



AIT
Asian Institute of Technology

**ANNUAL
REPORT 2012**
ASIAN INSTITUTE OF TECHNOLOGY





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THE BOARD OF TRUSTEES 2012

Chairman Emeritus

H.E. Dr. Thanat Khoman

Former Deputy Prime Minister and Former Minister of Foreign Affairs of Thailand

Vice Chairmen

Professor Shinichiro Ohgaki

(Until 29 October 2012)

Professor Emeritus of the University of Tokyo, President, National Institute for Environmental Studies (NIES), Japan

Mr. Jean-Pierre Verbiest

Former Country Director, Thailand Resident Mission, Asian Development Bank

Board Members

H.E. Mr. Johannes Andries Boer

(Resigned 20 November 2012)

Ambassador of the Netherlands to Thailand

Dr. Tongchat Hongladaromp

(Until 29 January 2012)

President of the University Council, King Mongkut's University of Technology (Thonburi)

H.E. Ms. Sirpa Mäenpää

(Resigned 20 December 2012)

Ambassador of Finland to Thailand

Mr. Deepak Seth

(Resigned 19 December 2012)

Chairman, House of Pearl Fashion Ltd., India

Khunying Jada Wattanasiritham

(Until 29 October 2012)

Director and Executive Director, Siam Commercial Bank Public Co., Ltd.

Professor Yongyuth Yuthavong

(Until 29 January 2012)

Former Minister of Science and Technology, Ministry of Science and Technology, Thailand

Mr. Dornath Aryal

Chargé d'Affaires, the Embassy of Nepal

H.E. Mrs. You Ay

Ambassador of Cambodia to Thailand

Mr. Chawalit Chantararat

President, AIT Alumni Association (ex-officio)

Professor Hubert Gijzen

Director of UNESCO in Jakarta

H.E. Mr. Lutfi Rauf

Ambassador of Indonesia to Thailand

H.E. Mr. Kazi Imtiaz Hossain

Ambassador of Bangladesh to Thailand

Professor Said Irandoust

President (ex-officio)

Chairman

H.E. Dr. Tej Bunnag

(Until 11 December 2012)

Former Minister of Foreign Affairs of Thailand and Assistant Secretary General for Administration, the Thai Red Cross Society

Chairman

Mr. Nopadol Gunavibool

(Served as trustee and elected as Chairman

On 12 December 2012)

Deputy Permanent Secretary, Ministry of Foreign Affairs of Thailand

Mr. Apichart Jeerawut

Secretary-General, Commission on Higher Education, Ministry of Education, Thailand

H.E. Mr. Seiji Kojima

Ambassador of Japan to Thailand

H.E. Gen. Shantha Kottegoda

Ambassador of Sri Lanka to Thailand

H.E. Mrs. Linglingay F. Lacanlale

Ambassador of the Philippines to Thailand

H.E. Mr. Gildas Le Lidec

Ambassador of France to Thailand

Professor Dr. Somkit Lertpaithoon

Rector, Thammasat University

H.E. Mr. Lim Jae-hong

Ambassador of Republic of Korea to Thailand

H.E. Mr. David Lipman

Ambassador-Head of Delegation European Commission to Thailand

H.E. Mr. Sohail Mahmood

Ambassador of Pakistan to Thailand

H.E. Mr. Klas Molin

Ambassador of Sweden to Thailand

H.E. Mrs. Katja Christina Nordgaard

Ambassador of Norway to Thailand

H.E. Mr. Ouan Phommachak

Ambassador of Lao People's Democratic Republic to Thailand

H.E. Mr. Ngo Duc Thang

Ambassador of Vietnam to Thailand

H.E. Mr. Anil Wadhwa

Ambassador of India to Thailand

Ms. Yang Xinyu

Deputy Secretary-General of China Scholarship Council (CSC), PR of China

Secretary to the Board

Mrs. Kulvimol Wasuntiwongse

MESSAGE FROM THE CHAIRMAN

THE AIT BOARD OF TRUSTEES

It is indeed a great honor and privilege to serve as Chairman of this prestigious institution with an illustrious history of over five decades of excellence in the service of countries, people and communities of the Asian region and beyond.

I wish to thank the members of the Board of Trustees, Deans, Faculty, Staff as well as the students, partners and the AIT community for their trust and confidence in electing me as Chairman of the AIT Board of Trustees on 12 December 2012. I am also grateful to the President and the Vice Presidents for the valuable support I received in carrying out my duties and in representing this important office, which had been held by highly respectable and qualified individuals.

I was called upon to take up the responsibilities as Chairman of the Board during a very difficult period for AIT. The Institute had still not recovered from the worst natural calamity in our history, as the AIT campus was completely inundated during the great flood of 2011. It was also faced with a deadlock in its administration and a void in governance due to its legal challenges regarding the new AIT Charter vis-à-vis the host country, which affected its budgetary funds as well as brought into question the validity of AIT degrees.

Thailand has hosted AIT from its inception, starting from the SEATO Graduate School of Engineering, and has since been its largest donor over the years. The Ministry of Foreign Affairs of Thailand has been in charge of the execution of the AIT Enabling Act, and in view of the grave challenges faced by the Institute, the Ministry considered it as its duty to help the AIT resolve the deadlock that paralyzed it and to enable the Institute to uphold its prestige. It was primarily in that spirit that I accepted the daunting task of Chairman of the AIT Board of Trustees to assist AIT in finding an amicable way out of the institutional crisis with a win-win solution for all parties.

The Board of Trustees and its committees, especially the Executive Committee, have worked tirelessly to resolve difficulties within the AIT and to put the Institute back on a stronger footing. Several major issues have been largely clarified and operations are to a large extent back to normal, thanks to the sincere efforts and dedication of the faithful workers of AIT.

The AIT Annual Report 2012 highlights the achievements and accomplishments of the Institute in the field of education, research, training and outreach over the year. It showcases AIT's regional as well as global reach through an array of its partnerships and networks.

I am confident that the Institute will continue in its path of recovery and maintain its lofty standards as a higher education institution of excellence serving the region in human resources development and capacity building.



Mr. Nopadol Gunavibool

Chairman of the Board of Trustees
Asian Institute of Technology (AIT)



AIT'S CRISIS IN 2012

CHRONOLOGY OF EVENTS

January

2 – Republic of Bangladesh became the seventh country to ratify the New AIT Charter. The Charter was ratified at the meeting of the Council of Ministers of Bangladesh held in Dhaka.

5 – Following a directions by the Executive Committee on obtaining the services of a PR firm, Midas PR was contracted to help AIT during the post-flood recovery phase and to come up with a set of recommendations.

5 – Mr. Sandeep Kalita, an Indian national studying in the MBA program at the School of Management, was killed in a motor-bike crash in Hua Hin.

6 – Due to three traffic accidents and one tragic accident of a SOM student during the relocation of the AIT campus to Hua Hin, Thailand, the AIT Student Union, on behalf of the student representatives of India, Sri Lanka, Pakistan, Afghanistan, Nigeria, China, Mongolia, Taiwan, Thailand and Vietnam strongly requested the AIT President to authorize the return of all students back to the main AIT campus in Pathum Thani and to resume their classes on the first day of the January 2012 semester.

7 – President Said Irandoust answered questions and concerns of the AIT community that had been posed by the AIT Student Union and the AIT faculty, and on the basis of concerns raised by the AIT Alumni. The wide range of questions covered issues regarding the mother campus in Pathumthani, temporary campus location at Hua Hin and Cha-am, AIT's long term future, the New Charter, academic issues, and AIT's reputation and quality, apart from some personal questions.

9 – The first meeting of the Campus Rebuilding and Upgrading Committee was held.

11 – The President responded to the AIT Alumni Association (Thailand) on the exploration of AIT-Laureate partnership.

12 – A Student Forum was organized in Hua Hin by the AIT President to inform students on the current physical and financial status of AIT; the intergovernmental charter and its benefits to AIT and the host-country Thailand; the new financial model which AIT was trying to pursue; the non-binding exploratory MoU that was signed with Laureate Education Inc.; and the ongoing efforts to rehabilitate, restore, rebuild and strengthen AIT.

15 – AIT academic buildings were reopened at the Pathum Thani campus for research students.

16 – Concern over the succession of AIT to AIT Intergovernmental Organization (AIT-IO) status was discussed at the AIT Executive Committee Meeting, where the legal advice from Kanung and Partner Law Offices of 20 December 2011 was received. The President was requested to verify with Thailand's Ministry of Foreign Affairs (MFA).

18 – Thai Newspaper Matichon Online reported that AIT students and faculty members rose up in protest against their president for, as it was stated: "Pulling (in a) private company to take over the administration."

20 – A letter from the AIT President to Thailand's Ministry of Foreign Affairs asking for Clarification on the status of the current AIT after the New Charter was to 'Enter into Force' on 30 January 2012 without Thailand.

20 – Chairman of the AIT Board of Trustees H.E. Dr. Tej Bunnag explained the relevance of the new AIT Charter and the Institute's exploration of public-private partnership (PPP) funding models to Thai newspaper Matichon.

21 – Three months to the day the campus was completely flooded, forcing the large-scale evacuation of all students, faculty, staff and residents, AIT conducted its 116th Graduation Ceremony.

23 – Dr. Tej Bunnag, Chairman of the AIT Board of Trustees, at the invitation of the Faculty Representative Dr. Manukid Parnichkun, had an informal interaction session with faculty members. Chairman of the AIT Executive Committee Mr. Jean-Pierre Verbiest and President Said Irandoust also joined the meeting. Dr. Tej explained the role and engagement of the faculty in the drafting of the bye-laws and headquarters agreement of the AIT New Charter, and the exploration of public-private partnerships (PPP), a new funding model based on PPP.

24 – President Said Irandoust responded to what he deemed to be a negative campaign against the new AIT Charter by the AIT Alumni Association (AITAA) – Thailand Chapter President in an open letter.

24 – Letters from five (5) Board Members objecting to the unlawful dissolution of the Board of Trustees as an organ of the original AIT Charter, and insisting on their continuation as Board Members.

25 – In the meeting of the Board, the Chairman declared the dissolution of the Board effective on 30 January 2012 despite receiving letters of objection from five (5) Board members. He said he would pass the five letters to the Ministry of Foreign Affairs (MFA) to deliberate and rule on the legal implications.

27 – The AIT Alumni Association (Thailand) sent a letter to the Minister of Foreign Affairs regarding the governance and transparency of the administration of the AIT, and the conclusion of a Memorandum of Understanding (MoU) between AIT and Laureate Education Asia Limited, which could affect the nature of AIT as a non-profit organization, as stipulated in the AIT Charter.

30 – AIT announced the New Charter entered into force and that the Council under the New Charter would govern AIT, replacing the Board of Trustees, despite the lack of any legal succession.

February

6 – An informal meeting of the new AIT Council was held and attended by the ambassadors of Sweden, Japan, India, Sri Lanka, Pakistan, Bangladesh and the Charge d' Affaires a.i. of Nepal. It was also attended by a non-member representative from the Ministry of Foreign Affairs of Thailand.

10 – External experts reported that the air quality in the campus had significantly improved, based on the latest test.

14 – An Orientation Program for new students was held at the AIT Conference Center, during which AIT welcomed the first post-flood batch of students to the AIT main campus. The event was attended by 88 students from 21 countries.

15 – AIT resumed academic classes at its main campus in Pathumthani province, Thailand. This decision was approved by President Said Irandoust after a special meeting of the AIT Academic Senate held at the AIT campus on 7 January 2012.

16 – A meeting between the Ministry of Foreign Affairs and some Thai members of the AIT Board of Trustees was held at the Ministry of Foreign Affairs, Bangkok.

17 – H.E. Sohail Mahmood, Ambassador of Pakistan to Thailand, visited the main campus to show his solidarity with the Institute and to meet with the Pakistani students.

24 – Panelists composed of AIT alumni and faculty experts on water management discussed the lessons learnt from the Great Thailand Flood of 2011 at the event entitled "AIT Returns Home: Towards a Sustainable Future", which was organized in the flood damaged AIT library. The event was broadcast live on Thai ASEAN News Network (TAN) Network TV.

March

5 – The second phase of AIT's request of 278.34 million Thai Baht for campus flood rehabilitation was recommended for approval of the Cabinet by the National Committee on Flood Assistance to Affected Universities. Earlier, on 28 December 2011, the RTG Cabinet had already approved the Phase 1 budget of 292.79 million Baht to AIT. Thus, altogether, AIT was expected to receive 571.13 million Baht for the rehabilitation of its campus.

15 – Deputy Prime Minister of Thailand, H.E. Mr. Yongyuth Wichaidit, assured AIT of the release of flood emergency funds for its campus repairs and rebuilding.

21 – An Open Forum with students on Campus Rebuilding and Upgrade Efforts was held at the Milton Bender Auditorium to update them on the ongoing efforts to rebuild and upgrade the campus, and steps that remained. The event aired the concerns and received ideas and inputs from AIT students.

29 – The second informal meeting of the AIT Governing Council under the new Charter was convened at the Indian Embassy under the Chairmanship of H.E. Mr. Anil Wadhwa, Ambassador of India. The meeting deliberated on the new bye-laws under the new Charter.

April

19 – Two letters were issued from the Office of the Higher Education Commission (OHEC) informing AIT of the freezing of the RTG Annual Budget Allocation to AIT and the cancellation of the Previously Approved Flood Rehabilitation Assistance (292 million Baht) after AIT announced its change of status of AIT-IO. The reason was that the said budgets were earlier approved by the Cabinet for the AIT under the original Charter B.E. 2510, but not for the AIT-IO under the new Charter.

20 – An Open Letter from AIT Student Union's GA Members was sent to the AIT President through the Student Union President, raising questions related to the AIT degrees issue. The first question asked on the basis of which entity the President was going to present the AIT degrees at the upcoming graduation ceremony (as the Board of Trustees was dissolved). Second, they asked who would sign the degree certificates when there was no AIT Board Chairman. Third, they wanted to know if the new Council had the legal power to confer the degrees given that the Council had never officially met.

May

2 – Thailand's Ministry of Foreign Affairs (MFA) sent a reply letter in response to the AIT President's letter of 20 January 2012 clarifying the status of AIT as follows:

"From a legal standpoint, the AIT Charter and its Enabling Act B.E. 2510 remain in effect in Thailand. Therefore, the AIT under the said Act and its bodies, including the Board of Trustees (BOT), and their membership, are bound to perform their functions as usual. In other words, despite the entry into force of the new AIT Charter on 30 January 2012, the AIT under the new AIT Charter, including its Governing Council, cannot perform its duties in Thailand in the absence of a new AIT Enabling Act."

MFA also informed of the complaints by AITAA (Thailand) on the governance and transparency of AIT Administration and of its attempt to enter into a strategic partnership with a for-profit private company, which could affect the non-profit nature of AIT. Thus the ratification process would be suspended until the complaints have been addressed.

25 – An Academic Senate meeting was held to address the concerns of students on the official validity of the AIT degree.

29 – H.E. Mr. Sohail Mahmood, Ambassador of Pakistan to Thailand, as the most senior ambassador among the members of the New Charter, agreed to sign the AIT degrees to be conferred by the Council of the New Charter, instead of the Board of Trustees.

June

1 – AIT celebrated its 117th Graduation Ceremony. AIT degrees were awarded by the Council of the New Charter, which was declared to have entered into force even without ratification from Thailand. AIT went ahead despite the warning from OHEC that AIT under the New Charter did not inherit the power to confer degrees in Thailand, and thus had violated the Private Higher Education Act B.E. 2546.

5 – The RTG Cabinet approved the proposal submitted by MFA as follows:

1. *The new AIT Charter should not be ratified until the institute clarifies and addresses the concerns raised by the AIT Alumni Association – Thailand.*
2. *The Cabinet acknowledges the following measures of MFA:*
 - 2.1. *Postponing the submission to the Cabinet the draft ‘Enabling Act B.E....for AIT-IO’.*
 - 2.2. *Postponing the submission of the new AIT Charter and the draft Headquarter Agreement at the Parliament session.*

10 – Vietnam became the eighth country and the first ASEAN country to deposit the Instrument of Accession with the Government of Thailand on 10 May 2012.

14 – A letter by Mr. Douglas L. Becker, Chairman and CEO of the Laureate Education Group, was sent to the AIT Council members, informing about his company’s initial contact and potential partnership with AIT. It said the company was invited by the Executive Committee and the then Board of Trustees in 2011 to jointly develop a strategic plan, but the tragic floods interrupted this almost immediately.

19 – A letter from OHEC requesting the AIT President to clarify which Charter was currently being used to operate AIT. This was necessary for OHEC to consider if AIT was still eligible for the annual budget that was approved in principle earlier.

21 – A letter from OHEC requesting the AIT President to respond to the complaints made by AITAA (Thailand) on the governance and transparency of the AIT Administration and to the secret MOU that would lead AIT to be a strategic partner with a for-profit business entity.

28 – Nepal’s Prime Minister reaffirmed Nepal’s position to ratify the new AIT Charter.

July

10 – The RTG Committee on Water and Flood Management (CWFM) approved a budget of 161,470,417 Baht for the construction of the Tri-Institute Common Dyke System, in which 43,377,000 Baht was allocated to AIT through Thammasat University. AIT Vice President for Resource Development Prof. Worsak Kanok-Nukulchai was appointed as coordinator of the Tri-Institute Common Dyke Project.

13 – Reply from AIT President to OHEC’s letter of 21 June 2012 on the governance and transparency of the Administration and the strategic partnership with a for-profit business entity which, he believed, would not compromise the non-profit condition of AIT under the New Charter.

16 – A Letter from OHEC reminded the AIT President to respond to its 19 June 2012 letter asking for clarification whether the Institute was under the original Charter or the new Charter.

August

10 – The AIT President sent a reply to OHEC clarifying that AIT operated under the new Charter, which he claimed to be an amendment of the original Charter. Thus, the AIT President

believed that AIT under the new Charter was covered under the ambit of the AIT Enabling Act B.E. 2510.

13 – The AIT President gave an interview on Thailand’s TV Channel 9 explaining about the validity of AIT’s degrees.

September

3 – Cambodia deposited the Instrument of Accession of the new AIT Charter with the Royal Thai Government. Cambodia became the ninth member of the AIT Council and second member from the Southeast Asian region.

4 – The Office of the Council of State, Thailand, sent a letter to the Ministry of Foreign Affairs, providing an opinion on AIT’s legal status as an intergovernmental organization under the new AIT Charter as follows:

“Regarding the AIT as an intergovernmental organization under the AIT Charter which was cosigned by the Royal Thai Government on 25 August 2010, as Thailand has not expressed an intent to obligate herself to the Charter, which can be done by presenting a letter of acceptance or a letter of consent or a letter of accession per Article 14 of the Charter, and has not enacted an Enabling Act for the AIT as an intergovernmental organization, the institute under the new Charter does not possess the status of a juristic person under the Thai laws and, therefore, cannot perform any functions permitted to juristic persons under the Thai laws.”

13 – A Letter from MFA reaffirmed its position to President Said Irandoust as follows:

“Despite the entry into force of the new Charter in 2012, the new AIT and the current AIT under the 1967 Charter are not the same juristic persons. It is clear that the founders and parties to the AIT under the 20 12 Charter are different from those under the 1967 Charter. The Enabling Act B.E. 2510 (1967) grants legal personality and certain privileges and immunities only to the AIT, which was established in 1967 by States Parties to the Southeast Asia Treaty Organization (SEATO). The AIT under the 2012 Charter, however, has been set up by different States Parties and has a different legal personality. Hence, the new AIT as an international organization does not fall within the ambit of the said Enabling Act and cannot use the said Act as a legal basis to legally function in Thailand. Therefore, insisting that the new AIT operates under the 1967 Enabling Act is flawed and misleading.”

19 – AIT’s Council under the new Charter held an informal meeting.

October

17 – A group of students submitted a letter demand to President Said Irandoust to comply with Thai laws and to resume the function of the Board of Trustees so AIT degree certificates could be changed back to the valid one under its authority. In the afternoon, a group of students visited the Ministry of Foreign Affairs and to the Ministry of Education to request their assistance to resolve the current crisis.

19 – Former AIT Board Chair Dr. Tej Bunnag gave an interview to ASTV Manager Online.

19 – AIT President Said Irandoust held a Press Conference

where he addressed questions on the validity of AIT degrees, governance and transparency, and public-private partnership Laureate Education, Inc.

20 – President Said Irandoust met with the AIT students to clarify his position on the validity of the degrees awarded by the AIT Council under the new Charter.

22 – A group of faculty members and staff visited the Ministry of Foreign Affairs to submit a request for the Ministry to help resolve the crisis. On the same day, President Said Irandoust replied to the students' letter of 17 October 2012. He insisted that the current AIT administration was now working under the Council of the New Charter since 30 January 2012, and had no authority to convene the Board of Trustees Meeting.

30 – Nine Council ambassadorial and diplomatic representative members from Bangladesh, Cambodia, India, Japan, Nepal, Pakistan, Sri Lanka, Sweden, and Vietnam were invited to witness and participate at an Institute Forum at AIT attended by the administration, faculty members, staff, and students. It became one of the most dramatic forums in AIT history, as three main issues were dealt with including (a) validation of AIT degrees, (b) the present legal status of the Institute, and (c) the administration governance issues. The Institute Forum was marked by visible protests by faculty, staff and students, with ardent appeals from students to resolve the degree validity issue at the earliest. The Council members promised to help resolve all the problems.

31 – AIT President Prof Said Irandoust was interviewed live by well-known Thai journalists on the "Trong Praden" program on the Thai television channel Krungthep Turakij, Nation Group. He addressed a number of issues facing AIT. In the interview, he urged the Government of Thailand to ratify AIT's new Charter which shall end the problem concerning the legal status of AIT. An article based on the interview appeared in The Nation newspaper on 2 November 2012.

31 – The Standing Committee on Foreign Affairs of the House of Representatives invited representatives of MFA, OHEC, The Office of the Civil Service Commission (OCSC) and AIT faculty, staff, students and alumni to attend a meeting. AIT Vice President for Resource Development Prof. Worsak Kanok-Nukulchai, in his capacity as RTG Faculty Representative, informed the meeting that the entire legal deadlock had arisen because the ratification process of the host country was not completed before the official entry into force of the new Charter on 30 January 2012. He said he persistently urged the AIT President to delay the execution of the new Council while waiting for Thailand to finalize its ratification process. However, the AIT President had a different opinion because his lawyers advised him that the Council under the new Charter could operate in Thailand under the existing Enabling Act B.E. 2510, which was totally opposite to the legal opinion of the State of Council.

November

5 – A meeting was held between the Permanent Secretary of the RTG's Ministry of Foreign Affairs, and members of the Council of AIT's new Charter at MFA to discuss about the ongoing issues related to AIT and Thailand's official position of such issues.

10 – The 41st AITAA Governing Board Meeting at Bhubaneswar, India, attended by AIT Alumni National Chapters around the world, resolved that AIT must respect the rules and the law of the host country (Thailand).

12 – Thai-language newspaper Daily News published a story on President Said Irandoust who clarified his view on the ongoing issue of the invalid degree of AIT. He explained the change of the stand of the Ministry of Foreign Affairs not to ratify the new Charter had caused AIT students to be victimized, resulting in the degree to be invalid. He stated that he did not have the right of decision making.

19 – A Special Board Meeting scheduled on 12 December 2012 was initially called by Professor Shinichiro Ohgaki, Vice Chair of the AIT Board of Trustees acting on behalf of the Chair who announced his resignation on 25 January 2012. Unfortunately, it was met with fierce resistance from Professor Said Irandoust. According to the 4 December 2012 issue of the President's Weekly Letter, President Irandoust tried to limit the Board meeting as a one-off ad hoc meeting (before turning over the operation to the Council) to resolve the issue of AIT degrees and to allow RTG to release the pending budget to AIT.

