditure relating to an item of property and equipment is added to the carrying amount of the asset when it is probable that the future economic benefits in excess of the originally assessed standard of performance of the existing asset will flow to the Institute. All other subsequent expenditure is recognized as an expense in the period in which it is incurred.

Depreciation

Depreciation is charged to the statement of revenues and expenses on a straight-line basis over the estimated useful lives of each part of an item of buildings and equipment. The estimated useful lives are as follows:

- Buildings: 20 to 40 years
- Furniture and equipment: 5 to 10 years
- Motor vehicles: 8 to 15 years
- Library acquisitions: 6 years

No depreciation is provided on assets under construction.

The Institute calculated depreciation of each item of buildings and equipment on a monthly basis without considering the date using of those assets. The management of the Institute believes that the differences from the said method of calculation are immaterial.

(g) Employee benefit

Defined contribution plans

Obligations to defined contribution pension plans are recognized as an expense in the statement of revenues and expenses as incurred.
(h) **Provisions**

A provision is recognized in the balance sheet when the Institute has a present legal or constructive obligation as a result of a past event, and it is probable that an outflow of economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation. If the effect is material, provisions are determined by discounting the expected future cash flows at a pre-tax rate that reflects current market assessments of the time value of money and, where appropriate, the risks specific to the liability.

(i) **Payables**

Payables are stated at cost.

(j) **Revenue**

Revenue received for the provision of goods and services are recognized in the period in which the goods are provided or the services rendered.

- **Grant income**
  Grant income is recognized when it is received due to the inherent uncertainty involved in both the rights to the revenue and the timing of the revenue.

- **Donations**
  Due to the absence of any obligation on the donor to make the donation and the uncertain nature of the timing of receipt, donations have to be recognized on a cash basis.

- **Contribution in kind**
  These represent services donated to the Institute in the form of a secondment of faculty or staff and where the value is estimated based on the approved Institute professional salary scale. The amounts are recognized as revenues and expenses in the restricted general fund.

- **Investment income**
  Investment income is recognized on an accrual basis.

(k) **Expenses**

Expenses are recognized in the period they are incurred. Interest expense is recognized in the statement of revenues and expenses as it accrues.

(l) **Income tax**

No income tax provision is made in the financial statements as the Institute is exempt from payment of income tax in accordance with the notification issued in the Royal Gazette dated 25 October, 2510 B.E. (1967).

According to the announcement of Ministry of Finance, the Institute has been exempted from Value Added Tax (VAT), except for services rendered by conference center following to Section 4(4) of the Royal Decree issued following to the Revenue Code which mentioned about VAT exemption (Book number) 239, 2534 B.E. (1991).

5. **Cash and cash equivalents**

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bank accounts</strong></td>
<td>56,837,549</td>
<td>64,762,618</td>
</tr>
<tr>
<td><strong>Time deposits with maturity three months or less than</strong></td>
<td>199,043,627</td>
<td>86,630,927</td>
</tr>
<tr>
<td><strong>Cash and deposits at financial institutions</strong></td>
<td>255,881,176</td>
<td>151,393,545</td>
</tr>
<tr>
<td><strong>Less Bank deposits pledged as collateral</strong></td>
<td>(30,000,000)</td>
<td>(30,692,490)</td>
</tr>
</tbody>
</table>

**Cash and cash equivalents net of collateral**

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bank accounts</strong></td>
<td>56,837,549</td>
<td>64,762,618</td>
</tr>
<tr>
<td><strong>Time deposits with maturity three months or less than</strong></td>
<td>199,043,627</td>
<td>86,630,927</td>
</tr>
<tr>
<td><strong>Cash and deposits at financial institutions</strong></td>
<td>255,881,176</td>
<td>151,393,545</td>
</tr>
<tr>
<td><strong>Less Bank deposits pledged as collateral</strong></td>
<td>(30,000,000)</td>
<td>(30,692,490)</td>
</tr>
</tbody>
</table>

As at 31 December 2006, time deposits of Baht 30,000,000 (2005: Baht 30,692,490) is pledged to secure a bank overdraft and provide collateral for outstanding letters of guarantee issued by the same bank (see note 16).