21 – President Said Irandoust sent emails to Council Members asking them to intervene the Special Board Meeting called by Prof. Shinichiro Ohgaki, claiming that the agenda items were not in line with the agreement between the Permanent Secretary of MFA and Council Members.

27 – Student representatives from Thailand, Vietnam, India, and Indonesia sent letters to members of AIT Board of Trustees to express their full support for the meeting of the Board of Trustees to be held on 12 December, the invitation of which was sent by Prof. Shinichiro Ohgaki.

28 – AIT Academic Senate, through a closed vote (33 votes in favor of the motion, 0 vote against, and 4 abstentions), resolved that: (1) The Academic Senate had no confidence in the ability of President Said Irandoust to lead AIT out of its current crisis; (2) Reconvening the AIT Board of Trustees was the only means to resolve AIT's legal and financial crisis during the interim period pending ratification of the new AIT Charter; and (3) Professor Said Irandoust to resign from his position in order to facilitate speedy restoration of AIT's legal validity in Thailand and its relationship with the Royal Thai Government.

29 – AITAA (Thailand) Panel Discussion on "Which way should AIT be heading?" was held at the Thai Army Club.

30 – President Said Irandoust sent a letter to withdraw the contract renewal of Prof. Jayant K. Routray, Chairman of the Academic Senate, for his role in the Senate's resolutions against the President on 28 November 2012.

30 – AIT students from Thailand, India, Vietnam, Indonesia, Laos, Bangladesh, Sri Lanka, and Myanmar submitted their expression of support for the AIT Academic Senate's Resolutions of 28 November 2012.

December

4 – The President's Weekly Letter claimed that there was an agreement between the Council under the AIT-IO Charter and

the Permanent Secretary of the Ministry of Foreign Affairs (MFA) of Thailand, and that a special one-off meeting of the AIT Board shall be convened to only consider two issues: (1) Regularization of the AIT degrees, and (2) Release of Royal Thai Government funds to AIT, in resolving the current impasse.

7 – AITAA-USA strongly showed its support for the “Vote of No Confidence” motion passed by Academic Senate.

10 – Prof. Shinichiro Ohgaki called off the Special Board Meeting scheduled on 12 December 2012 until further notice, because the meeting was met with fierce resistance from Professor Said Irandoust. Prof. Ohgaki viewed the one-off meeting insisted by the AIT President as not reflecting MFA's stance that the Board of Trustees was the rightful governor of AIT, and was bound to perform its functions as usual.

11 – AIT students staged a large-scale protest on campus against AIT President Said Irandoust and his administration on the following issues: (a) Validity of their degrees; (b) The abuse of power of the President; (c) The lack of transparency and good leadership; and (d) Ignoring and challenging legal suggestions from the Host Government.

11 – President Prof. Said Irandoust wrote an ‘Open Letter’ to the AIT community, titled “AIT Needs to Move Forward,” which was placed on the AIT website. The letter’s content which was written in English and Thai versions, covered: (a) Reaffirmation of the AIT degree validity issues and release of funds; (b) Background to the changed global structure, Thailand and AIT; and (c) AIT Needs to Move Forward.

12 – After the decision to call off the planned meeting by Vice Board Chair Prof. Ohgaki, the MFA decided to call the meeting on the same schedule and at the same venue. It was attended by 15 Trustees and representatives. The meeting was chaired by Mr. Nopadol Gunavibool (Deputy Permanent Secretary, MoFA). After agreeing on the agenda, the discussion remained focused on the degree certificate validation issue. OHEC’s position was firm and clear that the degree certificates of AIT would only be validated if AIT followed the Law of the Land under the provision of the Enabling Act B.E. 2510 and the original AIT Charter. After a long deliberation, it was realized that all problems could be solved if the laws of the host country were respected. Hence, the full function of the Board of Trustees was confirmed with the election of the new Board Chair for which Mr. Gunavibool was unanimously elected. Thus, the graduating batch would receive their degrees awarded by the rightful governor of AIT, the Board of Trustees. The process of recruiting a new president would be handled by the Board soon. Finally the meeting agreed to set up an Independent Investigation of the current AIT Administration. This was noted for consideration in a subsequent meeting.

18 – AIT held its 118th Graduation Ceremony where graduates received degrees awarded under the name of the AIT Board of Trustees. For the first time since the flood disaster of October 2011, the AIT Commencement Ceremony took place at the main campus. The event was graced by the new Chairman of the AIT Board of Trustees, Mr. Nopadol Gunavibool, Deputy Permanent Secretary, Ministry of Foreign Affairs (MoFA), Thailand.

January 2013

22 – The Board meeting was held at the Ministry’s Conference Room 3. In this meeting, the Board resolved the following:

1. *A Fact Finding Committee of five persons shall be set up as soon as possible, considering internationality and expertise in the selection of committee members.*
2. *The Fact Finding Committee will compile all facts related to the allegations made against the present AIT leadership and recommend appropriate actions to be taken by the Board. However, President Said Irandoust insisted that the Fact Finding Committee also investigate other parties involved, including AITAA, AITAA-Thailand, and even the RTG authorities.*
3. *President Said Irandoust was requested to take leave from his office and shall not enter the campus at all during the entire period that the Fact Finding Committee is carrying out its assignment, although he should make himself available to the Fact Finding Committee as needed.*
4. *It is expected that the Fact Finding Committee shall complete its task in approximately one month.*
5. *The Board Chair strongly requested that the AIT Community, including faculty, staff, students and alumni, cooperate with the Fact Finding Committee to the fullest extent possible.*

INSTITUTIONAL HIGHLIGHTS

AIT 40 annual Norwegian scholarships for Myanmar students

AIT announced a major scholarship scheme for students from Myanmar. The scholarship is funded by the Ministry of Foreign Affairs of the Royal Norwegian Government. The program supports a total of 120 Master's students over a period of three years (40 scholarships awarded on an annual basis). The Government of Norway will provide 30 million NOK (around 160 million Thai Baht) for these scholarships. Unveiling the program at a function in Myanmar, H.E. Ms. Katja Christina Nordgaard, Ambassador of Norway to Thailand, Cambodia and Myanmar stated that education provided by AIT serves the region effectively. The NMFA scholarship program at AIT is one of the largest programs benefitting students from Myanmar at any institute in the world. In July 2012, forty new postgraduate students from Myanmar kicked-off their academic careers at AIT by attending a special orientation program on 16 July 2012. The enthusiastic students were welcomed by senior AIT officials, who viewed the unveiling of the program as an historic occasion which would help AIT strengthen its ties with Myanmar, particularly in the field of education, research and outreach.

HRH Princess Maha Chakri Sirindhorn visits AIT booth at BITEC

HRH Princess Maha Chakri Sirindhorn graciously visited the AIT promotional booth during her official tour of the annual Thailand National Science and Technology Fair at the Bangkok International Trade and Exhibition Centre (BITEC) on 22 August 2012. HRH Princess Maha Chakri Sirindhorn visited the AIT booth where she viewed several examples of current research being implemented at the Institute, such as a smart policeman mannequin that can detect traffic violators instantaneously.

HRH Princess Maha Chakri Sirindhorn visits AIT exhibit at Chulachomklao Royal Military Academy (CRMA) Exhibition

HRH Princess Maha Chakri Sirindhorn graciously visited the AIT exhibit during her official tour of the Chulachomklao Royal Military Academy (CRMA) Exhibition 2012 on 28-29 November 2012. HRH Princess Maha Chakri Sirindhorn also presented a token of appreciation to all participating universities.

HRH Princess Maha Chakri Sirindhorn grants Royal Audience to 49 AIT students

Her Royal Highness Princess Maha Chakri Sirindhorn granted a Royal Audience to 49 students of the Asian Institute of Technology (AIT) at the Chitralada Palace in Bangkok, Thailand on 2 July 2012. The students are scholarship recipients of His Majesty King's Scholarship, Her Majesty Queen's Scholarship, and GMS Scholarship for the years 2010-2011, and 2011-2012. In the years 2010-2011 and 2011-2012, a total of 69 students received these scholarships. Scholarship recipients included students from 12 countries including Thailand (31), Nepal (9), India (6), Bangladesh (5), Sri Lanka (4), Cambodia (3), Myanmar (3), Vietnam (3), Indonesia (2), Lao PDR (1), Pakistan (1) and, the Philippines (1).

AIT celebrates its 53rd Anniversary

Highlighting its special linkages to Southeast, South and East Asia, and its engagement with emerging, developing countries across the continent, AIT marked 53 years of operation in Thailand on 7-8 September 2012. Joining the festivities was a large contingent of international undergraduates from Pakistan, Nepal and China who represented five Thai national universities. The students of Phranakhon Rajabhat University, Si Ayutthaya Rajabhat University, Rangsit University, University of the Thai Chamber of Commerce, and Mahidol University mingled with AIT students and explored the campus, in particular research exhibits and demonstrations presented by the School of Engineering and Technology (SET) and the School of Environment, Resources and Development (SERD) in the main Auditorium. A special lecture by SERD faculty as part of its homecoming attracted a packed house at the Milton Bender Auditorium. SET faculty also made a number of technical presentations in the main Auditorium, in their respective areas of expertise. All delighted in an elaborate international food festival and were enthralled by a multicultural show organized by 15 national chapters of AIT's Student Union to mark AIT Day 2012.

'AIT Returns Home: Towards a Sustainable Future'

AIT publicly marked its February 15 return to operations at the mother campus with a highly unique on-campus morning event on February 24 titled "AIT Returns Home: Towards a Sustainable Future." Organized in the AIT library – which was extensively damaged from the flood of 21 October 2011 – the event brought together ambassadors, diplomats, alumni, faculty, former faculty, partners, stakeholders, students, staff, residents, media and friends of AIT under the slogan "One AIT For All."

Bangkok Governor honors AIT at ‘Save our Planet Conference’

AIT was honored by the Governor of Bangkok M.R. Sukhumbhand Paribatra at the Fifth Save our Planet Conference on 5 January 2012 for its leadership during the flooding of the Institute in 2011. The plaque of appreciation was presented to the AIT president on the occasion of the event.

21 students completed Professional Master’s in Banking and Finance

Twenty-one students were awarded professional transcripts at the completion ceremony of the Professional Master’s In Banking and Finance (PMBF) program offered by AIT. Ambassador of Bangladesh to Thailand H.E. Mr. Kazi Imtiaz Hossain complimented all of the successful candidates and thanked AIT for contributing towards capacity building in Bangladesh. “You have acquired professional capabilities and your stay at AIT has helped you in obtaining global exposure,” he told the successful participants. All 21 participants in the first batch of the PMBF program are officers of the Bangladesh Bank.

Nobel laureate Prof. Muhammad Yunus at Social Business Day

Nobel laureate Prof. Muhammad Yunus delivered the keynote address at the Social Business Day symposium jointly organized on May 8 in Bangkok by the Yunus Center at AIT, Thai Health Promotion Foundation, Thai Management Association (TMA), Thai Social Enterprise Office, and AIT. Raising questions about the unfair nature of our economic systems, the 2006 Nobel laureate remarked that the Yunus Center at AIT could be a hub for everyone interested in social business.

AIT Language Center Bridging Program readies professionals for Mekong River Commission (MRC)

The AIT Language Center was host to a group of Southeast Asian students who honed their presentation skills at a special tailor-made program for the Mekong River Commission (MRC). The Commission had selected young professionals for its Junior Riparian Professional (JRP) program to study at AIT for capacity development in issues related to integrated water resource management. The batch of recruits arrived at AIT in March from Lao PDR, Myanmar, Cambodia, Vietnam and Thailand. They came to attend the Bridging Program run by the AIT Language Center. The capacity building program assists the JRP selectees in the professional skills and competencies they need to work at one of the region’s most influential international organizations.

AIT hosts Alternative University Appraisal meet

University rankings are a hot topic across the hallowed halls of academia worldwide. Rejecting traditional university rankings as too homogenous and as serving a “survival of the fittest” mentality, academics attached to the Alternative University Appraisal (AUA) project have a profoundly different model in mind. For AUA core members AIT, Yonsei University, United Nations University Institute of Advanced Studies, TERI University, United Nations University Institute for Software Technology, and Universiti Sains Malaysia, the project recognizes the vast diversity existing in higher education, and the multiple roles and varying missions of tertiary institutions within different environments across a very complex sustainable development milieu in Asia. The meeting of the 9th AUA Core Members' Meeting was hosted by AIT’s Center of Excellence on Sustainable Development in the Context of Climate Change (SDCC) and funded by Hokkaido University.

‘SU Research Poster Showcase’ highlights AIT students’ research

AIT is a research-focused institute brimming with students eager to present their latest work to the public. At the inaugural Student Union (SU) Research Poster Showcase on 29 May 2012 young AIT researchers did just that, catching the eye of the AIT Community with engaging scientific posters. In just two hours of open viewing, over 200 visitors reviewed the 20 research posters exhibited at the Korea House Building in the center of the campus. Of the twenty posters exhibited, students at the School of Engineering and Technology (SET) displayed 14, while students from the School of Environment, Resources and Development (SERD) displayed 6 posters. Each poster followed a set template created by organizers.

AIT emerges as hub for international effort to map Philippine flood from space

AIT emerged as the focal point of an international effort to produce satellite imagery and high-resolution maps to aid disaster relief operations following the floods in The Philippines. Dr. Masahiko Nagai, Associate Director of AIT’s Geoinformatics Center (GIC/AIT), spearheaded efforts to create up-to-date satellite-generated maps for scientists at the Manila Observatory and National Institute of Geological Sciences, University of the Philippines.

United Group students at AIT for two-week summer training program

Forty-four students from two institutes run by the United Group of Institutions, India, were at AIT for a two-week summer training program beginning 10 July 2012. The students, who belonged to computer science and management streams, came from the United College of Engineering and Research, Noida, and United Institute of Technology, Allahabad, both located in the Indian province of Uttar Pradesh.

APMUN - where people enter as junior delegates, and leave as diplomats

For 350 young college and university students, many of whom entered the portals of a United Nations building for the first time – it was like a dream come true. For them to act as representatives of various countries, debate and deliberate and finally vote on important motions, was a once in a lifetime experience. In the precincts of the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) in Bangkok, student representatives from 46 countries assembled to participate in the Asia-Pacific International Model United Nations (APMUN) event. AIT through its ASEAN Regional Center of Excellence on Millennium Development Goals (ARCMDG) took the lead in creating the first Asia-Pacific International Model United Nations Conference at the university level and organized the event successfully in September 2012.

Bill and Melinda Gates Foundation research grant to AIT for 'Reinventing the Toilet'

A team of scientists at AIT are set to reinvent the toilet in three developing countries in Asia. In a bid to find sustainable solutions to the current sanitation problems faced by the urban poor – not just in Thailand, but also in Cambodia and Vietnam – the researchers embarked on a five-year project made possible by a US \$5-million (150-million Baht) grant from the Bill & Melinda Gates Foundation in the United States. AIT was one of 61 grant recipients from the Gates Foundation's Water, Sanitation, & Hygiene Team in 2011. The Environmental Engineering and Management field of study at AIT's School of Environment, Resources and Development is the new project holder for the field research project on "Sustainable Decentralized Wastewater Management Systems" lasting from 2012–2017. Led by Dr. Thammarat Koottatep of AIT, the project was kicked off at a launch ceremony on 24 September 2012 in the presence of Dr. Doulaye Kone, Senior Program Officer, Bill & Melinda Gates Foundation, and other advisory panel members.

AIT hosts global Technology Needs Assessment (TNA) project meeting

To address the climate change challenge, AIT hosted the global-level Technology Needs Assessment (TNA) Project's "Experience Sharing Workshop" as the Asia-CIS Region Lead Organization. Funded by the United Nations Environment Programme (UNEP) and the Global Environment Facility (GEF), the event held on 10-12 September 2012 in Bangkok was jointly organized by the UNEP Risø Centre in collaboration with the United Nations Climate Change Secretariat. The TNA Project supports developing countries in identifying national priorities for both adaptation and mitigation, with strong focus on technology.

School of Management ranked 2nd in Thailand, 22nd in Far East Asia & 146th in the World

AIT's School of Management (SOM) was one of two business schools in Thailand to crack the global top 200 in a newly released ranking of the world's best 1000 business schools in 154 countries. In the Eduniversal Worldwide Business School Ranking 2012 announced in Paris on 24 October 2012, SOM placed 146th globally, and second in Thailand. SOM was ranked 22nd of all graduate business schools in the Far East Asia's geographical region.

A record-breaking 38 companies joined November Career Fair 2012

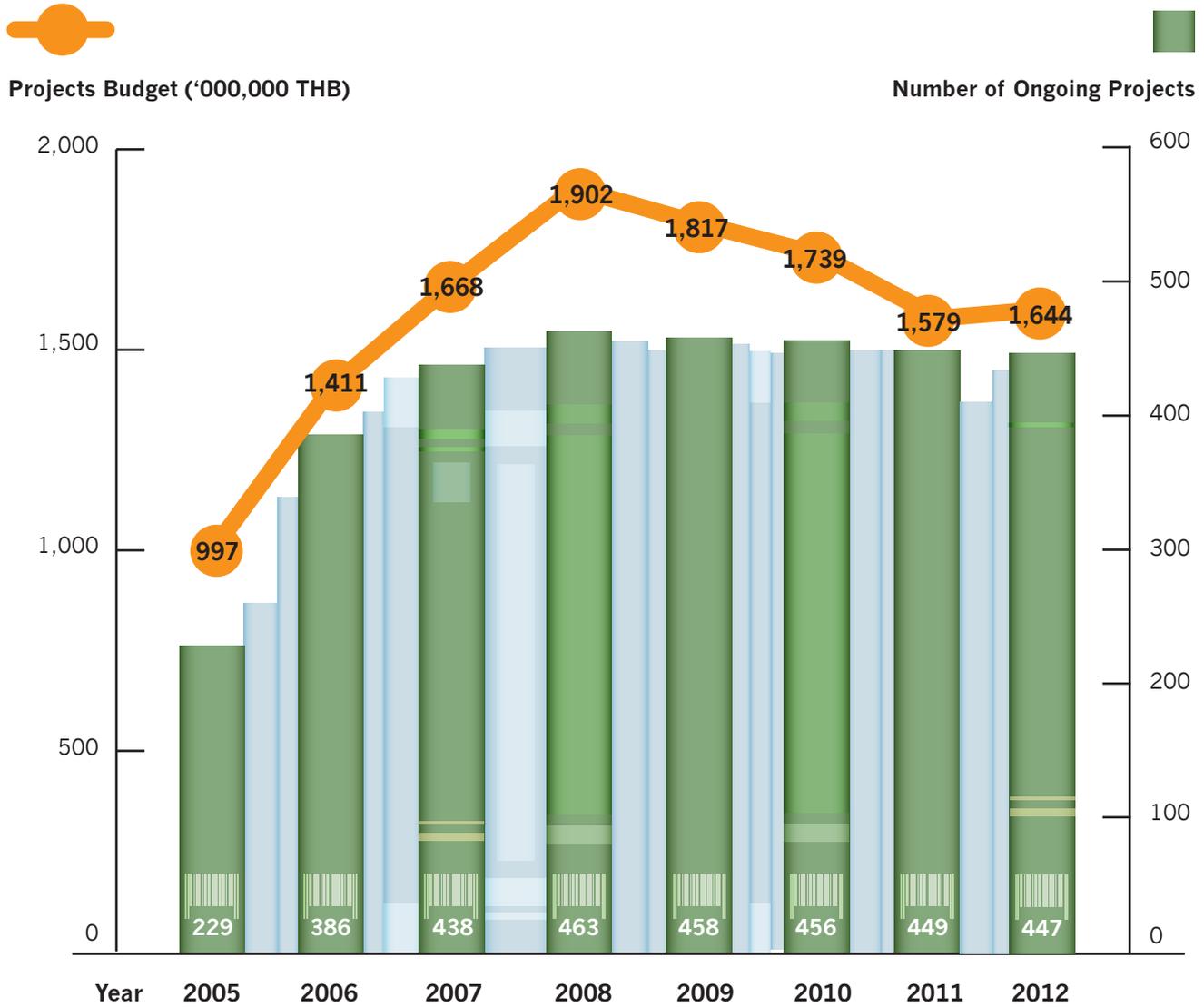
A record-breaking 38 companies participated at the AIT Career Fair on 7 November 2012. The event offered fair-goers a full range of job placement availabilities, internship opportunities, as well as information on long-term career prospects, on-the-job training, research partners, and opportunities for networking with attending company representatives. An IELTS Preparation Workshop was also held in the morning. Ten companies conducted on-the-spot interviews on the sidelines of the event. Overall, the fair was dominated by a large number of Thai firms who set-up employee recruitment booths on the ground level of the AIT Conference Center.

AIT AT A GLANCE

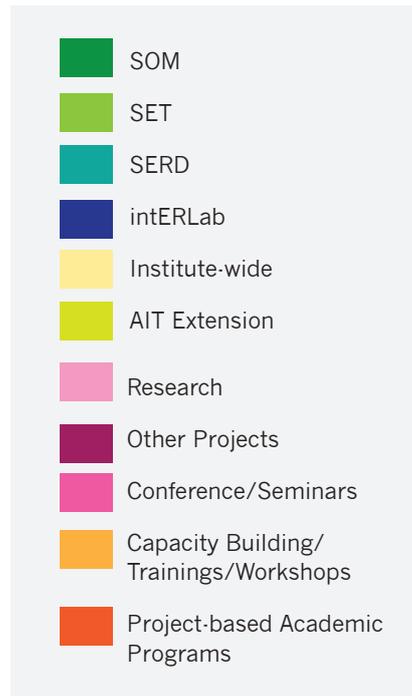
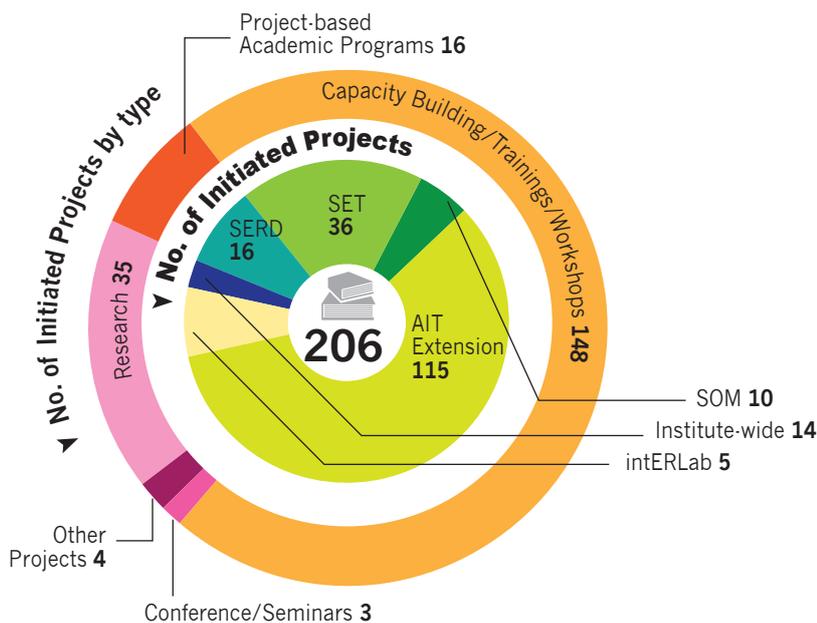
AIT PROJECTS AT A GLANCE

Ongoing Project Numbers and Budget 2005-2012

(Project Budget is identified in Millions ('000,000) Thai Baht)

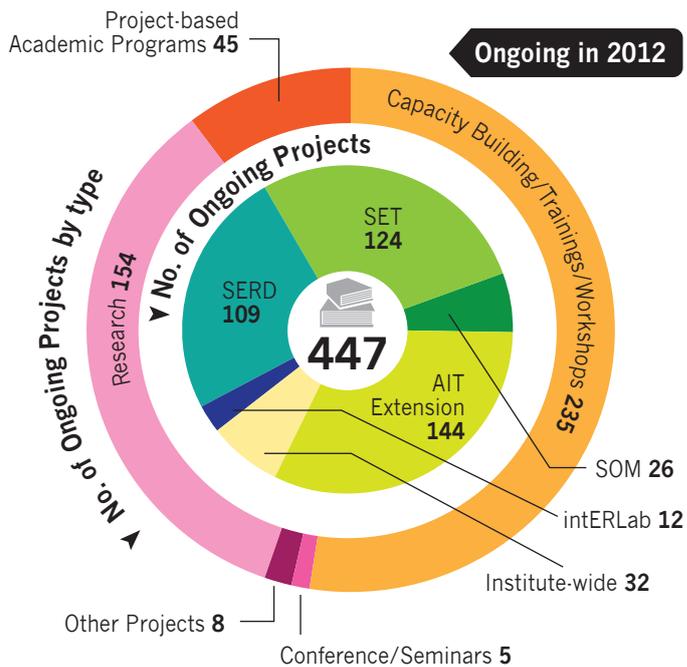


Initiated in 2012



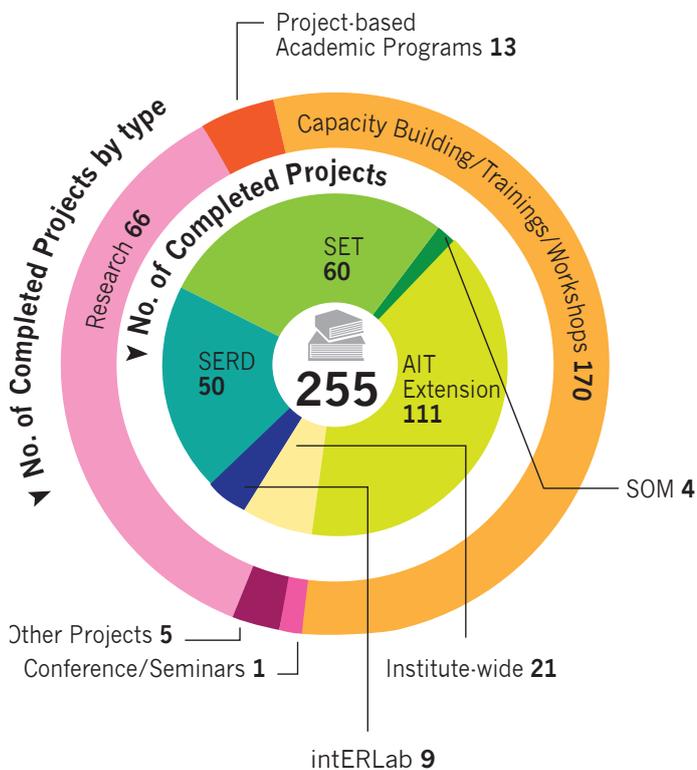
AIT Projects Initiated in 2012

Ongoing in 2012



AIT Projects Ongoing in 2012

Completed in 2012



AIT Projects Completed in 2012

Most cited in Scopus

Publication and citation information is considered one of the most widely recognizable indicators of research output and quality, and collection and analysis of this information is among means to judge alignment of the institutions research activities with its strategic priorities. Here below shows the top 10 most cited publications in Scopus lifetime. It is planned to have a year on year analysis in due course.

1. **On the acceptability of arguments and its fundamental role in nonmonotonic reasoning, logic programming and n-person games (Cited 1037 time(s))**
Dung, P.M.
2. **Developments in industrially important thermostable enzymes: A review (Cited 348 time(s))**
Haki, G.D., Rakshit, S.K.
3. **Direct solid-liquid separation using hollow fiber membrane in an activated sludge aeration tank (Cited 303 time(s))**
Yamamoto, K., Hiasa, M., Mahmood, T., Matsuo, T.
4. **An abstract, argumentation-theoretic approach to default reasoning (Cited 229 time(s))**
Bondarenko, A., Dung, P.M., Kowalski, R.A., Toni, F.
5. **Membrane separation bioreactors for wastewater treatment (Cited 201 time(s))**
Visvanathan, C., Ben Aim, R., Parameshwaran, K.
6. **On the acceptability of arguments and its fundamental role in nonmonotonic reasoning, logic programming and n-person games (Cited 173 time(s))**
Ongsakul, W., Petcharaks, N.
7. **Comparison of PSS, SVC, and STATCOM controllers for damping power system oscillations (Cited 167 time(s))**
Mithulananthan, N., Canizares, C.A., Reeve, J., Rogers, G.J.
8. **An analytical approach for DG allocation in primary distribution network (Cited 162 time(s))**
Acharya, N., Mahat, P., Mithulananthan, N.
9. **Nitrification at low levels of dissolved oxygen with and without organic loading in a suspended-growth reactor (Cited 158 time(s))**
Hanaki, K., Wantawin, C., Ohgaki, S.
10. **Emission of polycyclic aromatic hydrocarbons and particulate matter from domestic combustion of selected fuels (Cited 150 time(s))**
Oanh, N.T.K., Reutergerårdh, L.B., Dung, N.T.

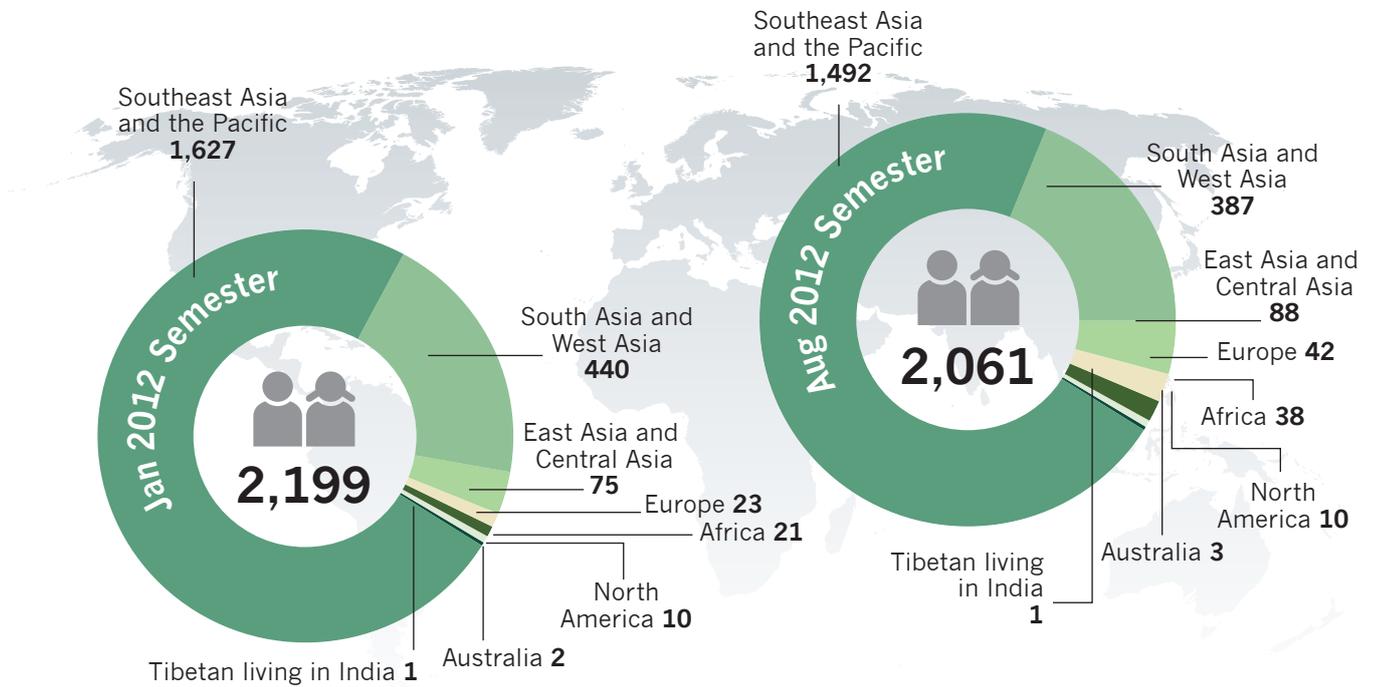
Top Researchers with the Highest Number of Projects initiated 2006 - 2012

The streamlining of Project management and corresponding incentives towards initiation of projects has helped reinforce the institutions research objectives and focus. The table below highlights the top Researchers with the Highest Number of Projects initiated 2006 - 2012.

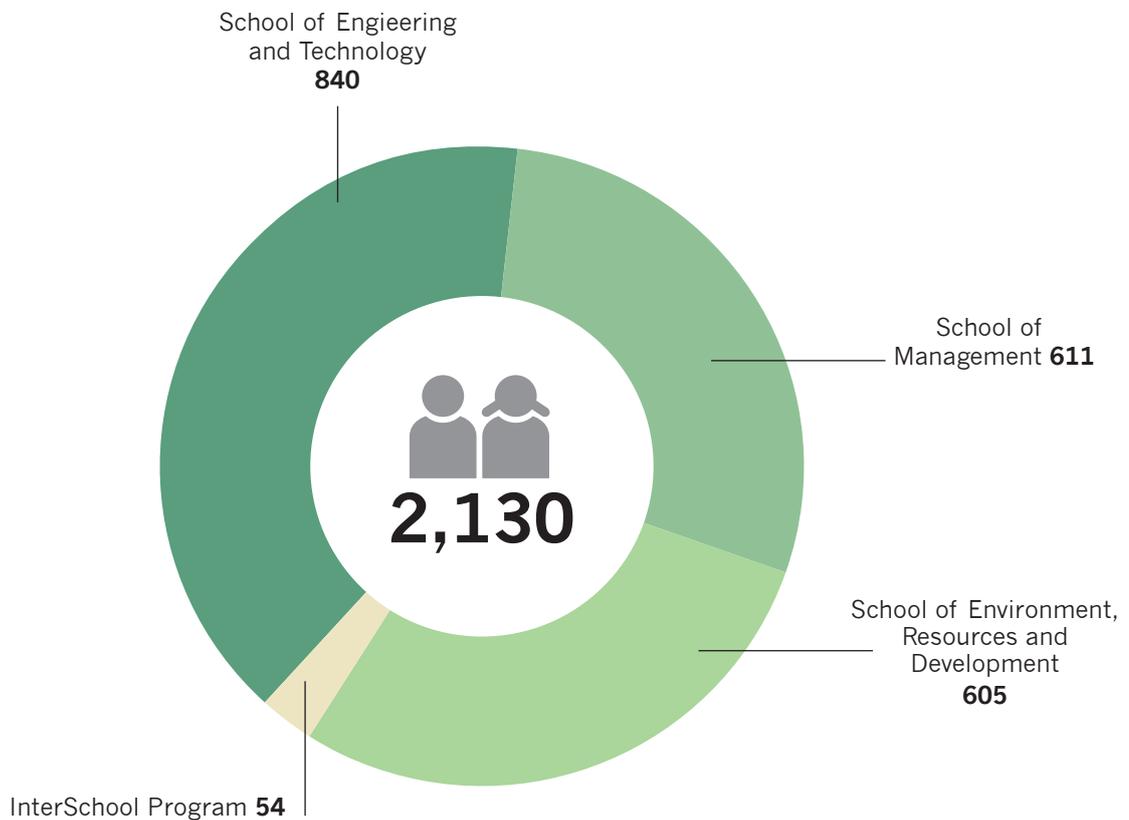
Name	No. of Projects as PI	No. of Projects as PI and Group PI
Kanchana Kanchanasut	56	58
S. Kumar	19	44
C. Visvanathan	30	34
Mukand S. Babel	27	31
Kunnawee Kanitpong	25	28
Kyoko Kusakabe	14	21

STUDENTS AT A GLANCE

Total Enrollment Trends by Region, Year 2012



Total Enrollment Trends by School, Year 2012



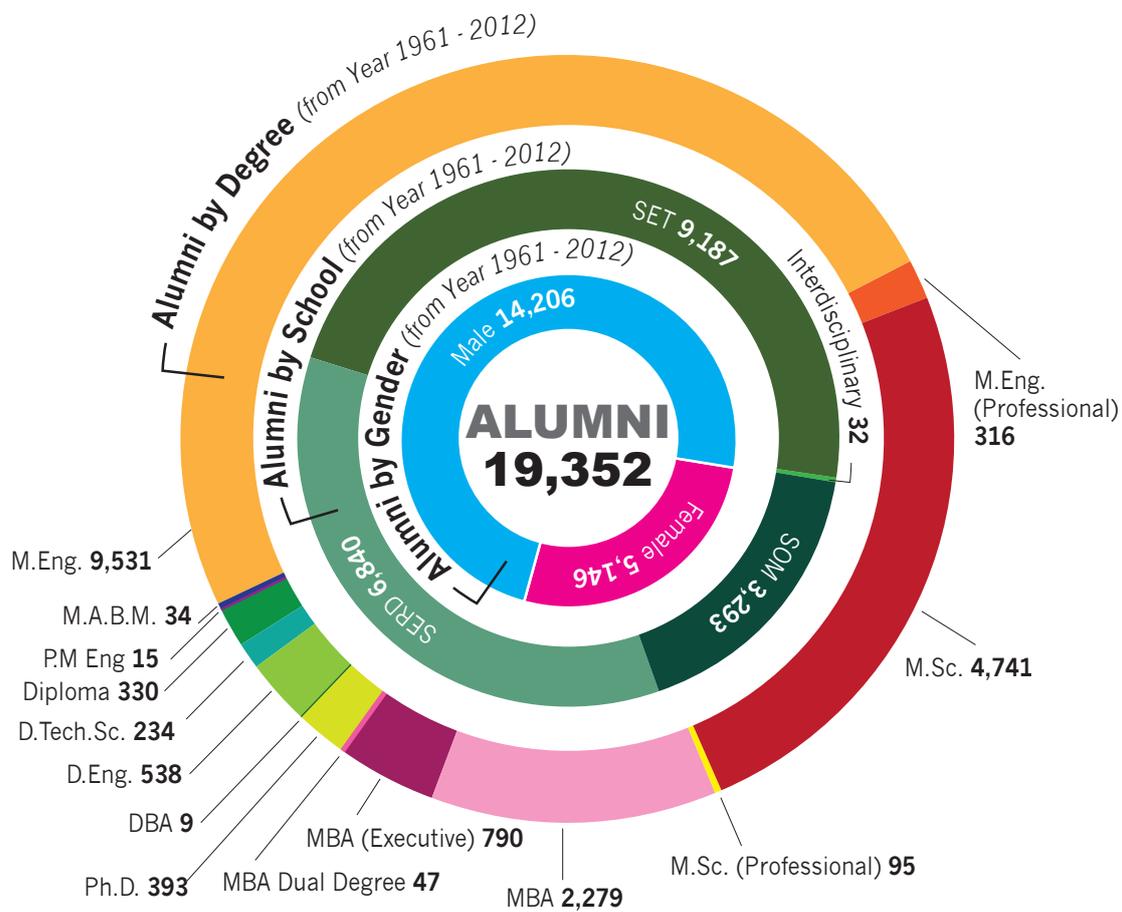
Student Research by School/Field of Study (FoS) and by Type

SCHOOL/FoS	DOCTORAL STUDENT DISSERTATION	MASTERS STUDENT RESEARCH				TOTAL MASTERS STUDENT RESEARCH
		Thesis	Research Studies	Projects	Internships	
SET	39	180	41	39	4	303
CEIM	1	15	1	28		45
CS	6	11	8			25
DME	2					2
GTE	1	18	12			31
ICT	3	6	3			12
IM	3	6	11			20
IME	3	18		11		32
ME	2	21				23
MES		6				6
MI	1	1				2
NT	3	4				7
OTM		9			4	13
RSGIS	7	18				25
STE	2	11				13
TC	2	6	2			10
TRE		10	1			11
WEM	3	20	3			26
SERD	37	163	9	2		211
AARM	3	10				13
ABM		16	1			17
ASE	3	5				8
E	5	21				26
EEM	6	28	7			41
FBT	8	22				30
GDS		16	1			17
NRM	5	17				22
PPT		10		2		12
RRDP	3	11				14
UEM	4	7				11
SOM	18		8	139		165
BA			8	3		11
BF				21		21
DBA	6					6
EMBA				115		115
IB	4					4
MOT	2					2
SM-PHD	6					6
SET & SERD		6			2	8
DPMM		4			2	6
UWEM		2				2
TOTAL	94	349	58	180	6	687

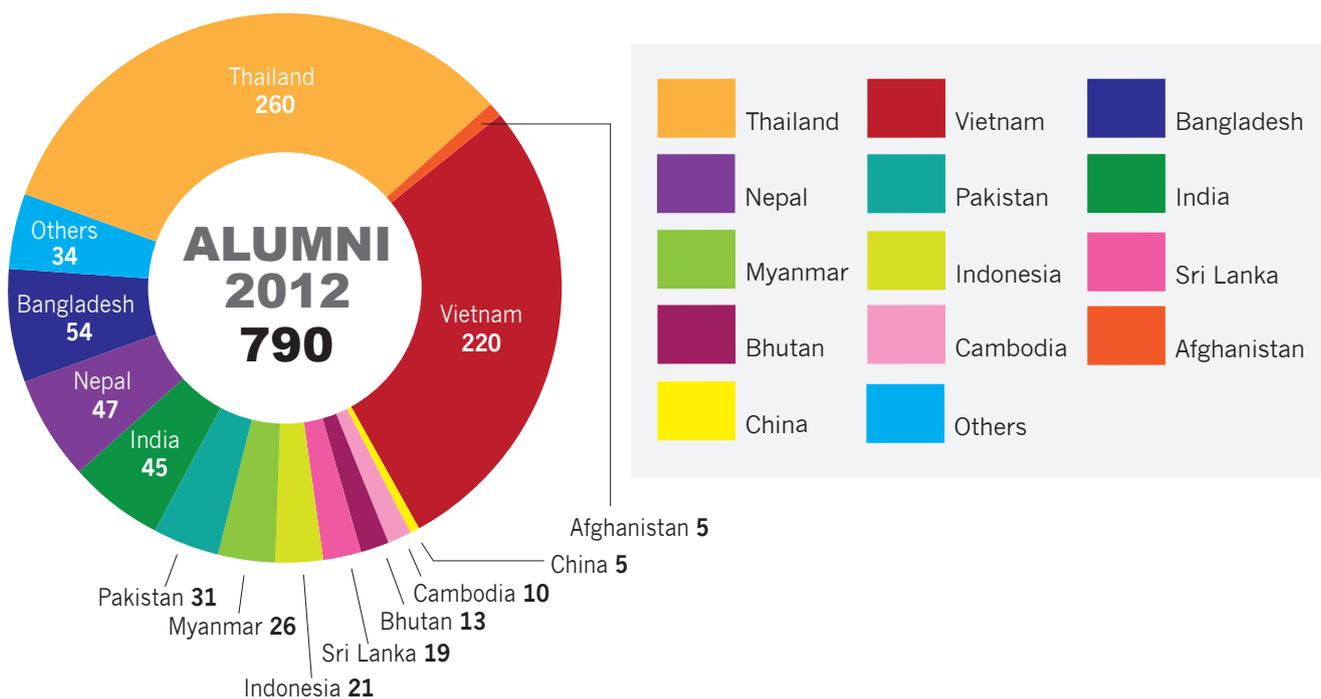
SET	School of Engineering and Technology	NT	Nanotechnology	ASE	Agricultural Systems and Engineering	UEM	Urban Environmental Management
CS	Computer Science	RSGIS	Remote Sensing and Geographic Information Systems	AARM	Aquaculture and Aquatic Resources Management	ABM	Agri-Business Management
IM	Information Management			E	Energy	DPMM	Disaster Preparedness, Mitigation and Management
CEIM	Construction, Engineering and Infrastructure Management	STE	Structural Engineering	EEM	Environmental Engineering and Management	UWEM	Urban Water Engineering & Management
DME	Design & Manufacturing	TC	Telecommunications	FEBT	Food Engineering and Bioprocess Technology	SOM	School of Management
GTE	Geotechnical and Earth Resources Engineering	TRE	Transportation Engineering	GDS	Gender and Development Studies	BA	Business Administration
IME	Industrial and Manufacturing Engineering	WEM	Water Engineering and Management	NRM	Natural Resources Management	BF	Banking & Finance
MI	Microelectronics	ICT	Information and Communications Technologies	PPT	Pulp and Paper Technology	DBA	Doctor of Business Administration
ME/MES	Mechatronics/ Microelectronics & Embedded Systems	OTM	Offshore Technology and Management	RRDP	Regional and Rural Development Planning	EMBA	Executive Business Administration
		SERD	School of Environment, Resources and Development			IB	International-Business
						MOT	Management & Technology
						SM-PHD	Doctor of Philosophy

ALUMNI AT A GLANCE

Alumni by Degree, School and Gender from year 1961 - 2012



Alumni by Country, Graduation Year 2012



Alumni Affairs Office

Highlights

- ▶ The Alumni Affairs Office (AAO) served as a focal point in collaboration with AIT Fundraising Office in receiving donations from Alumni and Friends of AIT for support to students and for Campus Cleaning and Rehabilitation work after the flood of 2011. As of December 2012, the AAO had received Baht 9,268,579.24 in support of the above activities.
- ▶ Mr. Yoshiaki Shimura, President of AITAA Japan Chapter, handed over 2,660,000 Japanese Yen and Thai Baht 10,000 donations from Japanese alumni, Japanese former faculty members and non-Japanese AIT community members residing in Japan. He handed over the support for post-flood reconstruction to Prof. Worsak Kanok-Nukulchai, Vice President for Resource Development.
- ▶ 39 alumni from Republic of Korea contributed of USD 20,118 towards the AIT Flood Emergency Fund for rehabilitation of the flood damaged AIT campus.
- ▶ AIT Alumni in Vietnam donated Thai Baht 300,000 to AIT to support its recovery and rehabilitation. The donation was handed over by Mr. Hoang Hung Manh, Senior Laboratory Supervisor at Industrial Systems Engineering Group, School of Engineering and Technology (SET), on 26 January 2012, on behalf of the AIT Alumni in Vietnam.
- ▶ Ms. Chomchai Morya, mother of Mr. Kewin Morya, a graduate from Energy Technology (1998) who is currently working in Brunei, gave a donation of Thai Baht 100,000 on behalf of her son to give to his alma mater. “I

asked my son to do something for AIT,” the proud mother recalled. The Institute needs help and it is time to take action, she stated. Mr. Kewin, who too had been thinking about AIT, expressed his gratitude to his alma mater crediting it for his successful career. “I do not want my school to be forgotten.”

- ▶ Alumni Affairs Office assisted in the visit of 1972 distinguished AIT alumnus and Hall of Fame inductee Mr. George Chen and his team from National Policy Foundation, Taiwan. The delegation was on a study tour related to a study of urban transportation development trends in Asia.
- ▶ AAO continued its efforts in connecting and communicating with more alumni from around the world by:
 - ▶ Maintaining a mailing list of alumni residing in each of the 27 AIT Alumni Association (AITAA) Chapters, key countries/territories, alumni by Schools, Fields of Study.
 - ▶ Distributing the monthly AIT Newsletter as well as updates on alumni news.
 - ▶ Maintaining its alumni website: www.alumni affairs.ait.asia.
 - ▶ Regularly updating on alumni movements around the world and on awards and professional career promotions.
 - ▶ By end of year 2012, a further 790 students graduated from 31 countries / territories to join the AIT Alumni.



From left: Dr.H.L. Tien, Dr. Masahiko Nagai, Mr.Yoshiaki Shimura, Prof.Worsak Kanok-Nukulchai and Mr. Sanjeev Jayasinghe



From left: Dr. Tien Le Hoang, Prof. Worsak Nakok-Nukulchai, Mrs. Chomchai Morya, and Mr. Kriengsak Morya.