6. **Fixed deposits**

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Time deposits with maturity more than three months</strong></td>
<td>169,647,637</td>
<td>195,586,241</td>
</tr>
</tbody>
</table>

7. **Accounts receivable and accrued income**

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tuition and other fees</strong></td>
<td>28,613,870</td>
<td>27,570,911</td>
</tr>
<tr>
<td><strong>Others</strong></td>
<td>45,827,020</td>
<td>40,029,470</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>74,440,890</td>
<td>67,600,381</td>
</tr>
</tbody>
</table>

As at 31 December 2006, accounts receivable aged by number of months since due date as follows:

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Current</strong></td>
<td>21,330,520</td>
<td>20,282,122</td>
</tr>
<tr>
<td><strong>Overdue less than 1 months</strong></td>
<td>4,231,949</td>
<td>4,865,054</td>
</tr>
<tr>
<td><strong>Overdue 1 month to 3 months</strong></td>
<td>6,498,861</td>
<td>8,909,534</td>
</tr>
<tr>
<td><strong>Overdue 3 months to 6 months</strong></td>
<td>18,656,131</td>
<td>12,915,981</td>
</tr>
<tr>
<td><strong>Overdue 6 months to 12 months</strong></td>
<td>7,167,605</td>
<td>7,926,744</td>
</tr>
<tr>
<td><strong>Overdue 12 months</strong></td>
<td>16,555,824</td>
<td>12,700,946</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>74,440,890</td>
<td>67,600,381</td>
</tr>
</tbody>
</table>

As at 31 December 2006, accounts receivable which had been overdue for more than 12 months amounts to Baht 16.56 million (2005: Baht 12.70 million) are the outstanding amounts for Unrestricted Current Fund and Restricted Fund. Management has advised that the outstanding amounts are collectible based on their previous experience of recovering individual student fees in the long-term.
### 8. Property and equipment

<table>
<thead>
<tr>
<th></th>
<th>Campus Development</th>
<th>Buildings</th>
<th>Furniture &amp; Equipment</th>
<th>Motor Vehicles</th>
<th>Library Assets in Progress</th>
<th>Construction in Progress</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cost</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>At 1 January 2005</td>
<td>48,005,172</td>
<td>1,069,181,935</td>
<td>762,487,961</td>
<td>27,091,747</td>
<td>231,932,691</td>
<td>18,075,870</td>
<td>2,156,775,376</td>
</tr>
<tr>
<td>Additions</td>
<td>310,998</td>
<td>56,397,826</td>
<td>62,257,934</td>
<td>12,712,427</td>
<td>10,769,846</td>
<td>2,792,486</td>
<td>145,241,517</td>
</tr>
<tr>
<td>Disposals</td>
<td>-</td>
<td>-</td>
<td>(264,727)</td>
<td>(9,689,706)</td>
<td>-</td>
<td>-</td>
<td>(9,954,433)</td>
</tr>
<tr>
<td>Transfers</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>At 31 December 2005</strong></td>
<td><strong>48,316,170</strong></td>
<td><strong>1,125,579,761</strong></td>
<td><strong>824,481,168</strong></td>
<td><strong>30,114,468</strong></td>
<td><strong>242,702,537</strong></td>
<td><strong>20,868,356</strong></td>
<td><strong>2,292,062,460</strong></td>
</tr>
<tr>
<td>Additions</td>
<td>313,320</td>
<td>195,746</td>
<td>25,370,497</td>
<td>29,000</td>
<td>10,215,888</td>
<td>1,108,774</td>
<td>37,233,225</td>
</tr>
<tr>
<td>Disposals</td>
<td>-</td>
<td>-</td>
<td>(626,591)</td>
<td>(6,861,313)</td>
<td>-</td>
<td>-</td>
<td>(7,054,971)</td>
</tr>
<tr>
<td>Transfers</td>
<td>-</td>
<td>15,115,437</td>
<td>4,884,552</td>
<td>4,884,552</td>
<td>-</td>
<td>(20,681,265)</td>
<td>-</td>
</tr>
<tr>
<td><strong>At 31 December 2006</strong></td>
<td><strong>48,629,490</strong></td>
<td><strong>1,140,890,944</strong></td>
<td><strong>854,109,626</strong></td>
<td><strong>25,140,423</strong></td>
<td><strong>252,918,425</strong></td>
<td><strong>1,295,865</strong></td>
<td><strong>2,322,984,773</strong></td>
</tr>
</tbody>
</table>