FACULTY AT A GLANCE

2012 Faculty Figures

2012 FACULTY FIGURES				
Faculty	Faculty Headcount	Faculty Strength in FTE*	Students ¹	Student-to-Faculty (FTE) Ratio
	Annual Average			
School of Engineering and Technology				
Full-time Faculty ²	38.58	38.58	855.00	18.00
Visiting Faculty ³	4.58	2.29		
Adjunct Faculty	29.50	6.63		
Total	69.67	47.50		
School of Environment, Resources and Development				
Full-time Faculty	35.83	35.83	605.00	14.94
Visiting Faculty	3.58	1.79		
Adjunct Faculty	11.50	2.88		
Total	50.92	40.50		
School of Management				
Full-time Faculty	11.42	11.42	611.00	38.24
Visiting Faculty	1.58	0.79		
Adjunct Faculty	15.08	3.77		
Total	28.08	15.98		
Asian Institute of Technology				
Full-time Faculty	85.83	85.83		
Visiting Faculty	9.75	4.88		
Adjunct Faculty	53.08	13.27		
Total	148.67	103.98	2,071.00	19.92

* Faculty strength is expressed in full-time equivalent (FTE) using the following factors:

1.00 for full-time and regular faculty members,

0.50 for short-term Visiting Faculty; and

0.25 for Adjunct Faculty.

¹ 23 (on average) interdisciplinary students were excluded, thus the slight discrepancy with the overall number of students presented.

² Include Professors, Associate Professors, Assistant Professors, Instructors, and long-term Visiting Faculty (with ≥ 1 year appointments).

³ Short-term Visiting Faculty (with < 1 year appointments).

2012 ACTIVITIES & ACHIEVEMENTS

ACADEMIC DEVELOPMENTS

Under the management of the respective School Deans, Associate Deans, the Faculty and Staff members, despite the devastation caused by the flood, all three schools, namely the School of Environment, Resources and Development (SERD), School of Engineering and Technology (SET) and School of Management (SOM) were able to carry out all academic activities without any hindrances and obstructions.

The SERD Master's of Agribusiness Management Program was deemed the world's 16th best in the Eduniversal Best Master's ranking worldwide during 2012-2013 in Agribusiness/Food Industry Management category. This ranking was among the best 4000 Master's and MBA Programs in 30 specializations at 1000 business schools and universities in 154 countries. In the same ranking, SOM was one of the two business schools in Thailand to crack the global top 200, and was placed 146th globally, and 2nd in Thailand. SOM and Sasin were the only business schools in Thailand ranked in the Top Business School category.

On the recommendation of the Academic Senate, as per its special meeting held on 7 January 2012, the AIT management agreed to resume classes for January 2012 semester at AIT Mother Campus in Pathumthani (moving back from AIT's temporary location at Hua Hin). A break was announced for students from 21 January to 14 February 2012, following which classes at AIT Mother Campus in Pathumthani resumed from 15 February 2012.

The Academic Senate recommended awarding degrees to the students who had satisfied all the requirements of their respective degree programs, with a total of 1010 students (239 students graduated on 21 January 2012, 425 on 1 June 2012, 75 students on 6 August 2012, and 271 students on 18 December 2012).

The year 2012 witnessed the Schools concentrating on rebuilding and reconstructing of the academic and laboratory facilities. They focused on active collaborations for joint research programs, double degree programs, unified programs and exchange programs with new partner universities, organizations and companies from around the world. Furthermore, they continued to promote their programs by visiting various universities, participating in exhibitions, seminars, conference and workshops in Asia and beyond.

Several new academic programs initiated by Schools, were reviewed and, upon being endorsed by the Academic Senate, were launched in 2012 as listed below. However, one Professional Master's Program proposed to be offered by an external company using their teaching materials and faculty, was rejected by the Academic Senate.

- ▶ **Master's of Business Administration in Energy Business Management, and Professional Master's Program in Energy Business Management:** The Energy Field of Study of School of Environment, Resources and Development

The Academic Senate (AS) of the Institute is responsible for recommending to the AIT President policies for developing and conducting academic programs and policies, reviewing and establishing curricula, awarding of degrees and diplomas, evaluating faculty productivity and performance, and recommending through the President to the Board nominations for the Honorary Doctorate degree.

During the Year 2012, the Academic Senate was led by the Chairperson Prof. Kazi M. Ahmed followed by Prof. Jayant K Routray from May 2012.

During the year, the Academic Senate held three Special Meetings, in addition to regular monthly meetings.

- **7 January - Resolved resumption of classes at AIT mother campus in Pathumthani.**
- **17 October - Addressed students' concerns regarding the non-recognition of AIT Degree/Certificates awarded during the May and August 2012 Graduations, which was in connection with the legal aspects of changed governance structure from Board of Trustees to AIT Council. The President also attended the meeting and was requested to consider various suggestions made during the meeting to resolve the impasse as soon as possible.**
- **28 November - The Academic Senate passed a 'No Confidence' motion against the President, and requested him to resign from the institute.**

in collaboration with School of Management developed a curriculum for new program "MBA in Energy Business" and a one-year Professional Master's Program in Energy Business Management. These programs were launched in 2012 with 4 students enrolled in MBA, and 20 students enrolled in the Professional Master's Program.

- ▶ **Professional Master's in Urban Management:** The one-year Professional Master's in Urban Management that was endorsed by the Academic Senate in late 2010, was launched in October 2012 with 23 students enrolled in

this program. It is a joint-program between Asian Institute of Technology (AIT), AIT Center in Vietnam and Ho Chi Minh University of Architecture (HCMUARC) under which the coursework is to be completed at HCMUARC, and the special research and field trip to be completed at AIT, Thailand. The courses offered would be delivered by the AIT faculty members and HCMUARC faculty members under co-teaching mechanism.

- ▶ **Professional Master's in Aquaculture Business Management:** The Aquaculture & Aquatic Resources Management Field of Study of the School of Environment, Resources and Development in collaboration with School of Management developed a curriculum for a new one-year Professional Master's Program in Aquaculture Business Management. The program was offered at AIT Center in Vietnam and the faculty for teaching the courses was sourced from AIT, Thailand.

- ▶ **Two-phased Professional Master's in Public Policy:** The two-phased one-year Professional Master's Program in Public Policy was developed by the Natural Resources Management Field of Study of School of Environment, Resources and Development, to be offered at Myanmar Egress (ME) and AIT. The students under this program will complete first semester at Myanmar, and second semester at AIT, Thailand, followed by two months internship in Public Offices including NGOs in Bangkok.

- ▶ **Professional Master's in Project Management:** The Structural Engineering Field of Study of the School of Engineering and Technology had developed a curriculum for new Professional Master's Program in Project Management to be offered at Vietnam, which was endorsed by the Academic Senate in late 2007. This program was launched in Can Tho, Vietnam in 2012.

The Schools, SERD and SET, also restructured its academic and research programs under the three thematic areas as listed below.

School of Environment, Resources and Development	School of Engineering and Technology
<ol style="list-style-type: none"> 1. Sustainable Food Production, Technology and Management <ul style="list-style-type: none"> ➤ Agricultural Systems and Engineering ➤ Agri-Business Management ➤ Aquaculture and Aquatic Resources Management ➤ Food Engineering and Bioprocess Technology ➤ Integrated Coastal Management 2. Energy and Environment <ul style="list-style-type: none"> ➤ Energy ➤ Energy and Environment ➤ Environmental Engineering and Management ➤ Pulp and Paper Technology ➤ Urban Environmental Management 3. Society, Resources and Development <ul style="list-style-type: none"> ➤ Climate Change and Sustainable Development ➤ Gender and Development Studies ➤ Natural Resources Management ➤ Regional and Rural Development Planning 	<ol style="list-style-type: none"> 1. Civil and Infrastructure Engineering <ul style="list-style-type: none"> ➤ Construction, Engineering and Infrastructure Management ➤ Geotechnical and Earth Resources Engineering ➤ Structural Engineering ➤ Transportation Engineering ➤ Water Engineering and Management ➤ Offshore Technology and Management ➤ Geosystem Exploration and Petroleum Geoengineering 2. Industrial Systems Engineering <ul style="list-style-type: none"> ➤ Industrial and Manufacturing Engineering ➤ Mechatronics ➤ Microelectronics and Embedded Systems ➤ Nanotechnology 3. Information and Communications <ul style="list-style-type: none"> ➤ Computer Science ➤ Computer Science with Specialization in Software Engineering ➤ Information Management ➤ Remote Sensing and Geographic Information Systems ➤ Telecommunications ➤ Information and Communication Technologies

In addition, following were the Interdisciplinary Programs:

- ▶ Disaster Preparedness, Mitigation and Management (SERD and SET)
- ▶ Greater Mekong Subregion Development Studies
- ▶ MBA in Energy Business (SERD and SOM)
- ▶ Urban Water Engineering and Management (SERD and SOM)

The other academic developments based on the issues brought to the Academic Senate were:

- ▶ New Policy and Procedure Statement on Recruitment and Appointment of Direct-Hire Research Faculty.
- ▶ Revision of the nomination procedures and criteria for conferring the Honorary Doctorate Degree, making them clearer and more precise. Recommendations for three cases were submitted for administration's consideration.
- ▶ The Role of the Academic Senate Chair in the Graduation Ceremony was revisited and the adjustments in the graduation script were made accordingly.
- ▶ The administration's proposal on the Academic Senate Restructuring was discarded. Under this proposal the AS

would be constituted of 5 appointed members per school with the right to vote and rest of the faculty members to have right to participate; and the Chairperson of the Academic Senate to be appointed by the President from amongst the 15 appointed Academic Senate members. The existing constitution of the Academic Senate was retained, as it was considered effective in terms of bringing in synergy in programs and academic curriculum across the whole institute.

- ▶ Recommendation was made that no AIT Center should be allowed to run academic program independently. It can only offer them in collaboration with respective Schools depending on the nature of the program with due approval of the curriculum before launching the program, and that School is to take complete responsibility of maintaining the academic quality of the programs.
- ▶ The Vice President for Academic Affairs in consultation with the Academic Senate Chair established a committee to conduct a thorough academic review of existing programs.
- ▶ Concerns were raised regarding the proposed revisions in the P&P on 'Procedures for Evaluation of Faculty for Promotion' pertaining to School Deans and Sabbatical Leave benefit to School Deans and Vice Presidents.

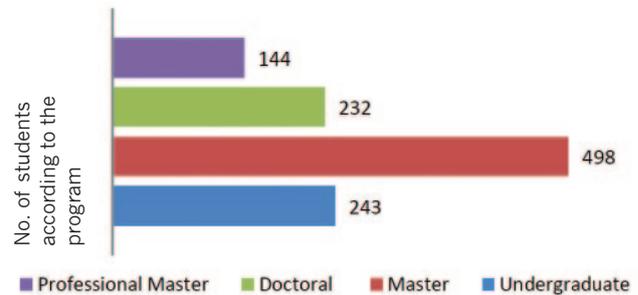
Facts through Figures:

Key Results:

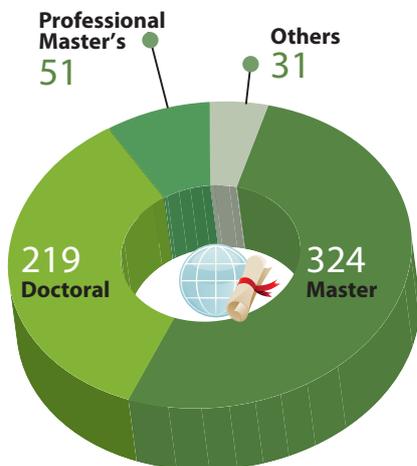
SET had 232 Doctoral Degree students, 498 Masters Degree students, 243 Undergraduate Degree students, 144 Professional Master Degree students and making a total of 1117 students in 2012. In 2012, 258 students graduated from SET.

In 2012, SET welcomed 147 students in Postgraduate Program and 115 students in Undergraduate Program.

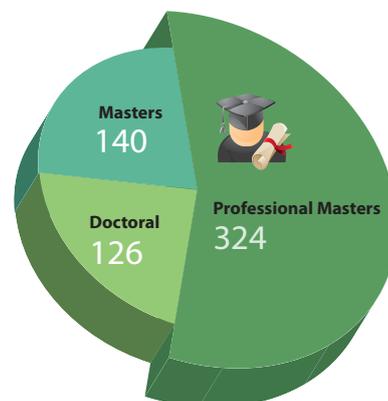
SERD had 219 Doctoral Degree students, 324 Master Degree students, 51 Professional Master Degree students and 31 Certificate, CAS and Special students, making a total of 625 students in 2012. In 2012, 288 students graduated from SERD.



School of Engineering and Technology (SET) total students in 2012

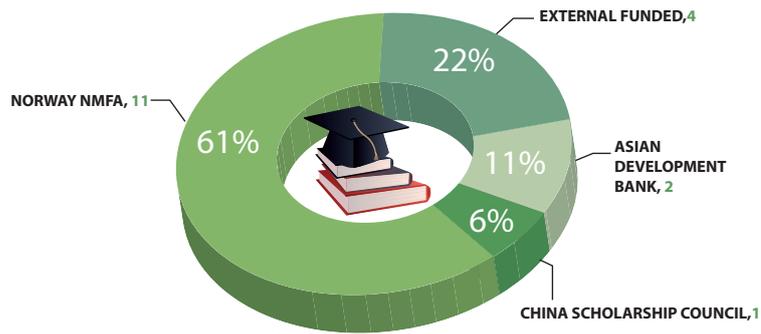


School of Environment, Resources and Development (SERD) total students in 2012

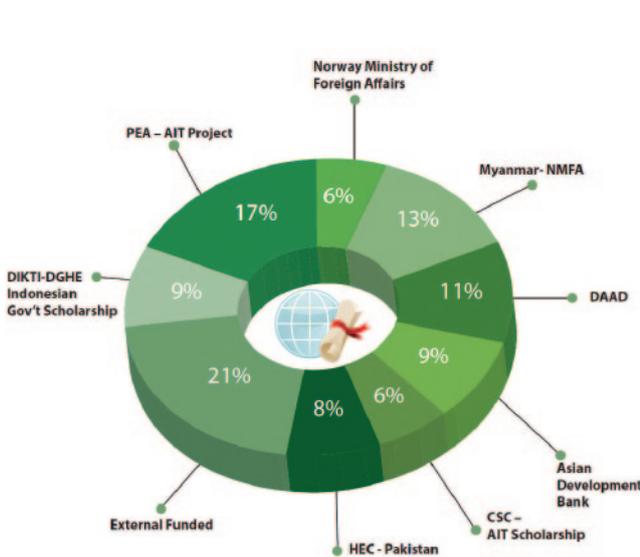


School of Management (SOM) total students in 2012

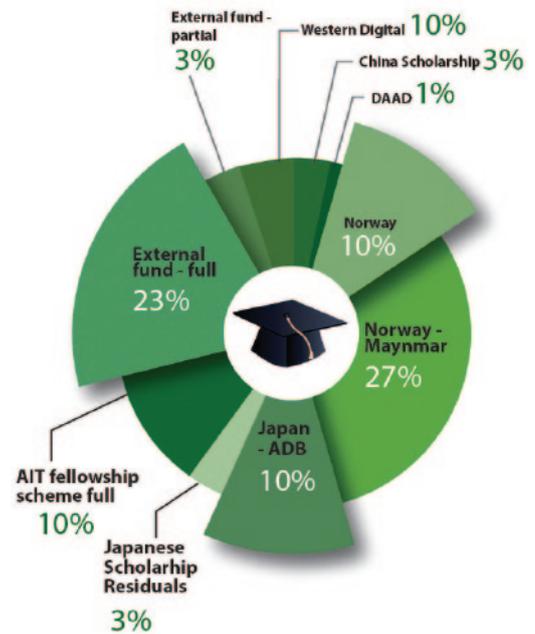
Scholarship distribution



School of Management (SOM) Scholarship distribution 2012

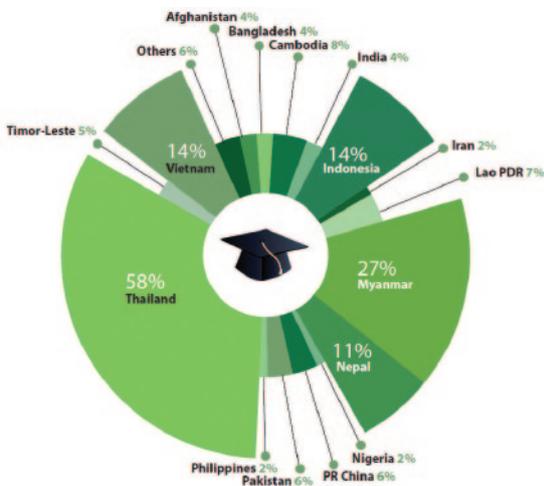


School of Environment, Resources and Development (SERD) Scholarship distribution 2012

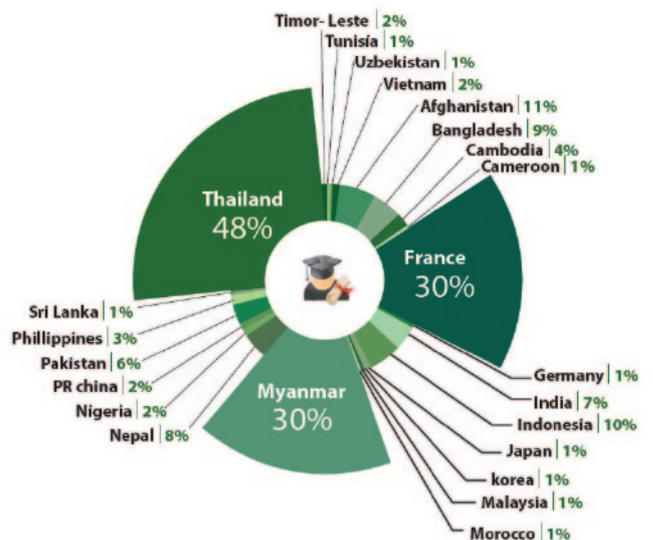


School of Engineering and Technology (SET) Scholarship distribution 2012

Country-wise distribution of enrolled students

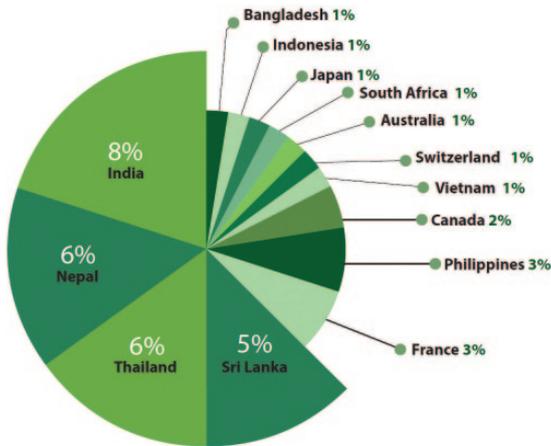


School of Environment, Resources and Development (SERD) Country-wise distribution of enrolled students in 2012

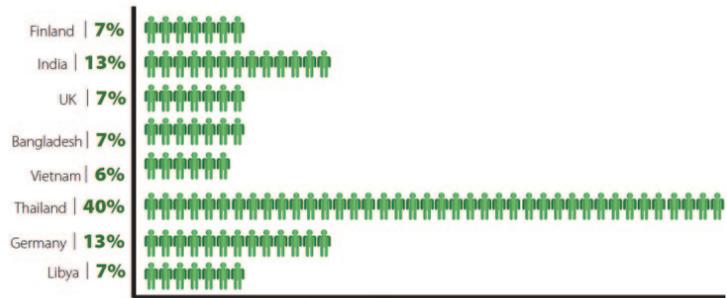


School of Engineering and Technology (SET) Country-wise distribution of enrolled students in 2012

Composition of faculty members



School of Environment, Resources and Development (SERD) composition of faculty members by number and origin



School of Management (SOM) composition of faculty members by number and origin

SET had 60 full-time, adjunct, visiting and seconded faculty members in 2012 for Postgraduate Degree Programs. SET conducted 25 sponsored research projects valued at approximately 56 million Thai baht in 2012.

AIT NON-REGULAR PROGRAMS

SCHOOL OF ENGINEERING AND TECHNOLOGY

I. PROFESSIONAL MASTER'S PROGRAMS

- 1. Professional Master's in Project Management in Construction (MPM):** The Professional Master's in Project Management in Construction (MPM) program is a one-year program (33 credits) and is offered by the SET in collaboration with AIT Center in Vietnam (AITCV). This program aims to produce superior and balanced engineers who are trained to competently manage international or major construction projects, provide effective and efficient corporate support as well as to develop a constructive project management system.
- 2. Professional Master's in Geosystem Exploration and Petroleum Geo-engineering (GEPG):** SET collaborated with the AITCV to present the Professional Master's Program in Geo-Exploration and Petroleum Geo-Engineering (GEPG) to cater to the higher education of engineers in the oil and gas industry. This program concurrently offers students the benefit of close interactions with large and international oil and gas corporations as well as government agencies and relevant organizations.
- 3. Professional Master's in Geotechnical Engineering and Management (GEM):** The GEM curriculum involves a 33-credit program that emphasizes on geo-technical issues resolution, site investigation and analysis, geo-exploration, soil characteristic examination and restoration,

foundation design, computational of geo-technicality and mitigation of geo-hazards. This program also includes advance site characterization for mega infrastructure projects, soil and rocks engineering, mitigation of geo-technical hazards related to infrastructure development and management knowledge of infrastructure projects.

- 4. Professional Master's in Telecommunications:** SET in collaboration with AITCV also offers the Professional Master's Program in Telecommunications in Vietnam which was designed specifically for telecommunication engineers. This program provides an extensive exposure in all areas of telecommunications such as management, financial, administrative, infrastructures, technology, application and integrated communication and spotlights on crisis resolution and change management.
- 5. Professional Master's in Industrial and Supply Chain Management:** The Professional Master's in Industrial and Supply Chain Management (33 credits) is delivered through the collaboration of SET with AITCV in Hanoi and Ho Chi Minh City, Vietnam. This program is designed for engineers and managers seeking higher education that provide training and expertise in the manufacturing and service industry. This curriculum emphasizes on the correlation between decision-making tools, advanced technological knowledge, competency skills, industry management as well as supply chain management.

6. Professional Master's in Software Engineering: SET also offers a one-year professional master's program in Software Engineering which was designed to fulfill the global demand for off-shore software developers. Professionals pursuing a career in the IT industry are encouraged to apply. The curriculum includes an extensive and comprehensive coverage of software engineering knowledge as well as emphasis on soft skill development. This program will also enable students to acquire hands on experience and involvement in ongoing practical projects with the respective industry's experts as mentors.

II. UNIFIED BACHELOR AND MASTER'S PROGRAMS

1. Rangsit University (RU), Thailand: AIT collaborated with RU in developing a 5-year Unified Bachelor and Master's Programs in Electrical Engineering, Computer Engineering and Civil Engineering. The Bachelor degree will be awarded by Rangsit University and Master's Degree from AIT. Students with Bachelor degree in Electrical Engineering are eligible to enroll for a graduate degree at AIT in areas of Mechatronics, Microelectronics and Embedded System, Computer Science, Information Management, Telecommunications, Remote Sensing and Geographic Information Systems and Nanotechnology. Students with Bachelor degree in Computer Science and Bachelor degree in Civil Engineering are eligible to enroll in the graduate degree at AIT in the areas of Construction, Engineering and Infrastructure Management, Geotechnical Earth Resources Engineering, Structural Engineering, Transportation Engineering, Water Engineering and Management, Remote Sensing & Geographic Information Systems and Nanotechnology.

2. Sam Higginbottom Institute of Agriculture, Technology & Sciences (SHIATS), India: The unified program is five years in duration with a Bachelor degree from SHIATS and Master's degree from AIT. Students with Bachelor degree in Electronics and Communications Engineering and Electrical and Electronic Engineering are able to enroll for graduate program at AIT in the areas of Telecommunications and Mechatronics. Students with a Bachelor degree in Civil Engineering can enroll for Graduate degree program in the areas of Construction, Infrastructure Engineering and Management and Transportation Engineering. Students with Bachelors in Mechanical/Production/Industrial Engineering can enroll for graduate program at AIT in the areas of Industrial Engineering and Management. Students with Bachelor in Water Resource Engineering can enroll for graduate program at AIT in the area of Water Engineering and Management.

3. Jawaharlal Nehru Technology University Kakinada (JNTUK), India: JNTUK, in association with AIT, offers a 5-year Integrated Bachelor-Master's Degree Program for engineering students. The students with a bachelor degree in Civil Engineering can enroll for graduate programs at AIT in the areas of Construction, Engineering and Infrastructure Management and Remote Sensing and Geographic Information Systems.

4. Jawaharlal Nehru Technology University Hyderabad (JNTUH), India: JNTUH, in association with AIT offers a

5-Year Integrated Bachelor - Master's Degree Program for engineering students. The students with bachelor degree in Civil Engineering can enroll for graduate program at AIT in the areas of Construction, Engineering and Infrastructure Management and Remote Sensings Geographic Information Systems.

5. Chiang Mai University (CU), Thailand: Chiang Mai University with AIT signed an MoA in 2010 (valid for 7 years) for Unified Bachelor – Master's Programs in Geoinformatics Engineering. This unified bachelor – master's program offers students an accelerated graduation leading to bachelor and master's degrees in a condensed duration (5 years) with international exposure to diversified expertise.

6. Taiwan Ocean University (TOU), Taiwan: Unified Bachelor – Master's Program has been offered in the fields of Water Engineering and Management, Nanotechnology, Computer Science and Telecommunications. The Unified program is spread over five-years and Bachelor degree is granted by TOU and Master's Degree by AIT. The agreement was signed in 2011 and valid for 5 years.

III. DUAL DEGREE PROGRAMS

1. Telecom SudParis, France: Dual Master's Degree. AIT and Telecom SudParis joined forces to offer a unique Euro – Asian curriculum at Master's degree level that addresses key issues in communication networks and services in both European and Asian contexts. After completion of studies, students earn Master's degree from AIT and Telecom SudParis. The students join first year at AIT under any of the following areas: Computer Science, Information Management, Information and Communication Technologies and Telecommunications. The students join second year at Telecom SudParis and take up courses such as: New Trends for Future Services, Next Generation Networks and Services, Wireless Access and Transport Technologies, Wireless Local Area and Personal Networks, Service-oriented Computing, Optimisation: Theory and Network Applications, Business Modelling for Mobile Services and Thesis/project.

2. University of Nice Sophia Antipolis, France: Double Degree Master's Program. A two-year joint program is offered by the Asian Institute of Technology and the University of Nice Sophia Antipolis (UNS) in France. For a unique experience in Europe and Asia, students study for their first year at AIT and second year at Polytech Nice Sophia. The double degree is completed after completing an internship in a company or a research study in Europe. Students will be awarded two Master's degrees: one from AIT and one from UNS. Students from the areas of Water Engineering and Management, Microelectronics and Embedded Systems, Computer Science, Information Management, Telecommunications and Information and Communication Technologies at AIT can enroll for the second year at UNS in related areas.

3. UNESCO – IHE, Netherlands: Double Degree Master's Program in UWEM. The Urban Water Engineering and Management programme is one of the few programmes worldwide that addresses the need for Master level profes-

sionals capable of delivering both water and wastewater services within the context of the urban water cycle, covering both technical and management aspects. As such, it is attractive to professionals from both the government sector and the water industry, particularly from developing and transitional countries. The Urban Water Engineering and Management programme is jointly offered by the Asian Institute of Technology (AIT) and UNESCO-IHE Institute for Water Education. The UWEM programme is a double degree programme. Students who successfully complete this programme will be awarded two Master degrees: one from UNESCO-IHE and one from AIT. The degree students receive from UNESCO-IHE is the degree in Municipal Water and Infrastructure, with a specialization in Urban Water Engineering and Management. AIT will award a degree in Urban Water Engineering and Management.

- 4. UNESCO – IHE, Netherlands:** Double Degree Master's Program in AWELWP. The Agricultural Water Management for Enhanced Land and Water Productivity programme is jointly offered by the Asian Institute of Technology (AIT) and UNESCO-IHE Institute for Water Education. The AWELWP programme is a double degree programme. Students who successfully complete this programme will be awarded two Master's degrees: one from UNESCO-IHE and one from AIT. The degree students receive from UNESCO-IHE is the MSc degree in Water Science and Engineering, with a specialization in Hydraulic Engineering - Agricultural Water Management for Enhanced Land and Water Productivity. AIT will award a degree in Water Engineering and Management. Candidates with a bachelor's degree preferably in Civil, Agricultural, or Environmental Engineering or related fields are eligible to apply. In principle, candidates should have a minimum of three years of practical or research experience in water management (irrigation, drainage) or on integrated rural development/management since graduation.

IV. MASTER'S PROGRAM IN COLLABORATION WITH INDUSTRY

- 1. Hard Disk Drive Engineering Technology (Western Digital):** The program is provided to minimum of 14 staffs with scholarships from WD to enroll in the Master's Program in the specialization of Hard Disk Drive Engineering Technology. The program implemented from 2007 and the agreement was signed for five years.

SCHOOL OF ENVIRONMENT, RESOURCES AND DEVELOPMENT

I. PROFESSIONAL MASTER'S PROGRAMS

- 1. Professional Master's in Aquaculture Business Management (PM-AqBM):** The Professional Master's in Aquaculture Business Management program is a one-year program (33 credits) and is offered by the SERD. This program has the following objectives: (1) To integrate the knowledge of aquaculture technology with the business of aquaculture; (2) To equip students with the knowledge of aquatic food markets, the supply and production chain and business efficiency; and (3) To train professionals to

use business language effectively, and to lead aqua business negotiations successfully. The courses are offered in two semesters, followed by a research project and an international field trip (optional). Students are required to complete a total of 34 credits to receive the Professional Master's degree.

2. Professional Master's in Energy Business Management (PM-EBM):

The professional Master's program in Energy Business Management is designed to produce highly trained specialized professionals who are capable of efficiently managing the energy companies. The main focus of the academic program is to give students in-depth exposure to modern management approaches and skills needed to face the challenge of managing the changing energy business paradigms and energy markets. The program is conducted in SERD and it comprises of 27 credits coursework and a project of 6 credits. On successful completion of the program, the participants will be able to demonstrate efficient management techniques and apply appropriate ethical standards in using renewable and clean energy sources for a greener environment.

3. Professional Master's in Environmental Engineering And Management (PM-EEM):

SERD in collaboration with the AIT Center in Vietnam (AITCV) conducts this one year professional master's program. PM-EEM aims to provide middle and senior level managers and policy makers with advanced knowledge and skills in environmental engineering and management. The study program takes one year and consists of three semesters. In the first two semesters, students will take basic and advanced courses selected from the regular courses offered at AIT, in consultation with an academic/thesis advisor. During the third semester, students will carry out their project study. Students will take an international field trip-cum-study visit to large companies outside Vietnam.

4. Professional Master's in Urban Management (PM-UM):

Professional Master's in Urban Management (PM-UM) Program is collaboration between Asian Institute of Technology (AIT) - through AIT Center in Vietnam (AITCV) and Urban Environmental Management Field of Study (UEM-FoS) - and Post Graduate Department of Ho Chi Minh City University of Architecture (HCMUARC). The PM-UM Program aims to promote sustainable development by drawing on and integrating theories and perspectives from the disciplines of urban planning; urban and regional development; economic development; and public policy and management into a distinctive framework of problems issues and questions concerning the urban environment in a developing country/city context. Especially, as urban management in Vietnam is challenging with several critical issues in the current context of rapid urbanization and industrialization, this program will be very useful to produce more professional urban managers. During a period of 12 months the program is divided into 24 credits course work in HCMUARC, 6 credits project work at AIT and 3 credits special topic with field work report. Students are requested to stay in AIT at least two months to complete the last 9 credits.

5. Professional Master's in Water Technology

Management (PM-WTM): Professional Master's Degree in Water Technology and Management (PM-WTM) is jointly developed by Environmental Engineering and Management FOS, and Metropolitan Waterworks Authority (MWA), Bangkok, as a response to industry's need for development of technical water production professionals who could work in the regional and international water business sector. PM-WTM aims to provide middle and senior level managers and policy makers with an advanced knowledge and skills in water technology and management. The program is completed within 12 months. In the first two semesters, students will take basic and advanced courses selected out of the regular courses offered at AIT in consultation with an academic/thesis advisor. During the third semester, students will be expected to carry out their project study. A specialty of this program is the hand-on experiences to be delivered by senior officers of Metropolitan Waterworks Authority of Thailand where its facilities of about 3.5 million m³/day could be produced for Bangkok people. Students will conduct an international field trip - study visit to large companies in neighboring countries such as Singapore, Malaysia, China, Taiwan, or South Korea.

II. UNIFIED BACHELOR'S PROGRAM

1. Four-Year Collaborative International Bachelor's Degree between SAIMT (Sri Lanka) and AIT/SERD.

Unified International Bachelor's Program in Biosystems Engineering and Environmental Engineering between SAIMT and SERD is an integrated program of four years duration. The South Asian Institute of Technology and Medicine (SAITM) offers academic programs for the first two years and the next two years are continued in AIT. Students joining these programs are allowed to take thesis option. The final thesis examination will be held at AIT. The total credit required for this course is 140 credits, which is equally covered by AIT and SAIMT. This program has two semesters per year with a minimum of 15 credits work load per semester.

III. UNIFIED BACHELOR'S AND MASTER'S PROGRAMS

1. Rangsit University (RU), Thailand: AIT and RU developed 5-year Unified Bachelor and Master's Programs in Energy and Environmental Engineering and Management. The Bachelor Degree is obtained from RU and Master's Degree from AIT.

2. Sam Higginbottom Institute of Agriculture, Technology and Sciences (SHIATS), India: The integrated program is of five years duration with Bachelor degree from SHIATS and Master's Degree from AIT. Students with Bachelor degree in Agricultural Engineering and Food Technology or Dairy Technology are able to enroll for graduate program at AIT/SERD in the areas of Agricultural Systems & Engineering (ASE), Agri-business Management (ABM) and Food Engineering and Bioprocess Technology (FEBT). The bachelor degree is awarded by SHIATS and master's degree is awarded by AIT.

IV. TWO STAGE MASTER'S PROGRAM

1. MBA in Energy Business and Energy and Environment:

SERD has initiated two programs with Nepal Education Foundation – Consortium of Colleges, Nepal (NEF-CCN) for two-year collaborative International master's programs in MBA in Energy Business and Energy and Environment. Students in this collaborative master's program have to complete 24 credits of coursework in Nepal and 24 credits of coursework/research in AIT, Thailand. The total duration of the study program are 22 or 24 months depending upon intake month August or January, respectively. The final exam for these courses is to be held in AIT.

V. DOUBLE DEGREE PROGRAMS

1. Urban Water Engineering and Management (UWEM) with UNESCO IHE – Institute of Water Education, Netherlands:

The Urban Water Engineering and Management programme is one of the few Programmes worldwide that addresses the need for Master level professionals capable of delivering both water and wastewater services within the context of the urban water cycle, covering both technical and management aspects. As such, it is attractive to professionals from both the government sector and the water industry, particularly from developing and transitional countries. The Urban Water Engineering and Management programme is jointly offered by the Asian Institute of Technology (AIT) and UNESCO-IHE Institute for Water Education. The UWEM programme is a double degree programme. Students who successfully complete this programme will be awarded two Master degrees: one from UNESCO-IHE and one from AIT. The degree students receive from UNESCO-IHE is the degree in Municipal Water and Infrastructure, with a specialization in Urban Water Engineering and Management. AIT will award a degree in Urban Water Engineering and Management.

2. Environmental Technology for Sustainable Development (ETSuD) with UNESCO – IHE in Delft, Netherlands:

The Environmental Engineering and Management in collaboration with UNESCO-IHE Institute for Water Education offer a double degree master's programme in Environmental Technology for Sustainable Development (ETSuD). The ETSuD programme offers students the possibility to study at two renowned institutes for international postgraduate education: AIT and UNESCO-IHE. The coursework part of the programme starts at AIT in Bangkok in August, where students follow a number of courses until the second half of December. In early January, they move to Delft where they join students in UNESCO-IHE's Environmental Science programme for six modules and group work. Students then move back to Bangkok for their individual thesis research work with involvement of UNESCO-IHE counterparts. Students who successfully complete the ETSuD programme will be awarded two Master's degrees: one from UNESCO-IHE and one from AIT. The degree students receive from UNESCO-IHE is the degree in Environmental Science with specialization in Environmental Technology and Management. AIT will award a degree in Environmental Engineering and Management with specialization in Environmental Technology and Management.

VI. CERTIFICATE PROGRAM

- 1. Integrated Coastal Management (with International Union for Conservation of Nature IUCN-MFF):** This is a short one-semester 9-credit certificate course conducted in collaboration with Mangroves for the Future (MFF) initiative of International Union for Conservation of Nature (IUCN) Large Marine Ecosystem (BOBLME) project and Aquaculture and Aquatic Resources Management (AARM) program in the School of Environment, Resources and Development. The clients for this program are mid-career professionals from MFF and BOBLME countries.

SCHOOL OF MANAGEMENT

I. PROFESSIONAL MASTER'S PROGRAMS

- 1. Professional Master's in Corporate Social Responsibility (PMCSR):** The Professional Master's in Corporate Social Responsibility (CSR) program is a one-year program (33 credits) and is offered by the SOM in collaboration with CSR Asia. This program aims to build capacity for CSR in Asia will bring together the specialized professional expertise of the leading provider of information, training, research and consultancy services on CSR and sustainable business practices in the region with the experience of a leading international postgraduate institution dedicated to sustainable development.
- 2. Professional Master's in Banking & Finance (PMBF):** AIT Extension in collaboration with SOM offers Professional Master's Program in Banking & Finance (PMBF) to develop knowledge and skills for being professional bankers in Asia. This is a one-year program with 33 required credits.
- 3. Professional Master's in Technology Management (PMTM):** The Technology Management curriculum requires 33 credits that emphasizes on developing managerial competencies of mid to senior level managers or officers who have experience on management of technology.
- 4. Professional Master's in Energy Business Management (EBM):** In collaboration with SERD, SOM offers the Professional Master's Program in Energy Business Management (EBM) for energy field professionals. This program provides an extensive exposure to modern management approached and skills needed to face the challenge of managing the changing energy business paradigms and energy markets.

II. MASTER'S/EXECUTIVE PROGRAMS

- 1. MBA in Energy Business.** This is a full-time Master's program in Business Administration specializing in Energy Business offered by SOM in collaboration with SERD. The objective of this Master's is to train professionals to serve in national and international institutions, research planning and development departments of energy ministries, energy utilities, energy companies, industries, energy conservation agencies and consulting firms, and educational and research institutions. This helps to retain the environmental perspective of energy and also manage the proper utilization of the energy products.

- 2. IEMBA – Vietnam:** To meet the growing demand for international training of experienced executive managers in International Business and Management of Technology, The International Executive MBA Program was launched in August 2000 in AITCV. The IEMBA program is a 48 credit English program and can be completed in 16 months. Actual in-class coursework will take 14-15 weeks including 4 weeks at AIT in Bangkok. The program requires a period of 6 weeks residency at AIT (Bangkok) divided into 3 trips. The participants will take some courses during the first two trips to Bangkok.

III. DUAL DEGREE PROGRAMS

SOM offers Dual Degree MBA programs collaborating with partner universities in Europe. In Dual Degree MBA program students finish either 2 or 3 semesters in AIT and finish 2 semesters in partner University (a. ESCP, France; b. SKEMA, France; c. HHL, Germany; d. EBS, Germany) to get Dual Degree.

IV. TWO STAGE MBA PROGRAM

- 1. SOM, in collaboration with AITM-Nepal offers two stage Master's program in Business Administration:** Students who join this program in Nepal finish the first year of the Master's in the partner center and join second year in AIT, Thailand. The MBA curriculum is a comprehensive program designed to provide conceptual, analytical and personal skills to help prepare participants to be effective managers in an international business environment. It is interdisciplinary, combining elements from engineering, economics, social psychology and management fields.

AIT EXTENSION

I. PROFESSIONAL MASTER'S PROGRAMS

- 1. Professional Master's in Banking and Finance:** This program is in partnership with SOM and AIT Extension. This is an intensive full-time program with all courses taught as modules which is 11 months long and requires 33 credits (27 credit courses plus research study, or 33 credits courses only). There were three batches to date. The major clients are Bangladesh Bank, Bank of Bhutan, with ongoing marketing in emerging Asian economies.
- 2. Professional Master's in Corporate Social Responsibility:** This program is in partnership with SOM and AIT Extension/CSRACA with CSR Asia, Co. Ltd. (Hong Kong) as external partner. This program is offered in Intensive modules taught over extended weekends. Students can register for single courses, and transfer up to 6 credits to Master's if they register 33 credits (eight courses, a special study, a 6 credit project). Clients are self-funding or employer supported.

RESEARCH

School of Engineering and Technology

Habitech Center

Development of Advanced version of Interlocking brick

Interlocking soil cement brick has been one of the major components of Habitech building technology. Habitech Center has been continuously engaged with the betterment of its components. As a result advanced version of soil-cement interlocking brick is developed. In comparison with previous version, new bricks are smaller in size, light in weight, with better insulation properties and could be used for load-bearing as well as non-loadbearing walls.

For the production of newer version of interlocking bricks, a new Manual Brick press was developed with modifications. A new manual brick press can produce 2 bricks at a time in comparison with old one, which produces only one brick at a time.

Projects

Habitech has been continuously involved with technology dissemination activities with various individuals and organizations. As a result of technology transfer, many construction projects were carried out using interlocking brick technology. Some of the photos of the residential buildings constructed in the year 2012 are shown below:



Location: in Palpa District, Nepal



Location: Thimpu, Bhutan

Besides Nepal and Bhutan, Habitech has been working with various partners in different countries as follows:

Collaborations and Events:

Nigeria – A Memorandum of Understanding was signed between AIT and Elim Projects Systems Limited for promotion and dissemination of Habitech Building Technology in Nigeria and other African countries. Due to this agreement, Habitech expects new projects in near future. Project Status – on going.

Oman – Petroleum Development Oman

Habitech Center together with AIT Consulting and Water Research Center, Sultan Qaboos University has been working on the possibility of using saline water for the production of interlocking bricks.

Seminar: A seminar on Introduction of Habitech Building Technology was given to the government officials of Department of Building, Housing and Urban Development of Nepal. The seminar was also attended by officials from UN Habitat Nepal and private entrepreneurs.

Thailand Accident Research Center (TARC)

Main Task: Road Accident Investigation

TARC, being the center of excellence in road safety in the Asia-Pacific region has been conducting a scientific approach towards road accident investigation and reconstruction. TARC was involved in accident investigations by inspecting accident sites, gathering evidence and also determining the causes of accidents and to answer how and why the accident occurred. The report issued for each accident included the general information of the crash, pre-crash speed by crash de-formation and the contributing factors and injury level. To disseminate the accident in-depth-information to the public and stakeholder organizations, the reports are made available in TARC website.

Project Activities: Motorcycle Accident Research

With the cooperation of Yamaha Corp., TARC initiated an in-depth research on motorcycle accident in Thailand. The project included a detailed analysis of both Macroscopic and Microscopic motorcycle accident data and simulation of motorcycle accident patterns. The first stage of the project began with compiling of motorcycle accident data from many existing reliable sources. Accident databases, which included motorcycle related accidents or casualties from motorcycle accidents, were from four different sources: the Royal Thai Police; the Ministry of Public Health; Insurance Companies, and the Department of Highways.

Campaign: Motorcycle Helmet Promotion

In order to promote motorcycle helmet usage in Thailand, TARC was involved in the road safety network campaign that was held in the center of Bangkok. With the participation of local schools in the area, the campaign successfully attracted many agencies including notable media to publicize motorcycle helmet usage issue.

Media

To promote road safety knowledge among the public, TARC has been participating in several programs organized by the national media of Thailand.



School of Environment, Resources and Development (SERD)

1) Faculty Sponsored Research:

Duration	Total Budget (Baht)	Overhead (Baht)	Faculty Time (Baht)	
			RC	Hon.+ PDF
January – December 2012 13 projects	35,570,061.52	2,460,344.07	2,930,246.59	4,663,578.98

A total of thirteen research sponsored projects were initiated in January-December 2012 with a total budget of approximately Baht 35.57 million. (Overhead of more than Baht 2.4 million.)

1) Student Research:

A total of 195 researches were completed in SERD in the year 2012 including Master's theses, Doctoral dissertations and other research projects.

Doctoral student Ms. Rizwana Subhani, received a grant from the Intergovernmental Panel on Climate Change (IPCC) for pursuing her research. This award followed an open call by IPCC, which received nearly 5000 applications, out of which 1027 were shortlisted. She was one of the nine recipients for the term 2011-2012, who were awarded the scholarship for pursuing research.

A paper authored by Mr. Ghafar Ali, doctoral student of UEM, was selected among the top five journal review articles of the

year 2011 by the journal 'Renewable and Sustainable Energy Reviews'. The paper was coauthored by Dr. Vilas Nitivattanon, Associate Professor, SERD.

Two papers by doctoral students of Professor Nguyen Thi Kim Oanh from the Environmental Engineering and Management (EEM), namely Mr. Nguyen Duy Binh and Mr. Didin Agustian Permadi were submitted to the Air & Waste Management Association (AWMA) and were awarded 1500 USD each to attend the AWMA meeting in June 2012 in Texas, USA.

Ethiopian doctoral student Mr. Zelealem Tesfay Gebretsadik's dissertation topic "Mutton Quality of Northern Ethiopian Sheep Breeds as Affected by Genotype and Environment" was awarded a fellowship by the Robert S. McNamara Fellowships Program (RSM), funded by The World Bank. Mr. Gebretsadik's Advisor was Dr. Anil Kumar Anal, faculty in the Food Engineering and Bioprocess Technology field of study. The period of the fellowship was from January to October 2012 with a total budget of US\$16,150.

School of Management

Faculty Sponsored Research:

Duration	Total Budget (Baht)	Overhead (Baht)	Faculty Time (Baht)	
			RC	Hon.+ PDF
January – December 2012 8 projects	59,575,644.55	9,908,264.59	2,858,792.78	5,757,819.96

A Total of 8 research sponsored projects were initiated in January-December 2012 with a total budget of approximately Baht 59.6 million. (Overhead of more than Baht 9.9 million.)

SPONSORED RESEARCH PROJECTS

1. The 4th Public Management Executive Development Program, which was coordinated by SOM Faculty member Dr. Sununta Siengthai, was conducted from 1 July 2011 to 31 May 2012. The objective of this training program was to develop the appropriate level of competencies and knowledge base of the high-level officials in public management of the Ministry of Interior of Thailand sponsored by The Prince Damrong Rajanuphab Institute of Research and Development (DRIRD) of the Ministry of Interior (Thailand). It was designed to enhance their effective performance with a focus on aspects such as effective leadership and ability to provide advice and consultancies with respect to their work and emerging problem issues within their scope of job responsibility.

2. The ProSPER.Net project "Biodiversity and Climate Change-Business Sustainability Education for Asia" which was spear-

headed by SOM Faculty member, Dr. Barbara Igel, Associate Professor of SOM, was funded by United Nations University Institute of Advanced Studies (UNU-IAS) in 2012/13. The objective of this project is to develop teaching materials on biodiversity and climate change relevant to management and business education curricula to serve institutional, course and tutor requirements; to organize a training, knowledge exchange and resource sharing workshop (Training for Teachers' workshop) on the usage of these teaching materials and to support them to be integrated into teaching curricula so that it will help managers and business leaders to make informed and appropriate decisions on biodiversity and climate change situations.