Accumulated depreciation

|                     |                    |           |                       |                |                           |                         |            |
| At 1 January 2005   | -                  | 451,448,432 | 650,760,551          | 18,475,637     | 191,131,429               | -                       | 1,311,816,049 |
| Impairment losses   | -                  | -         | -                    | -              | -                         | -                       | -           |
| Disposals           | -                  | -         | (193,658)            | (6,861,313)    | -                         | -                       | (7,054,971)  |
| Transfers           | -                  | -         | -                    | -              | -                         | -                       | -           |
| **At 31 December 2005** | **-**              | **477,284,155** | **705,908,044** | **14,777,175** | **208,109,653** | **-**                   | **1,406,079,027** |
| Depreciation charge for the year | -                  | 32,662,741  | 44,981,895           | 3,343,733      | 13,770,907                | -                       | 94,759,276  |
| Impairment losses   | -                  | -         | -                    | -              | -                         | -                       | -           |
| Disposals           | -                  | -         | (4,076,230)          | -              | -                         | -                       | (4,076,230)  |
| Transfers           | -                  | -         | -                    | -              | -                         | -                       | -           |
| **At 31 December 2006** | **-**              | **509,946,896** | **750,889,939** | **14,044,678** | **221,880,560** | **-**                   | **1,496,762,073** |

Net book value

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>At 31 December 2006</td>
<td>48,629,490</td>
<td>630,944,048</td>
<td>103,219,687</td>
<td>11,095,745</td>
<td>31,037,865</td>
<td>1,295,865</td>
<td>826,222,700</td>
<td></td>
</tr>
</tbody>
</table>
9. **Accounts payable and accrued expenses**

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(in Baht)</td>
<td></td>
</tr>
<tr>
<td>Owing to suppliers</td>
<td>7,319,792</td>
<td>12,124,476</td>
</tr>
<tr>
<td>Advance received from donors</td>
<td>1,355,474</td>
<td>1,208,371</td>
</tr>
<tr>
<td>Provision for ISF tax</td>
<td>19,086,617</td>
<td>22,550,142</td>
</tr>
<tr>
<td>Advance from students</td>
<td>13,594,563</td>
<td>25,620,103</td>
</tr>
<tr>
<td>Accruals</td>
<td>8,101,566</td>
<td>2,345,136</td>
</tr>
<tr>
<td>Tax payable</td>
<td>13,260,369</td>
<td>11,678,459</td>
</tr>
<tr>
<td>Payables to staff</td>
<td>4,999,357</td>
<td>2,082,110</td>
</tr>
<tr>
<td>Other liabilities</td>
<td>36,157,233</td>
<td>25,588,831</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>103,874,971</strong></td>
<td><strong>103,197,628</strong></td>
</tr>
</tbody>
</table>

10. **Assets held on behalf of, and amounts due to, donors**

The agency fund represents amounts held on behalf of donors and other agencies and are disbursed in accordance with their instructions. AIT has no title to these funds or the associated revenues and expenses. The revenues generated and expenses made by the fund are as follows:

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(in Baht)</td>
<td></td>
</tr>
<tr>
<td>Funds received from donors</td>
<td>400,261,105</td>
<td>255,653,321</td>
</tr>
<tr>
<td>Application of funds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Salaries and other benefits</td>
<td>48,093,480</td>
<td>55,703,165</td>
</tr>
<tr>
<td>- Scholarships</td>
<td>302,031,431</td>
<td>239,333,503</td>
</tr>
<tr>
<td>- Contracted services</td>
<td>895,002</td>
<td>860,748</td>
</tr>
<tr>
<td>- Communication and travel</td>
<td>2,751,452</td>
<td>4,732,209</td>
</tr>
<tr>
<td>- Difference in exchange rate</td>
<td>-</td>
<td>8,187,651</td>
</tr>
<tr>
<td><strong>Total funds applied</strong></td>
<td><strong>353,771,365</strong></td>
<td><strong>308,817,276</strong></td>
</tr>
<tr>
<td><strong>Surplus/(deficit) for the year</strong></td>
<td><strong>46,489,740</strong></td>
<td><strong>(53,163,955)</strong></td>
</tr>
</tbody>
</table>

Assets held on behalf of donors comprise:

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(in Baht)</td>
<td></td>
</tr>
<tr>
<td>Cash and deposits at financial institutions</td>
<td>447,898,916</td>
<td>421,472,342</td>
</tr>
<tr>
<td>Fixed deposits</td>
<td>-</td>
<td>1,793,988</td>
</tr>
<tr>
<td>Accounts receivable</td>
<td>323,616</td>
<td>8,721,414</td>
</tr>
<tr>
<td><strong>Total assets held on behalf of donors</strong></td>
<td><strong>448,222,532</strong></td>
<td><strong>431,987,744</strong></td>
</tr>
</tbody>
</table>

Opening amounts due to donors | 416,164,604 | 395,214,929 |
Surplus/(deficit) for the year | 46,489,740  | (53,163,955) |
Transfers from other funds | -             | 81,502,644   |
Transfers to other funds | (19,452,075) | (7,389,014)  |
Closing amounts due to donors | 443,202,269  | 416,164,604  |
Liabilities | 5,020,263  | 15,823,140   |

**Closing amounts due to donors and liabilities** | **448,222,532** | **431,987,744** |
11. Assets held on behalf of, and amounts due to, UNEP RRC.AP

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funds received from UNEP RRC.AP</td>
<td>215,929,643</td>
<td>166,083,966</td>
</tr>
<tr>
<td>Total funds applied</td>
<td>161,029,894</td>
<td>132,222,212</td>
</tr>
<tr>
<td>Surplus/(deficit) for the year</td>
<td>54,899,749</td>
<td>33,861,754</td>
</tr>
<tr>
<td>Assets held on behalf of UNEP RRC.AP comprise:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash and deposits at financial institutions</td>
<td>197,076,567</td>
<td>223,360,452</td>
</tr>
<tr>
<td>Accounts receivable</td>
<td>1,634,436</td>
<td>480,880</td>
</tr>
<tr>
<td>Fixed assets</td>
<td>1,673,758</td>
<td>1,896,519</td>
</tr>
<tr>
<td>Total assets held on behalf of UNEP RRC.AP</td>
<td>200,384,761</td>
<td>225,737,851</td>
</tr>
<tr>
<td>Opening amounts due to UNEP RRC.AP</td>
<td>134,063,927</td>
<td>100,192,598</td>
</tr>
<tr>
<td>Surplus/(deficit) for the year</td>
<td>54,899,749</td>
<td>33,861,754</td>
</tr>
<tr>
<td>Closing amounts due to UNEP RRC.AP</td>
<td>188,963,676</td>
<td>134,063,927</td>
</tr>
<tr>
<td>Liabilities</td>
<td>11,421,085</td>
<td>91,673,924</td>
</tr>
<tr>
<td>Closing amounts due to UNEP RRC.AP and liabilities</td>
<td>200,384,761</td>
<td>225,737,851</td>
</tr>
</tbody>
</table>

12. Salaries and benefit

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wages and salaries</td>
<td>521,276,210</td>
<td>516,768,536</td>
</tr>
<tr>
<td>Social security costs</td>
<td>7,485,697</td>
<td>5,894,540</td>
</tr>
<tr>
<td>Pension costs</td>
<td>25,507,326</td>
<td>35,186,793</td>
</tr>
<tr>
<td>Income tax</td>
<td>22,265,538</td>
<td>20,280,048</td>
</tr>
<tr>
<td>Other costs</td>
<td>29,788,495</td>
<td>67,988,779</td>
</tr>
<tr>
<td>Salaries and benefit</td>
<td>606,323,266</td>
<td>646,118,696</td>
</tr>
</tbody>
</table>

(Number of employees)

Number of employee as at 31 December

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>903</td>
<td>1,046</td>
</tr>
</tbody>
</table>

13. AIT Center in Vietnam (AITCV)

The Institute has a branch operation in Hanoi, Vietnam. The purpose of the Vietnamese operation is to:

- Educate and train various forms of scientists, technocrats and business managers; and
- Organization research and development activities as well as the transfer of technologies as required by the economic development of the country.

The results of the operation are summarized below and have been included in the results of the Restricted Fund General (Fund 21)

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenues</td>
<td>59,530,296</td>
<td>72,103,996</td>
</tr>
<tr>
<td>Expenses</td>
<td>64,692,832</td>
<td>54,836,585</td>
</tr>
<tr>
<td>Excess of revenue over (under) expenses</td>
<td>(5,162,536)</td>
<td>17,267,411</td>
</tr>
</tbody>
</table>

Financial statements for the years ended 31 December 2006 and 2005 have been produced and approved by the management of the branch.