3. A Study of the Career Path and Professional Standards of ICT Manpower by Ministry of Information and Communications Technologies (ICT) which was coordinated by SOM Faculty member Dr. Sununta Siengthai, conducted in 2012/13. The study will focus on identifying the career path of ICT professionals and their profession standards of this sector.

Internet Education and Research Laboratory (intERLab)

The beginning of 2012 marked a difficult post-flood recovery period for each and every AIT unit. The Internet Education and Research Laboratory (intERLab) supervised a challenging task of restoring communication networks throughout the AIT mother campus. All flooded copper phone lines and ground-floor ethernet cables were rusted and totally damaged. Fiberoptic lines had to be inspected and repaired by service contractors. With a guidance from intERLab's partners, especially the Network Startup Resource Center (NSRC) from the University of Oregon, intERLab had a unique opportunity to redesign and reconstruct the AIT's campus communication networks with newer and more cost-effective networking technologies such as campus Voice over IP (VoIP) and high-speed dual-frequency campus Wi-Fi networks. IntERLab's efforts on campus network recovery partly allowed AIT students to resume near-normal academic activities soon afterward.

By mid 2012, IntERLab's research activities had mostly resumed. IntERLab received research funding from three major sources: I) the CISCO University Grant, through the Silicon Valley Community Foundation, II) the National Electronic and Computer Technology Center (NECTEC), and III) The National Science and Technology Development Agency (NSTDA). The CISCO University Grant allowed it to pursue a research in Network Coding for Disaster Emergency Communication. This research was a highly valuable extension to intERLab's ongoing Digital Ubiquitous Mobile Broadband OLSR (DUMBO) Network project. The NECTEC Grant enabled IntERLab to realize a prototype of small robotic rover agents equipped with mobile routers that can help create Robotic Ad hoc Network (RANET). The NSTDA Grant allowed intERLab to explore the concept of information services among connected vehicles in Vehicular Ad hoc Networks (VANET).

From June to September 2012, IntERLab engaged in a tele-educational program with the Bureau of Community College Administration, and the Silpakorn University, Thailand. The joint program covered a 15-lecture for-credit course: "English for Communication." Students from different Commu-

nity Colleges could take the course and participate in five (5) classrooms geographically located in four (4) different provinces: Tak (Mae-Sot), Mae Hong Son, Pattani, Narathiwat. IntERLab's VClass clients were installed and operated in each of the classrooms, allowing interactive course activities among the instructor and the students. IntERLab's VClass platform supports real-time two-way interactive communications which include video-streaming lecture, Q & A, and whiteboard sessions. IntERLab's VClass also promotes conversations among the instructors and students. Students using intERLab's VClass system can also view past recorded lectures, reinforcing their learning process.

IntERLab provided training programs to enhance the skills of network engineers. Over the last five years, intERLab has been working alongside Asia Pacific Network Information Centre (APNIC), Network Startup Resource Center (NSRC) and Trans-Eurasia Information Network (TEIN3) in conducting training programs for network engineers of Internet service providers (ISPs) and TEIN3 beneficiary countries. In 2012, IntERLab conducted a total of 9 trainings with a total of 220 participants from 14 Asian countries. IntERLab concentrated on integrating the new members' network teams with those belonging to TEIN3 with 5 major activities such as TEIN3 Annual NOC Workshop, Training workshops in the region, Application Workshops to promote applications on TEIN3, Internship and Tele-Education for TEIN HRD.

Further, IntERLab successfully organized the ACM SIGCOMM incorporated 8th Asian Internet Engineering Conference (AINTEC) in November 2012. The conference provided an international technical forum for researchers from academia and industry, especially aiming at addressing issues pertinent to the Asia and Pacific region with vast diversities of socio-economic and networking conditions while inviting high quality and recent research results from the global Internet research community. AINTEC 2012 follows the seven successful editions held in Thailand. AINTEC 2012 solicited high quality papers that improve digital communications in diverse situations, represented as "Challenged Networks".

Center of Excellence on Sustainable Development in the Context of Climate Change (SDCC)

Background

Sustainable development has been part of AIT's continuous education and research efforts over the last five decades in the Asian region. The Institute has responded rapidly to the new challenges the region faces. Climate change is a global challenge and concerted trans-disciplinary efforts are required to develop new adaptation and mitigation strategies which will provide local communities more resilience while leading towards a more sustainable society. Based on the strength of AIT's research and experience, the Center of Excellence on Sustainable Development in the Context of Climate Change (SDCC) was established on 24 September 2009 to support AIT's mission in playing leading role in the sustainable development of Asian region through creation of a niche that will harness the institute's range of network, experience and

expertise. The Center consolidates the Institute's research efforts and broaden the networks and partnerships by providing a platform to discuss and launch shared initiatives and pool resources to effectively address issues and challenges in sustainable development and climate change. *Web link: www.sdcc.ait.asia*

Since its inception, the SDCC has been playing its role in supporting AIT's role as an institute working in climate change platform in the region through maximizing the institute's research resources as well as its broad network. The five thematic research areas under SDCC are:

1. *Disaster Risk Management (DRM) (Thematic leader: Dr. Manzul Hazarika)*

Specific Objective: To increase the capacities of Asian countries in conducting disaster risk assessments and management.

2. *Sustainable Land and Water Resources Management (SLWRM)* (Thematic leader: Dr. Prabhat Kumar)

Specific Objective: To increase the co-generation and adoption of technological solutions that can address climate induced bio-physical and socio-economic challenges in Asia.

3. *Business and Innovation Models for a Green Economy (BIMGE)* (Thematic leader: Dr. Yuosre Badir)

Specific Objective: To improve the efficacy of Asian businesses in their contributions towards climate change adaptation.

4. *Urban and Rural Quality of Life and Sustainability (URLS)* (Thematic leader: Dr. Edsel Sajor)

Specific Objective: To increase the use of technological and social applications by governments and industry, to improve the quality of life of the urban and rural populations of Asia.

5. *Low Carbon and Sustainable Production & Consumption Technologies & Management (LCSPC)* (Thematic leader: Prof. Sivanappan Kumar)

Specific Objective: To increase adoption of policies and technologies towards a cleaner environment and sustainable energy access in Asia. Web link: www.lcspc.ait.ac.th

The center activities are managed by a Senior Program Officer working under the leadership of the Institute's Vice-President for Research. SDCC is involved in working closely with AIT faculty, researchers, students and external partners according to the needs and requirements of the type of work / projects.

Research activities carried out in the year 2012

1. *Alternate University Appraisal (AUA); Education for Sustainable Development in Asia Pacific Universities*

Alternate University Appraisal (AUA) project was launched in 2009 as a joint initiative of ProsPER.Net member institutions. The objective of the project was to enhance the recognition of Education for Sustainable Development (ESD) practices at universities to promote ESD and to create ESD learning & supporting community to improve their practices. During the third year of project, AIT along with consortium members aimed to create an instrument that recognizes good practices by universities when promoting and adopting education for sustainable development principles (AA) System, through developing "AUA Benchmarking Indicators" and refining the AUA Peer-Consultation System, especially in the outreach benchmarking part.

2. *Linking Development Policy and Climate Change for Mekong region and Nepal*

CoE-SDCC collaborated with the Finnish Environment Institute (SYKE) for a project on "Policy Learning in four countries from Mekong region and Nepal." The study aimed on policy learning by linking the development policy

and climate change in Finland's relations with developing countries. The objective of this project was to support the Ministry for Foreign Affairs of Finland (MFA) and other relevant ministries in their efforts to integrate poverty reduction and climate change responses.

The project was completed in the year 2012. The study concluded that there is currently inadequate information available on the poverty and climate impacts of Finland's development cooperation.

3. *Technology Needs Assessment (TNA): Adaptation & Mitigation*

AIT as Regional Center: Adaptation & Mitigation for Asia & Eastern European countries under the CoE-SDCC and LCSPC group provided technical support and capacity building inputs to 14 participating countries. Country progress on prioritizing technologies in climate change adaptation and mitigation sector, preparation of technology action plans and technology fact sheets was supported by the team members while undertaking country missions and providing continuous support through help desk (CoE-SDCC Secretariat & LCSPC Secretariat) during the year 2012.

New projects initiated in year 2012

- ▶ A. Mishra and P. Kumar, Sustaining and Enhancing the Momentum for Innovation and Learning around System of Rice Intensification (SRI) in Lower Mekong River Basin, funded by the European Commission.
- ▶ B. Resurreccion and E.Sajor, Adapting to Climate Change in Peri-Urban Southeast Asia, funded by IDRC Ottawa, Canada.
- ▶ P. Kumar, A.Mishra, A.Anal and W.Gallardo, Save Food Asia, funded by FAO RAP, Thailand.
- ▶ S. Dhakal and S. Shrestha, Energy-carbon-water nexus, funded by Asia Pacific Network, Japan.
- ▶ S. Kumar, Capacity Development on Clean Coal Technology and Carbon Sequestration, funded by ADW, Inc/Nex-Gen Systems Corporation, USA.

Organization of Conferences/Workshops in year 2012

- ▶ Technology Needs Assessment Second Regional Capacity Building workshop in Asia, February 2012, Bangkok, Thailand.
- ▶ Technology Needs Assessment Experience Sharing workshop, September 2012, Bangkok, Thailand.
- ▶ 9 th AUA core member meeting and one day workshop to finalize the benchmarking indicators, April 2012, Bangkok, Thailand.
- ▶ Co-organized a training program on 'GIS for Disaster Risk Management' in collaboration with ADCP (Thailand), ITC (Netherlands), and UNOSAT (Switzerland), May 2012, Bangkok, Thailand.
- ▶ Co-organized training at AIT with the United Nations University (UNU) on climate change down scaling, November 2012, Thailand.

- ▶ Co-organized an Asia Pacific High Level Regional Consultation along with FAO-RAP on the theme of “Food Losses and Food Waste.”

Participation in Regional Public Fora

- ▶ E. Sajor, Expert Group Meeting of the UN-HABITAT, UN-ESCAP and Rockefeller Foundation, July 2012, Surabaya, Indonesia.
- ▶ M. Hazarika, International workshop to finalize the Sri Lanka National Hazard Profiles and identify ways of mainstreaming the information in Sri Lanka, October 2012, Sri Lanka.
- ▶ M. Hazarika, Importance of disaster risk assessment for compensatory risk assessment in agricultural insurance sector in Aon Benfield Asia Pacific Agricultural Reinsurance and Insurance Conference, April 2012, Bangkok, Thailand.
- ▶ M. Hazarika, Intergovernmental Meeting on Asia-Pacific Years of Action for Applications of Space Technology and the Geographic Information System for DRR and Sustainable Development, December 2012, UNESCAP, Bangkok, Thailand.
- ▶ P. Kumar, Climate Change Adaptation by Smallholder Farmers to Enhance Water Use Efficiency: Experiences from AIT’s works in Asia. Climate Change Adaptation: Reducing Vulnerabilities in the water sector of Mongolia, Ministry of Environment and Green Development and GIZ supported, 17-18 October 2012, UB Hotel, Ulaanbaatar, Mongolia.
- ▶ P. Kumar, J. W. Ketelaar and A. Abubakar. 2012. Experiences of Area-Wide Promotion and Adoption of Fruit Fly

IPM-FFS from SE Asia: Lessons for smallholder horticultural production in South Asia. Global Conference on “Horticulture for Food, Nutrition and a livelihood option”, 29-31 May 2012, Bhubaneswar, Odisha, India.

- ▶ S. Kumar, Sustainable Energy Futures 2012 and 10th SEE Forum Innovations for Sustainable and Secure Energy, 21-23 November 2012, Brunei Darussalam.

Other Activities

Collaborated with UNU to develop a module on impacts of climate change in disasters (such as flood) as well as agricultural production, November 2012.

Developed a road map for activities to be undertaken in next three years between AIT and FAO to cover entire gamut of research, development and academic collaboration, November 2012.

Assisted UNU-CECAR in their renewable energy online course development and curriculum, May 2012.

Assisted Vice President-Academic Affairs in preparing a proposal for Sweden’s SIDA titled “A Regional Platform for Research on Lower Carbon and Sustainable Production and Consumption Technologies and Management in South-East Asia”, September 2012.

CoE-SDCC Plans for the year 2013

1. Continuing the current research projects.
2. Approaching new research projects related to SDCC mandate

Images depicting thematic areas



Disaster Risk Management



Sustainable Land and Water Resources Management



Business and Innovation Models for a Green Economy



Urban and Rural Quality of Life and Sustainability



Low Carbon and Sustainable Production & Consumption Technologies & Management (Photo: Carlos Paes)

OUTREACH

School of Environment, Resources and Development (SERD)

SERD Alumni Homecoming:

As a part of the AIT Day festivities, School organized “SERD Alumni Homecoming 2012” in the morning of 7 September 2012. The session was chaired by Dr. Subin Pinkayan and co-chaired by Dr. Weerakorn Ongsakul, SERD Dean and convened by Dr. Amaratatne Yakupitiyage, Associate Dean.

A number of SERD alumni participated in this event. It was a good opportunity for them to interact with the current students. After the program, tree planting was carried out in front of the academic building of SERD to commemorate this event.

AIT Extension

For over 50 years, AIT Extension has built successful training programs for professional development in response to capacity development needs of national governments, overseas development agencies, multilateral agencies, development institutions, the private sector, investment banks, and NGOs.

In 2012, AIT Extension operated from its Bangkok office, organizing over 100 courses for 1700+ participants – a record high. This year, AIT Extension highlights some of the significant milestones, partnerships and key projects in the areas of education, development, environment and technology.

AIT Extension partners with USAID for its Low Emissions Asia Development (LEAD) Project

In September 2011, the USAID Regional Development Mission for Asia (RDMA) initiated the Low Emissions Asia Development (LEAD) program to support Asian governments, businesses, and institutions develop proper frameworks for sustained low-carbon, climate-resilient development across all economic sectors through LEDS (low emission development strategies).

The program recognizes an overall capacity building need and knowledge gap in the Asian region in the areas of LEDS, GHG inventories and carbon market development and therefore envisages the creation and facilitation of an independent yet sustainable training center. The center is scheduled to be set up under AIT Extension to support regional capacity building and knowledge sharing.

YCA EXPANDS PORTFOLIOS

The Yunus Center at AIT (YCA), established in 2009 in collaboration with Nobel Laureate Professor Muhammad Yunus, works to fulfill the Institute’s outreach mission, connecting its academic infrastructure with its regional development network. In July 2012 YCA was administratively reorganized as an all-volunteer program unit of AIT Extension.

YCA works to harness the power of enterprise to introduce pro-poor technologies at the grassroots. Each of its six program portfolios serves a defined outreach function.

Partnership & Program Highlights

- ▶ SB 101 courses attract 40+ participants from 18 countries.
- ▶ Experts-in-residence from Australia, India, UK and USA.

- ▶ Interns & students from India, Sweden & USA learn on the job.
- ▶ Mobildiagnosis® partnership in Cambodia reduces malaria risk.
- ▶ Splash partnership in Cambodia brings clean water to children.
- ▶ Hand-in-Hand regional partnership grooms development leaders.
- ▶ ASVI partnership for first Fundraising & Social Business training.
- ▶ YCA Casebank documents experience to build teaching resource.
- ▶ TSEO partnership helps bolster national Social Business capacity.
- ▶ myHarappan partnership attracts youth towards social business.
- ▶ Thinkfluence initiative uses Behaviour Influence as force for good.

YCA PROGRAM PORTFOLIOS

1. **SB Action: need-responsive, gender-mainstreamed social business projects & trainings**
2. **SB Challenge: unique competition to test collaborative business ideas**
3. **SB Archives: online repository of action research findings and cases**
4. **SB Learning: guided learning opportunities rooted in best practice from across the region**
5. **SB Academy: experience-sharing, expert residencies & internships**
6. **GCL@AIT: cycle of creative learning events with Grameen Creative Lab**

IMPROVING TERTIARY EDUCATION IN PAKISTAN

Since 2007, AIT Extension has built a successful program of professional development with the Higher Education Commission (HEC) of Pakistan. Organized in collaboration with the Learning Innovation Division of HEC, AIT Extension has successfully organized four (4) Advanced Faculty Professional Development Programs titled Ensuring Training Effectiveness for over one hundred faculty members and administrators from public universities in Pakistan.

The customized courses aimed to enhance knowledge and strengthen skills of faculty members and education managers from higher education institutions.

The program supported HEC's efforts to improve the quality of tertiary education in Pakistan by refining the preparedness of universities and enriching their management, teaching & learning and administrative capacity.

FRAMES – FUNDRAISING MANAGEMENT & SOCIAL BUSINESS

In partnership with YCA and ASVI, a Master's training pilot program on Third Sector Management and Fundraising has been developed for the Asian market, a program that is already offered in Europe. This is a blended training course for development professionals and managers in the social and NGO sectors. The program is set to launch late 2013 with intakes in early 2014.

ARCMDG CONTINUES TOWARDS REALIZING POVERTY ALLEVIATION

The ASEAN Regional Center of Excellence on Millennium Development Goals (ARCMDG) catalyzes the achievement of MDGs in ASEAN countries and elsewhere through capacity building. Programs are carried out in close collaboration with ASEAN Secretariat, governments, UN agencies and CSOs. In 2012, it has created workshop for senior Officials on Rural Development and Poverty Elimination to consult on how to strengthen collaboration between ASEAN and ARCMDG as well as organized training on Project Monitoring and Evaluation for Local Governance and Decentralization, Focused on Poverty Reduction and Millennium Development Goals. It also organized the Asia-Pacific International MUN with the aim to gather students from the five continents offering a higher-level atrium of dialogue and debate between culturally diverse leaders.

CONDUCTS LEADERSHIP DEVELOPMENT PROGRAM FOR DISASTER PREPAREDNESS AND RESPONSE

In August 2012, AIT Extension conducted a two-week leadership development program on Disaster Preparedness and Response for the Office of the Civil Service Commission (OCSC), Government of Thailand. This is a professional development scholarship program funded by the Thai government. The program aimed to enhance leadership capability of mid-level government officials in planning and management for disaster response programs and activities.

At the end of the program, the participants were assigned to work in teams and develop new initiatives for disaster risk reduction and response strategies, which fostered a culture of working together across departments.

FACILITATING SUSTAINABLE GROWTH FOR EMPLOYMENT IN AFGHANISTAN

During May to November 2012, AIT Extension trained Government officials and project staff of the Ministry of Counter Narcotics (MCN), Ministry of Agriculture, Irrigation and Livestock (MAIL) and the Ministry of Rural Rehabilitation and Development (MRRD) through the Comprehensive Agriculture and Rural Development Facility (CARD-F) project.

This project aimed to facilitate sustainable growth in legal rural incomes and employment in target districts where CARD-F requested AIT to design and conduct a program that would address issues on project management and food security.

AIT Extension also facilitated learning processes that allow participants to have exposure on community-based set up and local organization management. This component enabled participants to implement the project activities through local development committees.

BANKERS FROM BANGLADESH AND BHUTAN GRADUATE FROM PMBF PROGRAM

The Professional Master's in Banking and Finance (PMBF) degree program graduated its second batch of participants in 2012. The first batch of participants comprised of bankers from Bangladesh Bank, which is the central bank of Bangladesh. This year's batch, in addition to Bangladesh Bank, also included bankers from the Bank of Bhutan Limited. In the nine-month program run by AIT Extension in collaboration with the School of Management, a total of 26 participants graduated, 19 from Bangladesh and 7 from Bhutan.

At the Completion Ceremony conducted on December 15, 2012, Mr. Daw Tenzin, Governor of the Royal Monetary Authority of Bhutan (RMB) was matter-of-fact in his assessment of the PMBF and of AIT's ability to educate his staff in this highly specialized subject. "Banking is a new business in Bhutan, and the challenges of banking and finance are enormous," he said. "AIT is an option for our central bank."

ENHANCING SKILLS FOR ENERGY AND AGRICULTURAL SECTORS

This year AIT Extension's IT and Engineering program conducted 31 courses with approximately 500 participants, mostly from Bangladesh, Indonesia and Pakistan. One major project undertaken was to enhance technical and management skills of oil and gas companies of Bangladesh, such as Titas T&D, Petro Bangla, Karnafuli Gas Distribution Co, Ltd., Bakhrabad Gas Co., Ltd., and BAPEX.

AIT Extension also worked on developing courses for the Energy Distribution Services Management and Technology Program (EDSMAT), which was funded by the World Bank as well as three courses each for Indonesian Agency for Agricultural Research and Development (IAARD) and Bangladesh Water Development Board (BWDB) were conducted.

At the end of 2012, Power Sector Capacity Development Program (PSCDP), a 1 year project for Power Division, Ministry of Power, Energy and Mineral Resources, Government of Bangladesh, funded by Asian Development Bank (ADB) got underway.

RRC.AP HIGHLIGHTS

Regional Resource Centre for Asia and the Pacific (RRC.AP) was jointly established by United Nations Environment Program (UNEP) and Asian Institute of Technology (AIT) in 1989. The RRC.AP responds to the region's needs for capacity building in science, assessment, policy tools, emerging environmental issues, knowledge and information dissemination; and pilot projects for demonstration and replication.

In 2012 RRC.AP conducted international workshops on climate change, sustainable energy, youth awareness on air pollution and health impact assessment; trainings on health care waste management, air and atmospheric pollution, emission inventory and development of technology action plans (TAP); forums, government officials' dialogues, trainings and task force meetings.

CSRACA DELIVERS ON KEY CSR STRATEGIES FOR THE REGION

The CSR Asia Center at AIT (CSRACA) is a joint venture partnership between the Asian Institute of Technology (AIT) and CSR Asia, a leading provider of information, training, research and consultancy services on sustainable development practices and corporate social responsibility (CSR) in Asia.

Key projects in 2012 included supporting corporate clients with events, projects on community investment and sustaina-

2012 EVENTS

- 2nd Asia-Pacific Climate Change Adaptation Forum, 12-13 March, Bangkok
- Atmospheric Brown Cloud (ABC) Science and Implementation Meeting, 12-14 September, Beijing
- 11th Session of Working Group on Future Development (WGFD11) of EANET, 7-8 August, Chonburi
- 9th Regional Refresher Workshop of the Malé Declaration, 10-12 December, New Delhi

bility reporting. The CSRACA also delivered research projects for the National Human Rights Commission of Thailand and the German International Cooperation Agency GIZ, a project funded by the Swedish International Development Agency Sida to work with Mangroves for the Future (MFF) on the development of a private sector engagement strategy, as well as a collaboration with Oxfam on their Enterprise Development Program (EDP).

AIT Consulting

AIT Consulting is a center established by the Asian Institute of Technology (AIT) to offer integrated solutions in technology, engineering, environment, development, and management; in order to contribute to sustainable growth in today's rapidly developing world.

By mobilizing a team from a pool of experts existing at the Institute, including internationally recognized faculty, experienced researchers, talented alumni, and external partners; AIT Consulting is one way for AIT to continue its mission to development and society. This holistic approach also gives partners and clients access to renowned centers of excellence, regional hubs, and research facilities housed at AIT, and a wide network of professionals all over the world.

The Year in Review

In 2012, AIT Consulting endeavored to provide consistent quality delivery of integrated solutions and services marked by proposal submissions, project initiations, professional development, new marketing initiatives, and organizational development. AIT Consulting's eagerness to seek new applications for expertise and services resulted in 25 new clients and partners from 10 different countries, coming from diverse sectors.

During the course of the year, AIT Consulting conducted 71 projects in 12 countries, ranging from providing expert solutions within its established areas: structural engineering and information technology, to undertaking new specializations

such as those in: climate change, innovation, and intellectual property rights, and logistics & supply chain. In addition to ongoing projects that were carried over from 2011, AIT Consulting had the opportunity to work with distinguished clients in 2012 to initiate 44 new projects. The majority of the initiated projects were conducted in the Philippines and Thailand. Four projects were for the first time initiated in Myanmar and Japan.