Significant accounting transactions between the Institute and its branch were eliminated from these financial statements.
14. AIT Insured saving fund
The Institute and its staff jointly operated an Insured Savings Fund post-retirement defined contribution scheme. With effect from 1 February 2004, a Provident Fund has replaced the Insured Saving Fund. The Institute contributes to the fund as the rate of 10% of salary earned, and the employees are allowed to contribute 3% to 10% of gross salary. With effect from 1 April 2006, the Institute contributes to the fund as the rate of 5% of salary earned, and the employees are allowed to contribute 3% to 5% of gross salary. The fund is managed by TISCO Assets Management Co., Ltd. The assets of the Insured Saving Fund were substantially transferred to the new Provident Fund.

15. Commitments and contingent liabilities
As at 31 December 2006 and 2005, the Institute has commitments and contingent liabilities as follows:

- Bank guarantees amounting to approximately Baht 3.17 million (2005: Baht 3.60 million) were issued by a bank on behalf of the Institute in respect of certain performance bonds as required in the normal course of operations of the Institute.
- There are five labour cases pending for trial at the Central Labour Court and the Labour Protection Law and the Labour Relation Law. Four cases have been decided by the Central Labour Court favourably to the Institute. However, the four cases are still pending in the Supreme Court. The management believes that the Supreme Court will decide in favour of the Institute. Another case is pending for trial in the Central Labour Court. The management also believes that the Institute will win the case.

16. Land lease
As disclosed in Note 8 the Institute entered into a new Land Lease Agreement (Lease) in respect of the site that the Institute occupies. The thirty-year Lease was signed on 10 June 2005. The Lease was obtained at a significant discount to the market rental rates. However, the consideration for this discount is that should the lease not be renewed and the land revert to Thammasat University (University), or its successor as the landlord, all buildings and infrastructure on the Institute site will become the property of the University or its successor as landlord.

Furthermore, the Lease is contingent on a Memorandum of Understanding (MOU) between the University and the Institute. The MOU provides that the Institute will make available and fund a total of sixty scholarships over the thirty-year life of the Lease. Scholarships made in accordance with the MOU will cover tuition fees for qualified lecturers from the University, selected by the University, to pursue a Doctoral degree at the Institute. As at 31 December 2006, the Institute can only estimate that the cost of this commitment, at today's values, will be approximately Baht 77.76 million.

17. Disclosure of financial instruments
The Institute does not speculate or engage in the trading of any derivative financial instruments.

Accounting policies
Details of significant accounting policies and methods adopted, including the criteria for recognition, the basis of measurement and the basis on which revenues and expenses are recognized, in respect of each class of financial assets and financial liabilities are disclosed in Note 4 to the financial statements.

Credit risk
Credit risk is the risk arising from failure of customer to meet their contractual obligations, which may eventually cause financial losses.

The Institute is exposed to credit risk for the supply of educational services to enrolled primarily self-funding students. The Institute does not perform a credit evaluation on enrolling or enrolled students, nor does it seek any collateral in respect of fees for future years from enrolled students. The Institute does not operate a global credit risk management policy. Rather, individual perceived credit risks are identified and policies put in place to manage those risks.

Interest rate risk
Interest rate risk is the uncertainty in value of assets, financial debts or net interest income as a result of the fluctuations of the market interest rate.

The deposit rates of all financial assets are based on market rates. The Institute does not have an interest rate risk management policy.

Foreign currency risk
Currency risk occurs when the value of financial instruments changes in accordance with the fluctuations of the exchange rate, which may affect gain/loss on foreign exchange currency of the present and future years.

The Institute insures foreign currency risk when receives payment for tuition and fees and makes payment of purchases of equipment in currencies other than Thai Baht. The Institute does not have a foreign currency risk management policy.

Estimated fair value of financial instruments
Fair values have been estimated by the Institute using available market information and appropriate valuation methodologies. The methods and assumptions in estimating fair value of financial instruments are as follows:

- The fair value of cash on hand and cash at banks, accounts receivable and accounts payable are their carrying value presented in balance sheet.

18. Reclassification of accounts
Certain accounts in the 2005 financial statements have been reclassified to conform with the presentation in the 2006 financial statements.
Abbreviations

ADB  Asian Development Bank
ADB-JSP  ADB-Japan Scholarship Program
ADA  Austrian Development Agency
AIT  Asian Institute of Technology
AITAA  Asian Institute of Technology Alumni Association
AIT-CI  AIT Center Indonesia
AIT-CV  AIT Center Vietnam
ARRPEEC  Asian Regional Research Program in Energy, Environment and Climate
ARRPET  Asian Regional Research Program on Environmental Technology
ARU  Alumni Relations Unit
ASEAN  Association of South East Asian Nations
CIDA  Canadian International Development Agency
DAAD  German Academic Exchange Service
Danida  Danish International Development Agency
EC  European Commission
ESCP-EAP  European School of Management, France
EU  European Union
FTI  Federation of Thai Industries
GIS  Geographic Information System
GTE  Geotechnical Engineering
GTZ  German Technical Cooperation
ICM  Information and Communications Management
ICT  Information and Communications Technology
IDRC  International Development Research Centre, Canada
IGS  International Geosynthetics Society
INT  Institute of National Telecom, France
IWA  International Water Association
IWRM  Integrated Water Resources Management
JAXA  Japan Aerospace Exploration Agency
JJ/WBGSP  Joint Japan/World Bank Graduate Scholarship Program
JST  Japan Science and Technology
KMIT  King Mongkut Institute of Technology
KOICA  Korea International Cooperation Agency
MOET  Ministry of Education and Training, Vietnam
MSU  Michigan State University
MTERM  Modeling Tools for Environment and Resources Management
NANOTEC  National Nanotechnology Center, Thailand
NAQDA  National Aquaculture Development Authority, Thailand
NECTEC  National Electronics and Computer Technology Center, Thailand
NECORD  Northeast Community Restoration and Development Project, Thailand
NGO  Non-Governmental Organization
NORAD  Norwegian Agency for Development Cooperation
NSTDA  National Science and Technology Development Agency, Thailand
NTNU  Norwegian University of Science and Technology
NUOL  National University of Laos
OTM  Offshore Technology and Management
PPP  Public Private Partnerships
RTG  Royal Thai Government
RUPP  Royal University of Phnom Penh
SAARC  South Asian Association for Regional Cooperation
SAREC  Department for Research Cooperation, Sida
SDP  Strategic Development Plan
SEA-UEMA  SDouthEast Asia Urban Environmental Management Applications
SERD  School of Environment, Resources and Development
SET  School of Engineering and Technology
Sida  Swedish International Development Cooperation Agency
SINTEF  Foundation for Scientific and Industrial Research, Norway
SME  Small and Medium Enterprise
SOM  School of Management
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOEFL</td>
<td>Test of English as a Foreign Language</td>
</tr>
<tr>
<td>TRS</td>
<td>Thai Robotics Society</td>
</tr>
<tr>
<td>UEM</td>
<td>Urban Environmental Management</td>
</tr>
<tr>
<td>UKM</td>
<td>Universiti Kebangsaan Malaysia</td>
</tr>
<tr>
<td>UMP</td>
<td>Urban Management Program</td>
</tr>
<tr>
<td>UNESCO</td>
<td>United Nations Educational, Scientific and Cultural Organization</td>
</tr>
<tr>
<td>UNEP ROAP</td>
<td>United Nations Environment Programme Regional Office for Asia and the Pacific</td>
</tr>
<tr>
<td>UNESCAP</td>
<td>United Nations Economic and Social Commission for Asia and the Pacific</td>
</tr>
<tr>
<td>UN Habitat</td>
<td>United Nations Human Settlements Programme</td>
</tr>
<tr>
<td>UNICEF</td>
<td>United Nations Children's Fund</td>
</tr>
<tr>
<td>UNU</td>
<td>United Nations University</td>
</tr>
<tr>
<td>USAID</td>
<td>United States Agency for International Development</td>
</tr>
<tr>
<td>UTM</td>
<td>Universiti Teknologi Malaysia</td>
</tr>
<tr>
<td>WAP</td>
<td>Wetland Alliance Program</td>
</tr>
<tr>
<td>WFP</td>
<td>World Food Program</td>
</tr>
</tbody>
</table>
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Pathumthani 12120 Thailand

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Fax: (6-2) 516-2126, 516-1418
Website: www.ait.ac.th

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