AIT Consulting also conducted professional development programs in Thailand, Myanmar, and Sri Lanka on niche areas in structural engineering, transportation, and research and teaching methodology to supplement on-going collaboration.

This year also marked the development of a system and process for administering intellectual property rights for AIT which was spearheaded by AIT Consulting. An application of this initiative is the provision of an integrated intellectual property service to support the development of sustainable decentralized wastewater management systems, a five-year research covering Thailand, Cambodia, and Vietnam made possible with a grant from the Bill & Melinda Gates Foundation carrying the theme "Reinventing the Toilet".

In addition and on behalf of AIT, AIT Consulting participated in the expert group meeting on Incorporating Environmental Design and Disaster Resilience in Building Codes with UNESCAP. AIT Consulting also contributed to AIT's task force for Bangkok's Future Flood Protection and the AIT Main Campus Rebuilding and Upgrading Committee.

Harnessing and integrating AIT's capabilities to cater to the technological needs and development of the region was carried through in part by the efforts to integrate the Institute's strengths by AIT Consulting. Achievements include increased initiatives in countries such as The Philippines, Myanmar, and Thailand.

Strengthening Initiatives in The Philippines

Technical support to The Philippines is considered one of AIT Consulting's primary priorities since its establishment in 2010. This year, AIT Consulting strengthened its contribution by conducting specialized structural engineering services for 30 projects including code-based design reviews, seismic hazard assessment, structural system development, and seismic evaluations in addition to Performance-based Design (PBD) reviews, a core competency and signature service. PBD reviews accounted for 80% of the services extended to The Philippines.

Working closely with several local partners such as Sy² + Associates, one of the country's prime consulting firms, AIT Consulting contributed significantly to validate and forecast the performance and integrity of prominent projects such as the Trump Tower (Century Properties Group), Park Terraces Tower 3 (Ayala Land), Proscenium Towers (Rockwell Land Corporation), Shangri-La at the Fort (Shang Properties), M-Place Ortigas Tower (SM Development Corporation), and BDO Tower (SM Keppel Land).

Promising New Partnerships in Myanmar

2012 proved to be a significant year for AIT Consulting marked by the new partnership with Mandalay Golden Wing Construction Ltd. (MGW), one of the leading construction firms in the country which is set to build the tallest building in Myanmar, the Diamond Inya Palace. MGW has started work on the 60-million USD, 34-storey building near Inya Lake targeting the end of 2015 as completion. AIT Consulting was privileged to take part in this project by conducting a Structural Peer Review focusing on the evaluation of the structural system and design of the building with a special emphasis on conformance to building codes, standards, established engineering practices, and the effects of earthquakes and wind.

Following the success of a previous UNESCAP-AIT collaboration for the analysis of the building codes of nine countries in the Asia-Pacific region, the two institutions worked together to support the development and review of the Myanmar National Building Code (MNBC). Working closely with Myanmar's Ministry of Construction (MOC) and its technical partner the Myanmar Engineering Society (MES), UNESCAP and AIT through AIT Consulting, reviewed code specific to wind design criteria, seismic design criteria, and other criteria relating to concrete, steel, masonry, and design. To further develop the review, UNESCAP and AIT also jointly organized an Expert Group Meeting (EGM) on 26-27 April 2012 at the United Nations Conference Center. Professor Sivanappan Kumar, Dr. Pennung Warnitchai, and Dr. Naveed Anwar represented the Institute in the meeting.

Intensifying Integrated Solutions in Thailand

AIT Consulting's involvements were diverse in Thailand, highlighted by involvements in several high-profile projects wherein experts supplied technical expertise in the fields of

intellectual property rights, structural engineering, software development specifically customized for SCG Building Materials and Nichada Thani, and policy-level assessments for disaster prevention and mitigation. Contributions to structural engineering industry was underlined by AIT Consulting's structural peer review of a 32m-high Standing Buddha statue for Crown Property Bureau, the structural design for Central Retail Corporation's 10B THB luxury shopping complex - Central Embassy, and the code based design review of the foundation and skybridge of Eastern Star's StarView Building.

AIT was also engaged by Thailand's Department of Disaster Prevention and Mitigation (DDPM) which operated under the Ministry of Interior, to assist in developing a plan to establish a safe and secure urban environment against potential earthquakes. This project was led by Dr. Pennung Warnitchai, a renowned disaster and earthquake expert based in AIT. Dr. Warnitchai and his team, including engineers mobilized through AIT Consulting, are responsible for conducting a probabilistic seismic hazard assessment (PSHA) and preparing PSHA maps for Bangkok. The action plan is scheduled for completion by the end of 2013.

Expert Assistance to Development Projects

AIT Consulting engaged with several international organizations and research institutes such as the Asian Development Bank (ADB), Japan's National Institute of Environmental Studies (NIES), and the World Bank.

ADB entrusted AIT, under the leadership of Prof. Sivanappan Kumar, AIT's chief energy specialist with the support of AIT Consulting, with a technical assistance project on promoting renewable energy, clean fuels, and energy efficiency specific to the Greater Mekong Subregion. ADB also selected AIT Consulting to conduct asset inspections for the construction of five educational facilities in Sri Lanka and project procurement reviews of several highway construction projects in Mongolia.

NIES initiated studies in December 2012, two of which were awarded to AIT's Dr. Shobhakar Dhakal, Associate Professor, Energy field of study, School of Environment, Resources and Development with the support of AIT Consulting, to set benchmarks for future climate change mitigation and adaptation actions while assessing the urban sustainability indexes in several Asian cities.

AIT Consulting also assisted the World Bank by performing post-earthquake structural assessments for buildings in Nepal.

ACECOMS working in close coordination with AIT Consulting

The Asian Center for Engineering Computations and Software (ACECOMS) and AIT Consulting function symbiotically, synergizing on projects covering software development, seminars, and capacity building.

In 2012, AIT Consulting and ACECOMS worked together on many projects covering structural engineering, software development, and for earthquake disaster prevention and mitigation. In addition to consulting projects, customized trainings for structural engineers and programs on research and teaching methodology were also arranged by ACECOMS for organizations in both the public and private sectors.

UN, AIT Office

Cooperation with UN Agencies by AIT and UN, AIT Office

In year 2012, AIT successfully developed and established contacts with several UN agencies. These activities included collaborative projects, training programs, student exchanges and conducting workshops. With UNESCO-IHE Delft, The Netherlands, a double degree program on environmental technologies for sustainable development (DD-ETSuD) was successfully established and the first batch of students enrolled on August 2011 semester. For year 2012, 4 students enrolled for this double-degree program.

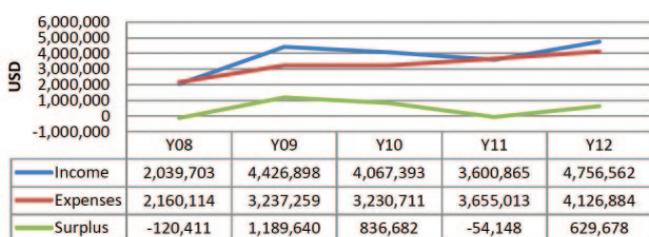
Furthermore, an Erasmus Mundus Doctoral program on Environmental Technologies for Contaminated Solids, Soils and Sediments (ETeCoS3) funded by EU was in the third year of opera-

tion. Four Master's students from AIT were successful in securing scholarship from ETeCoS3 program and are currently carrying out research at UNESCO-IHE Delft, The Netherlands and Università degli Studi di Cassino – Italy. Currently, 4 research projects are in progress with funding from UNESCO-IHE, UPaRF and SDCC/AIT-France network.

Furthermore, in year 2012, a total of 16 research projects with various UN agencies were undertaken by AIT faculty and staff, valued at approximately 28 million baht. These projects were funded by various UN agencies such as UNESCO-IHE, UNEP, FAO, UNDP, UNU etc.

AIT Center in Vietnam

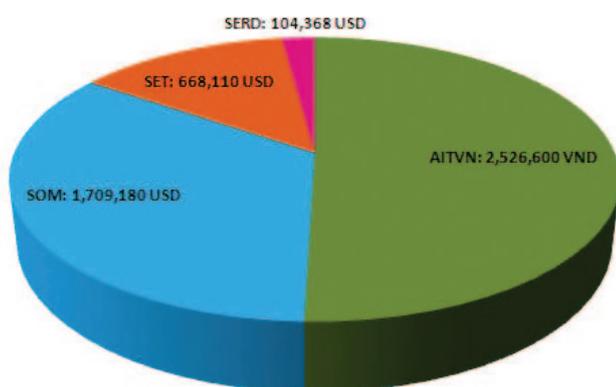
Income, Expenses, Surplus



Financial statement



Overhead income structure



Fund balance as of 31 December 2012

Collaborations & Partnerships

- ▶ MOA – Graduate Institute of International and Development Studies (IHEID), concerning Executive Master in Development Policies and Practices (DPP).
- ▶ MOU – ADS International Design and Art Center regarding joint training programs in product design.

2012 Highlights

1. 25th Meeting - AIT Center in Vietnam Council of Advisors

AIT Center in Vietnam Council of Advisors (COA) includes 20 members, representing governmental organizations, embassies, leading educational institutions and representatives from private sector in Vietnam and regional countries. COA members play a very important role in guiding the long-term strategic development of AIT Center in Vietnam and hence, maximizing the institution's contribution to the sustainable social-economic development of Vietnam and the region through quality international higher education, research and outreach services.

On 26 March 2012 AIT Center in Vietnam successfully held the 25th meeting of its Council of Advisors at AITCV headquarters in Hanoi. The COA Chair, Dr. Bui Van Ga – MOET Deputy Minister attended. Dr. Ga stressed the importance of technology, management of information, management of business and climate/environment to Vietnam, as well as the country's needs for external support in improving the quality of training and education from countries which have a long history of education, research, and scholarship. AIT President, Prof. Said Irandoust, expressed his gratitude for Vietnam government's strong and continued support to AIT and AIT's initiatives in Vietnam. The Director of AIT Center in Vietnam, Dr. Amrit Bart, presented the annual report of AIT operation in Vietnam for 2011, highlighting the Institute's programmatic and financial performance and its development plan towards 2015. The meeting ended with an extensive discussion among COA members as regards a number of issues related to AIT Center in Vietnam strategic development directions, partnership plan, and closer alignment between AIT offerings in Vietnam and the needs of the country.

2. AIT Delegation Meets with Vietnam Ministry of Education and Training

On 16 August 2012, AIT President Prof. Said Irandoust met with H.E. Dr. Bui Van Ga, Deputy Minister of Education and Training, Government of Vietnam in Hanoi along with MoET Senior staff. The President was accompanied by H.E. Mr. Ngo Duc Thang, Ambassador of Vietnam to Thailand, Dr Amrit Bart, Director of AIT Center in Vietnam, and other AIT officials. The Deputy Minister was sympathetic towards the difficulties faced by AIT. The AIT president expressed his sincere appreciation to the Deputy Minister of Education and Training and Vietnam Ambassador to Thailand for their kind support in strengthening AIT and Vietnam relations.

3. AITCV diversified its portfolio by successfully bidding and implementing external projects

a) *AIT Signs Agreement with HFIC for Training & Advisory Services funded by AFD through a 1.5 million Euros, non-refundable aid to the Vietnam government*

On 19 April 2012 Ho Chi Minh City Finance and Investment State-owned Company (HFIC) and the Asian Institute of Technology (AIT) signed an Agreement for the 'Advisory and Training Services for the Capacity Enhancement of HFIC and Project Owners Financed under the French Development Agency's (AFD) Credit Facility' (HCE1 Package) at Continental Hotel in Ho Chi Minh City. Attending and witnessing the signing ceremony were representatives of HCMC People's Committees, French Development Agency (AFD), HFIC, AIT, Consulates, NGOs, and educational institutions. HCE1 is one of the three parts of the project "Technical Assistance for the capacity enhancement of HFIC and project owners financed under AFD's credit line', funded by AFD through a 1.5 million Euros, non-refundable aid to the Vietnam government. The loan has been assigned to HFIC to enhance the capacity of HFIC, functional organizations in HCMC, and HFIC major partners and clients, especially institutions under AFD's credit facility in health care, education, environment, and social housing sectors.

Objectives of this Technical Assistance are to:

- ▶ Enhance HFIC's capacity to help deal with challenges in social-economic development in the region
- ▶ Develop long-term, advanced training tools at HFIC if there exists prerequisite conditions for the sustainability of these tools
- ▶ Enhance the management capability of institutions under the AFD's credit line in health care, education, social housing, and environment sectors
- ▶ Improve practical solutions for social and environmental responsibilities in HCMC, in order to support HFIC, HCMC's authorities, HFIC's principal partners and clients in accordance with optimal international social and environmental norms.

In summary, the primary goal of the Technical Assistance is to support HCMC People's Committee in effectively improving and responding to the city's increasing demand for evidence-based social-economic infrastructure through the use of practical solutions towards sustainable development.

b) *"GET GREEN VIETNAM" - project technical kick-off meeting*

The 'GetGreen Vietnam' project is funded by the SWITCH-Asia programme of the European Union, with the objective of promoting sustainable living and working in Vietnam. The Asian Institute of Technology Center in Vietnam (AITCV), together with the Delft University of Technology (TU Delft) and VNCPC, are in charge of implementing the project within a period of 36 months. Specifically, AIT Center in Vietnam will lead a number of project activities, including but not limited to 'Capacity building', 'Change Agent' training, GetGreen groups selection and networking, and Stakeholder Review Meetings.

The project technical kick-off meeting was organized at AIT Center in Vietnam, Hanoi office on 12 April 2012, with the participation of representatives from all three project partners. Among other items on the agenda, Dr. Marcel Crul from TU Delft, the project technical coordinator, provided a remarkable presentation on sustainable consumption, where he convincingly showed that 'changing consumption behavior can start with fun and play' and presented the current top 10 sustainable consumption solutions worldwide.

About 'GetGreen Vietnam' target groups and objectives:

The project target groups are consumer groups (direct), consumer organizations and governmental organizations (indirect). The final beneficiaries include consumers, organizations, SMEs, and the general public. The expected outcomes of the project are fourfold:

- i. Environmental, purchase and the use of more sustainable products for household and offices;
- ii. Economical, improved market opportunities for SMEs supplying more sustainable products;
- iii. Social, influence of 1000 change agents in Vietnamese society advocating a change of attitude and behavior towards purchase and use of more sustainable products, as well as stronger linkage between suppliers and consumers of more sustainable products;

iv. Political, an enabling environment to stimulate sustainable consumption in Vietnam.

'Each year until 2030, at least 150 million people will be entering the middle class. This will bring almost 60% of the world's population into a middle income bracket. Over the same period energy demand is projected to increase by 40%, and water demand is expected to outstrip supply by 40%' (World Economic Forum). Facing this growth scenario, promotion of sustainable consumption is crucial to the long-term development of the world.

c) *SPIN (Sustainable Product Innovation Project) – Creative Packaging Design for Food Processing Enterprises*

AIT Center in Vietnam, in cooperation with ADS International Design and Art Center and SPIN project, organized a five-day training program on 'Creative Packaging Design for Food Processing Enterprises' in Ho Chi Minh City from 23-27 August 2012. Program trainers were specialists from SPIN Green Office, AIT Center in Vietnam, Vietnam Cleaner Production Center (VNCPC), and Delft University of Technology (TU Delft). The program was attended by more than 20 representatives from major food processing corporations like Vissan, Kinh Do, and Massan Group.

Creative packaging was analysed from four different aspects: i) sustainability, ii) technical issues, iii) marketing, and iv) graphic design. Some of the important issues covered include, best techniques in creative packaging design, appropriate packaging materials, some of the latest standards and trends, as well as the incorporation of packaging into brand management and marketing strategy.

The program specialists will visit the food processing enterprises and consult with products on their current packaging practices after the training program.

About SPIN project

The Joint SPIN project (Delft-AIT-VNCPC) objective is to promote potential innovation in the industry and increase social and environmental quality of the products produced in Vietnam, Laos and Cambodia. This will be accomplished through the implementation of Sustainable Product Innovation (SPIN) on a large scale in all three countries.

d) *AIT Center in Vietnam Wins a \$30,000 AusAID-WorldBank Project*

The Asian Institute of Technology Center in Vietnam was awarded US\$30,000 from AusAID-World Bank fund, under the 'Vietnam Blended Learning Program 2012', for the project "Developing and establishing an ICT supporting system to provide blended learning activities and e-training management for the masters program in "Engineering and Environmental Geology".

The Vietnam Blended Learning Program 2012 was awarded grants for five out of 140 innovative learning program ideas received from social organizations, non-governmental organizations, schools and universities, private companies and local training agencies, following the AusAID-World Bank's call for ideas in October 2011. Apart from AIT Center in Vietnam, the other four winners are School of Education, Can Tho University; Southeast Asian Ministers of Education Organisation – Regional Training Center; School

of Biotechnology, International University, Vietnam National University HCMC; and Education Quality Training and Support Center, Vietnam Private University Association. Each learning program this year receives an approximate amount of USD30,000 to roll out their program, thus supporting training and career development for 150 faculty managers, 140 teachers and 40 specialists and researchers.

During the implementation, the 5 project teams will work closely with their international partners to learn and apply innovations and best practices. These projects are expected to help their beneficiaries to successfully prepare for the challenges of a knowledge world. Winning teams are ready to start the first activities of their projects.

4. AITCV Career Development Strategy - new iEMBA Scholarship Scheme for AIT Center in Vietnam staff

From 2012, AIT Center in Vietnam will continue to provide one iEMBA scholarship annually to a highly productive and promising staff. Selection is based on meeting iEMBA admission requirements and AIT Center in Vietnam conditions, and is subject to the seat capacity of the program. AIT School of Management will provide merit-based fellowship of up to 50% of the tuition fee and the remaining costs will be covered by AIT Center in Vietnam and the candidate.

5. AIT Center in Vietnam International Day

Internationality, diversity and tolerance has always been important factors highly valued and embraced at AIT Center in Vietnam. AITCV strongly believes multiculturalism plays an important role in creating an exciting learning and teaching environment. It takes pride in the fact that its students, trainers, and faculty members come from different parts of the world.

AIT Center in Vietnam International Day on April 11 was a fun-filled event, with the participation of AIT-CV staff, students, trainers, and partners from 6 different countries: Vietnam, USA, Bangladesh, Cambodia, Laos, and The Netherlands.

Various national music, dancing, singing, games, and great foods and drinks made the evening to remember.

6. AIT Center in Vietnam Staff Retreat 2012

AIT Center in Vietnam organized a 3-day Staff Retreat in September 2012 at the beautiful Bamboo Resort in Phan Thiet. Attending the retreat was AITCV Director, Dr. Amrit Bart, and AITCV colleagues from all offices in Vietnam: Hanoi, HCMC, and Can Tho.

The retreat was organized into three major activity themes: charity/ team building, and discussions on major issues related to the Institute's operations in Vietnam, service quality and image enhancement.

The retreat was an invaluable opportunity for all AITCV staff throughout Vietnam to get to know one another and build a stronger team spirit. A number of ideas and initiatives were developed to improve AIT service quality, and enhance AIT's image as a leading international, higher education institute in the region.

7. AIT Alumni in Vietnam gathering - Remembering our good-old-days at AIT

On 25 February 2012, AIT alumni in Vietnam organized a get-together event in Ho Chi Minh City. This was a very special event for all alumni to share with each other their experi-

ences at AIT and the progress in their professional life after AIT. Many AIT graduates are now in management positions at major organizations in Vietnam or have established their own businesses. All were given the opportunity to present their enterprises at the event creating an opportunity for relationship building and networking.

AIT and the Wetlands Alliance

Capacity Building and Research for Responsible Resource use and poverty alleviation

The Aqua Outreach Program of AIT (AOP) continued to host the Wetlands Alliance, a partnership network of over 40 organizations in five Southeast Asian Countries. Supported by the Swedish International Development Agency (Sida) with an annual budget of 15 Million SEK, the Alliance continued to build capacity for local institutions and change agents in poverty reduction and sustainable wetlands management.

Within the Alliance, AOP engaged in facilitating activities aiming at enhancing access to finance for rural poor, job-creation, eco-tourism and private sector engagement. The AOP experiences in the Alliance also provided the basis for collaboration with UNESCO on linking Higher Education with sustainable development in Timor-Leste.

In 2012, the Aqua Outreach Program (AOP) continued to build on its engagement with Community Based Organizations (CBOs) through the Cambodian Rural Development Team (CRDT) in Kratie, Cambodia. In July 2012, AIT/AOP signed a MoA with Hand in Hand Micro-Finance Pvt. Ltd. (HiHFPL), which has the experience of establishing more than 60,000 similar organizations in India. Under this agreement, AOP, HiH and their partners in Cambodia will implement a pilot project of setting up 70 Self-Help Groups and to create approx. 1,000 jobs within the first year. This partnership also means a large expansion to this kind of activities, as HiH is providing most of the funding.

Following the Gender assessment conducted in 2011, AOP supported and facilitated a series of training workshops in Cambodia, Vietnam and Myanmar for all local partners in these countries. The training workshops were prepared and implemented in close consultation with and by the IFAD APMAS Center and Gender and Development Studies at AIT. The training workshops were attended by a total of 79 participants (34 in Vietnam, 27 in Cambodia, and 18 in Myanmar). This high attendance not only reflects an interest among local Alliance partners in Gender issues but the growing recognition of the importance of Gender mainstreaming in their respective local development interventions to improve their impacts.

Promoting and implementing development-relevant research that addresses local development issues continue to be a major focus of AIT's contribution to the Alliance. During 2012 AOP supported the field studies of nine Master and one PhD student of AIT. With these research studies AIT

seeks to provide a better, evidence informed framework for local level development and poverty reduction interventions of local Alliance partners. The geographic spread of these research studies was wider than in 2011, but Cambodia, specifically the areas along the Mekong between Kratie and Stung Treng, remain a focus for thesis research support.

Drawing from the experiences and lessons provided by AIT-AOP's local level engagement for development, livelihoods and conservation, AOP contributed significantly to programs that aim at making post-graduate education more relevant for sustainable development. One of these is the UNESCO "Comprehensive Program to Enhance Technology, Engineering and Science Education (COMPETENCE)". Under this program, in February AIT-AOP led a team in conducting a workshop in Dili on Higher Education and Learning for Sustainable Development.

An immediate outcome of AOP's facilitation of this workshop and its development was AIT hosting a university foundation program for graduate students from Timor-Leste, who are intending to pursue their post-graduate studies outside the country. Nine of these students are now enrolled in AIT academic programs relevant to the development of Timor-Leste.

AOP facilitated the presentation of three papers reflecting Wetlands Alliance work and practices in an International Wetland Symposium that was held in October 2012 in Pokhara, Nepal. AIT-AOP was invited to facilitate this sharing of Alliance experiences in Local Level Wetlands Management and Livelihood Development by the symposium organizer, an AIT alumna whose thesis research in Cambodia was supported by the Alliance through AIT-AOP.

The three papers presented were:

- ▶ Modalities for Re-orienting Research in Development: Using Community Science to Sustain the Adoption of Small-scale Aquaculture as an Alternative Livelihood and Contributor to Better Management of Wetland Resources in Northeast Cambodia.
- ▶ Sustainable Community Based Ecotourism Development for Wetland Conservation: A Case Study of Koh Rongnieu Island on the Mekong River in Kratie, Cambodia.
- ▶ Geographical Information Technologies for Wetland Management and Capacity Building: Examples from the Wetlands Alliance in Southeast Asia.

FUNDRAISING

The Endowment Fund Campaign for the Friends of AIT Foundation, which was inaugurated in September 2010 and presided over by Her Royal Highness Princess Maha Chakri Sirindhorn, saw a gradual increase in the initial fund in the year 2012. It realized an amount of THB 9.7 million out of the total pledges of THB 22.4 million, the amount that is applicable to be utilized.

The Year 2012 (following from the impact of the 2011 flood devastation) was an extremely challenging period for Fundraising Office. However, through the enormous support of the AIT Alumni and other various donors the Fundraising Office (combined with the Alumni Affairs Office) was able to create a Flood Relief Fund of THB 9,268,579.24 to fulfill the immediate requirements of students who were adversely impacted, as well as to support Cleansing and Rehabilitation efforts and various other short term support needed by the AIT community in the aftermath of the flood disaster.

The successful Fundraising Office initiative towards supporting the three schools continued in 2012, especially in terms of the initiative to set up an Undergraduate Program affiliation with South Asian Institute of Technology & Medicine Sri Lanka. The program facilitated the arrival of 127 Sri Lankan students on campus in 2012, which generated a net income of THB 41.2 million for the Institute.

Mr. Sunimal Weerasooriya, President of the AIT Alumni Association Sri Lanka Chapter, handed over the US\$ 7,500 worth of books to Dr. Matthew Dailey, Associate Professor and UG Coordinator, School of Engineering and Technology, for the Undergraduate Program.

In 2012 the Fundraising Office revisited its fundraising strategy, re-calibrating its short term and long term initiatives in a more focused manner. This strategy covered all the aspects of reaching out to AIT Alumni, and promoting private sector / industry partnerships with the Institute, by connecting with the multinational and Thai corporations and with other Funding Organizations. Under this initiative, the Fundraising Office reached out to many private sector entities and managed to successfully establish connections with HSBC Corporation, Thailand, and SPS Global Corporation.

School of Management Alumni Donation

SOM Alumni continued to demonstrate its enterprising spirit they developed on campus. Many of our alumni turned their ideas into new venture, start nonprofits to address pressing concerns worldwide or give to their communities through their expertise. They also remain devoted to their alma mater — whether it's by mentoring current students or connecting with each other and supporting SOM. In 2012, SOM Alumni donated for rebuilding of SOM close to 1 million Thai Baht. SOM proudly acknowledges their names as follows,

- ▶ Mr. Herbert Vongpusanachai, MBA 1991
- ▶ Mr. Sood Dhirendra and Mrs. Dhirendra , MBA 1992
- ▶ Mr. Larry Po-Chiung Lin, MBA 2001
- ▶ Dr. Tritos Laosirihongthong, PhD 1991
- ▶ Dr. Polboon Nuntamanop, PhD 2013
- ▶ AIT Center in Vietnam IEMBA Vung Tau Batch 1 & 3 – 2010 & 2011
- ▶ Pol. Lt. Col. Sarit Puthpongsiriporn, PhD 2004
- ▶ AIT Center in Vietnam IEMBA Dong Nai Batch – 2012
- ▶ Ms. Narisa Attakor, MBA 1993
- ▶ Dr. Phasit Kanjanasanpeth, MBA 1995 & PhD 2005
- ▶ Dr. Michita Champathes Rodsutti, PhD 2002
- ▶ AIT Center in Vietnam IEMBA Vung Tau Batch 2
- ▶ Dr. Vichak Phongpetra, PhD 2007
- ▶ Khun Supattra Amornpornviwat, MBA 1993
- ▶ Khun Weera Lijirakajorn, MBA 1997
- ▶ Khun Surapong Yamjitnim, MBA 1997
- ▶ Khun Lalana Kashemsanta Na Ayudhaya, MBA 1997
- ▶ Ms. Fe Garcia Tetangco, MBA 1993
- ▶ Ms. Patarawan Chaowasakoo, MBA 2011
- ▶ Mr. Tittapong Techa-uponkul, MBA 1995
- ▶ Ms. Jing Zhou, MBA 1997

COLLABORATION AND PARTNERSHIPS

Institute Agreements signed in 2012

AFGHANISTAN

MoU signed with Ministry of Higher Education (MOHE) for providing human resource development, curriculum enhancement and teaching material development, improved information technology infrastructure, research capability improvement, and development of consulting services.

AUSTRALIA

MoU signed with Entura Hydo Tasmania (ENTURA) for joint training for trainers program, internship and staff exchange programs, and joint proposal for services and training programs.

BELGIUM

License agreement signed with Mindcrossing Limited (a member of AREOPA group) for the delivery of Professional Master's Program in Intellectual Capital and Knowledge Management.

BHUTAN

MoU signed with The Royal Institute of Management (RIM) for professional support and assistance; faculty development; research and consultancy; and training support services.

MoU and MoA signed with Ministry of Education (MoE) for capacity building of Bhutanese nationals at Undergraduate level by offering MoE scholarships and fellowships programs from 2013 to qualified Bhutanese students.

CHINA

MoU signed with Wuhan Institute of Technology (WIT) for faculty and student exchange, Unified Bachelor Master's program, collaborative research program, joint proposal for sponsored research projects, joint organization of International workshops, conferences, seminars and symposia.

MoU signed with Guangdong Education Service of International Exchanges Tianhe Center (GESIE) for International Unified Bachelor Master's Programs; Two-stage Undergraduate, Master's and Doctoral programs; collaborative research program; joint organization of International workshops, conferences, seminars and symposia; conducting joint training programs; undertaking joint courses and professional programs.

LoI signed with School of Economics and Resources Management (SERM), Beijing Normal University (BNU) for Green Development Initiative for Asia and the Pacific (GDI.AP).

MoA signed with Gold East Paper Co. Ltd. Shanghai Branch for APP-AIT Graduate Scholarship.

DENMARK

Amendment Consultancy Contract signed with UNEP RISO Centre for review of TNA TAP projects, holding regional workshops and global experience sharing workshop.

FINLAND

MoA signed with Lapperanta University of Technology (LUT) for student exchange.

FRANCE

Financial agreement Year 2012 signed with Ministry of Foreign & European Affairs by the establishment of joint degrees, mobility of students and faculty and by co-financing of scholarships; development of joint scientific research projects and doctoral study programs.

First Addendum signed with University of Nice-Sophia Antipolis/Polytech for Double Degree Master program.

Contract signed with Campus France on support for students wishing to perform a curriculum leading to a degree/diploma in a French higher education program.

SMoA signed with Centre de Cooperation Internationale en Recherche Agronomique pour le Developpement (CIRAD) for faculty secondment

MoA signed with SKEMA Business School for student and faculty exchange, dual degree program, joint business management training programs, exchange of information and materials, joint research programs and joint conferences.

MoA signed with EDHEC Business School for student and faculty exchange, dual degree program, joint business management training programs, exchange of information and materials, joint research programs and joint conferences.

GERMANY

Extension of Agreement signed with Technische Universitaet Muenchen (TUM) / Technical University of Munich for student exchange

HONG KONG

MoU signed with CSR Asia for joint center in AIT, offer Professional Master's program, provide research and other consultancy services.

INDIA

MoU signed with Hand in Hand Microfinance Pvt. Limited for joint research studies, capacity building through affinity groups and micro-enterprises and consultancy.

MoU signed with Poornima University for deputation of engineering and management faculty, Faculty exchange, Student exchange (international exchange) program, joint international conferences, workshops, seminars and symposia, and joint proposal for research projects.

MoU signed with Poornima School of Management for faculty and student exchange, joint international conferences, workshops, seminars and symposia, and joint proposal for research projects.

MoU signed with Poornima School of Engineering for student and faculty exchange, joint international conferences, workshops, seminars and symposia, joint proposal for sponsored research projects.

MoU signed with The Indian Institute of Crop Processing Technology (IICPT) for capacity building and Human Resource Development.

MoA signed with M/S Quality Education, Assam for Post-graduate and undergraduate student recruitment agent.

MoU signed with Jaipura Institute of Management (JIM) for Exchange of Students and Faculty; joint research and publications; joint seminars, conferences and training programs; Exchange of academic, information and materials; Joint proposal for sponsored research projects.

MoA signed with Charkha Educational Consultancy Services for Post-graduate and undergraduate student recruitment agent.

MoU signed with Indian Institute of Management Raipur for exchange of students and faculty members, develop collaborative research projects, organize joint academic and scientific activities such as programmes, courses, conferences, seminars, symposia and lectures, exchange of publications and other teaching and research materials.

INDONESIA

MoA signed with Petra Christian University for Dual Degree Master Program for students to benefit from internationalization of teaching and academic experience from two reputed institutes.

MoA signed with Institut Teknologi Sepuluh Nopember, Surabaya for Dual Master Degree Programs.

MoU signed with Jenderal Soedirman University (UNSOED) for expertise and information exchange, and research collaboration and consultancy/advisory services.

ITALY

MoU signed with ASVI, School for Management & Social Change to establish a joint venture for starting of pilot program in a Master training "Frame-Fundraising Management and Social Business" on Third Sector Management and Fund Raising.

JAPAN

MoU & MoA signed with Sokendai-Graduate School for Advanced Studies for exchange of faculty members and researchers, exchange of graduate students in doctoral programs and conducting joint research. Also holding lectures and symposia and exchange of information and academic publications.

MoU signed with Remote Sensing Technology Center (RESTEC) for collaboration in the field of earth observation data utilization including exchange of personnel, researchers and engineers; providing lectures and training to users and researchers; and promoting joint research and business.

Third Amendment signed with Japan Aerospace Exploration Agency (JAXA) to appoint faculty secondment of Dr. Yoshiakazu Kamiya, Visiting Expert to AIT.

MoU & MoA signed with Overseas Construction Association of Japan, Inc (OCAJI) for collaboration of joint research, publication, for exchange program of staff and students and to educate and train personnel for Master's or short term training program in Construction, Engineering and Infrastructure Management field of study.

MoU and MoA signed with Ochanomizu University, Tokyo for academic exchange program.

MoU with Keio University Graduate School of Media & Governance & Institute for Global Environmental Strategies (IGES)

MoU and MoA signed with Nagaoka University of Technology for student exchange programs at undergraduate and graduate levels.

MoU signed with Toyo University for exchange of faculty members and students for study and research; joint research projects; exchange of information and academic publications.

MoU signed with Chiba University for exchange of students, faculty members and researchers, organization of joint research projects including conferences and meetings, exchange of information and publications.

KENYA

MoU signed with Multimedia University College of Kenya (MMU) for joint training programs; International Unified Bachelor Master's program; faculty and staff exchange; joint organization of International workshops, conferences, seminars and symposia; joint courses and professional programs; joint proposal for sponsored research projects; transfer of innovation and technology.

KOREA

MoU signed with Korea Institute of Science and Technology (KIST) to materialize the dual degree and faculty exchange programs (dual MS degree program and dual PhD degree program).

MoU signed with K-Water Academy to provide capacity building services in Asia and beyond; empowering personnel with educational support; and conducting joint international conferences, Workshops, Seminars and Symposia and a joint proposal to the Government and International agencies for sponsored research projects.

MoA signed with Dong-A University for joint research and students and faculty exchange program.

MoU signed with Department of Geoinformatics, University of Seoul for joint research, conference and exchange program.

MONGOLIA

MoU signed with Mongolian University of Science and Technology (MUST) for exchange of students, researchers and faculty members, joint research and R&D activities and publications and joint organization of conferences, symposia, seminars, trainings and workshops.

MYANMAR

MoA signed with Myanmar Egress for Pre-bridging Program for Master's degree under the Norway Ministry of Foreign Affairs (NMFA) scholarship.

NEPAL

MoU signed with Nepal Airlines Corporation (NAC) for joint training programs for the capacity building of human resources; internship opportunities for AIT students; provide discounted airfare for students, staff, faculty members, training conferences/workshop participants.

THE NETHERLANDS

MoA signed with UNESCO – IHE for Double Degree Master program in Agricultural Water Management for Enhanced Land and Water Productivity (AWELWP), ETSuD and UWEM.

NIGERIA

MoA signed with Nkoyo Resources Nigeria (NRN) for post-graduate and undergraduate student recruitment agent.

NORWAY

Addendum No. 1 signed with Norwegian Ministry of Foreign Affairs (MFA) regarding capacity building initiative for Sustainable Development in Asia for the “Education and Training through Master’s scholarships for Myanmar Candidates 2012-2014” project.

PAKISTAN

MoU signed with Islamabad Electric Supply Company Limited (IESCO) for establishment of a framework to facilitate mutually beneficial cooperation between the parties in promoting, participating and delivering particularly utility based technical areas and management development programs and conducting training and building capacity in the public sector.

MoA signed with National University of Sciences and Technology (NUST) for dual degree program in RS&GIS, SET and IGIS, NUST.

MoU signed with Lahore Electric Supply Company Limited (LESCO) for establishment of a framework to facilitate mutually beneficial cooperation between the parties in promoting, participating and delivering particularly utility based technical areas and management development programs and conducting training and building capacity in the public sector.

MoU signed with Hyderabad Electric Supply Company Limited (HESCO) for establishment of a framework to facilitate mutually beneficial cooperation between the parties in promoting, participating and delivering particularly utility based technical areas and management development programs and conducting training and building capacity in the public sector.

MoU signed with Government of Punjab to implement the Punjab Barrages Improvement Phase II (PBIP-II) project that includes technical assistance and training which will cover subjects such as Irrigation Engineering Hydraulics, Flood Control, Detailed Design of Hydraulics Structures, Contract Administration and Construction Management, Irrigation & Drainage and Water Resources Management and Development.

PHILIPPINES

MoA signed with University of Cordilleras for Human Resource Development of faculty members.

SRI LANKA

MoA signed with South Asian Institute of Technology and Medicine (SAITM) for the establishment of Four Year collaborative International Undergraduate Program in Biosystems Engineering and Environmental Engineering. Also signed agreement for 2+2 degree program at the Undergraduate level.

MoU signed with UVA Wellasa University for joint training, seminars, workshop and conferences and capacity development of their faculty members.

MoU signed with the Sri Lanka Foundation for professional master’s degree programs; executive education training programmes; executive education international symposium, seminars and conference; capacity development international exposure visits; executive education certificate and diploma courses.

SWEDEN

Amendment signed with Swedish International Development Agency (SIDA) on the support to capacity building for Sustainable Development through Higher Education & Training in Cambodia, Lao PDR, Vietnam & Myanmar for scholarship and bridging programme.

THAILAND

MoU signed with United Nations Environment Programme (UNEP). Regional Resource Center for Asia and the Pacific (RRC-AP) on support for the delivery of UNEP’s Medium Term Strategy 2010-2013 (MTS); implement the Bali Strategic Plan on Technology Transfer and Capacity building; support for AIT’s applied research agenda for climate change adaptation and mitigation in the region; carry-out applied research and capacity building; organize joint workshops and conferences.

Partnership agreement signed with Anti-Global Warming Foundation to jointly develop and conduct studies and programmes in the areas of sustainable urbanization and environmental technology.

Partnership agreement signed with Center of Excellence Building and Environmental Technology of Faculty of Architecture, Chulalongkorn University to develop policies and climate change adaptation and mitigation and disaster risk reduction that are applicable in the context of the Asia-Pacific region.

MoU signed with Nakhon Nayok Province to support the implementation of the “Smart Province System” by carrying out joint activities in research and development projects; human and institutional capacity building; exchange visits of faculty and administrative staff members; joint workshops, seminars, conference and exhibitions.

LoA signed with Food and Agriculture Organization (FAO) for execution of a campaign on “Save Food Asia and the Pacific”.

UNITED STATES OF AMERICA

MoU signed with Oregon State University for exchange of faculty, joint research activities, participation in seminars and academic meetings, exchange of academic materials and other information, special short-term academic programs, student exchange for research and study.

MoU and MoA signed with Colorado State University for joint research projects.

VIETNAM

MoA signed with Ho Chi Minh City University of Architecture (HCMUARC) for Professional Master’s Program in Urban Management (PM-UM).

MoU signed with Binh Duong Economics & Technology University (BDKT) for joint research and training between the two institutes.

MoU signed with Duy Tan University for joint post-graduate training programs in engineering, technology, and management for professionals.

Ongoing Partnerships and New Initiatives

S.No	Particulars	New Initiatives
1.	NMFA for Myanmar candidates	NMFA will be providing minimum 120 scholarships to qualified Myanmar candidates to study at AIT during the 2012-2014 period (40 scholarships each batch) to get a master's degree
2.	MoA with ITS, Indonesia	ITS, Indonesia started to send students under DIKTI scholarship for dual master's degrees.
3.	Japan Government Approved Annual Contribution for FY 2012 worth US\$ 153,594.	Increased the annual contribution than last year Scholarship Grants and Operating Grants for Gender and Development Studies
4.	Contract with the Ministry of Higher Education, Afghanistan signed for 15 scholarships for Afghan nationals through World Bank Fund	A contract worth US\$ 772,577 signed for 15 master's programs. MoHE sent 15 students under this agreement in 2012.
5.	MoU with Pakistan Government and HEC	New collaborative partnerships reviewed with Ministry of Water and Power, WAPDA and HEC for students undertaking Master's, PhD. and short course at AIT
6.	Erasmus Mundus (EU Mobility Programs)	<p>Erasmus Mundus Action 1.a – Joint Masters Programmes in which the students can follow part of their studies in different universities including Asian universities for internship:</p> <ul style="list-style-type: none"> ▶ European Master Advanced Robotics Program (EMARO) coordinated by Ecole Centrale de Nantes, France ▶ MIND Master's programme in Industrial Ecology, coordinated by U. of Graz - Austria <p>Erasmus Mundus Action 1.b – Joint Doctorates in which the students can follow part of their studies in different universities including Asian universities for internship:</p> <p>ETeCoS3, Environmental Technologies for Contaminated Solids, Soils and Sediments coordinated by UNICAS, Italy</p> <p>Erasmus Mundus Action 2 – Mobility Partnerships between a European and an Asian Consortium:</p> <ul style="list-style-type: none"> ▶ EM EuroAsia by U. of Boras (Sweden) ▶ Bridging the Gap coordinated by U. of Trento (Italy) ▶ EM EMMA coordinated by U. of Nice (France) ▶ EM MAHEVA coordinated by U. of Montpellier 2 (France) <p>Erasmus Mundus Action 3 – Attractiveness projects:</p> <p>EACOVIOE (Enhance the Attractiveness of Computer Vision and Robotics in Europe), coordinated by U. of Burgundy (France)</p> <p>PANACEA Project</p> <p>15-July-2012 to 14-July-2016 Agreement 2011- 2014</p>
7.	FAO Regional Office for the Asia-Pacific (FAO-RAP)	Signed agreement with the FAO Regional Office for Asia and the Pacific (FAO-RAP) to collaboratively implement a region-wide campaign across Asia and the Pacific, under the banner "Save Food Asia and the Pacific" or "Save Food AP". This Campaign seeks to raise awareness about the high levels of food losses across the region, and the growing problem of food waste, and particularly table waste in the region. The Campaign will also seek to advocate for actions at the regional level to address these critical issues as a measure to make progress towards improving food security in the region and meeting the Millennium Development Goal 1 (MDG1)
8.	UNEP Regional Office for Asia and the Pacific (ROAP) Compliance Assistance Programme (CAP)	Signed agreement with UNEP Regional Office for Asia and the Pacific (ROAP) for Compliance Assistance Programme (CAP) project/programme entitled "Capacity building for different sectors/stakeholders" in climate change.

AWARDS AND RECOGNITION

FACULTY / STAFF

School of Engineering & Technology

1. **Dr. Teerapat Sanguankotchakorn**, Associate Professor, Telecommunications field of study, School of Engineering and Technology, was appointed as a member of the National Digital Terrestrial Television and Digital Audio Broadcasting Policy and Planning Commission on 8th February 2012 by the National Broadcasting and Telecommunication Commission (NBTC) of Thailand.
2. **Dr. Kunnawee Kanitpong** from Transportation Engineering (TRE); Dr. Matthew Dailey from Computer Science and Information Management (CSIM); Dr. Pisut Koomsap from Design and Manufacturing Engineering (DME) were promoted from the rank of Assistant Professor to Associate Professor in recognition of their significant contributions to their respective fields in 2012.
3. **Dr. Mukund Singh Babel** and **Dr. Sumanta Guha** were promoted from Associate Professor to the rank of Full Professor in recognition of their significant professional contributions to their fields.

School of Environment, Resources and Development (SERD)

1. **Prof. Chettiyappan Visvanathan** from the Environmental Engineering and Management (EEM) field of study at AIT's School of Environment, Resources and Development (SERD), was featured prominently in the magazine Asian Water. The magazine quoted Prof. Visvanathan extensively in its four-page feature on Bangkok's water problems. Written by Mr. Maher Sattar, the article cited rapid urbanization, high Non-Revenue Water (NRW), untreated wastewater, and salinization of waterways as the main problems in Bangkok, which impacted water issues in the metropolis.
2. **Professor N. T. Kim Oanh** from the Environmental Engineering and Management (EEM) field of study, School of Environment, Resources and Development (SERD) co-authored an article "Simultaneously Mitigating Near-Term Climate Change and Improving Human Health and Food Security" which appeared in the Science Magazine.
3. **Professor N. T. Kim Oanh** and team's project proposal titled "Assessment of impacts of the emission reduction measures of short-lived climate forces on air quality and climate in Southeast Asia" was selected for funding by PEER (USAID). This was one of 41 selected from among the 488 applications submitted. The project would have partners from Indonesia, Vietnam and the US with a total funding support of 298,560 USD for 3 years.
4. **Professor N. T. Kim Oanh** of the Environmental Engineering and Management (EEM) field of study, School of Environment, Resources and Development (SERD), published a book titled "Integrated air quality management: Asian case studies". The book had been published by the CRC Press (USA), and it reported some of the major results of AIT research cooperation in Asia. AIT members from air quality research group served as the first authors and co-authors of 11 out of 16 chapters. Prof. Oanh was the editor of the book. According to Prof. Oanh, the publication presented an integrated air quality management methodology that employed technical and policy tools to achieve air quality goals. It included technical information and policy recommendations based on the outcomes of several multi-year air quality research programs coordinated by AIT.
5. **Dr. Mokbul Morshed Ahmad**, Associate Professor in AIT's School of Environment, Resources and Development (SERD), contributed a book chapter titled "Roots of Funding, Roots of Trust: The Struggle for Survival and credibility among the Religious NGOs in Bangladesh" in the book "Financial Cooperatives and Local Development." Published by Routledge, the book examined the opportunities opened up for financial cooperatives by the recent financial crisis, and explored the role of these institutions in promoting and sustaining local development.
6. **Dr. Peeyush Soni**, ABM Coordinator in Agricultural Systems and Engineering field of study/SERD successfully received a research grant from John Deere India Pvt. Ltd. The project titled "Development of an Instrumentation and Data Acquisition system for Agriculture Tractor" was for a duration of 1 year from 1 February 2012 and had a budget of THB 1,941,360. The project aimed to develop and calibrate a suitable instrumentation and data acquisition system for monitoring tractive performance of an agricultural tractor.
7. A book titled "Mainstreaming Human Security: Asian Perspectives" edited by a team including **Dr. Philippe Doney**s of the Gender and Development Studies (GDS) field of study at AIT's School of Environment, Resources and Development (SERD) was released in July 2012. Spanning 17 chapters, the book contained theoretical discussions and case studies from Asia. The book envisaged a human security framework interpreted and situated in the Asian context. It examined how the concept, as defined by the UN Commissioners, had been integrated into existing structures of governance in the Asian Region. One of the chapters on Timor Leste was written by a recent GDS doctoral graduate, Dr. Gabrielle Eva Carol Groves.
8. Natural Resources Management field of study's **Dr. Clemens Grunbuhel** made a mark in academic circles by contributing to the Asia-Pacific Human Development Report 2012, published by the United Nations Development Programme (UNDP). Dr. Grunbuhel was

one of the principal contributors of technical background papers. The publication released in May 2012 was aimed at reinvigorating climate change dialogue by bringing people's concerns into the fore ahead of the Rio +20 Conference. Dr. Clemens Grunbuhel contributed thematic case studies on Ganges-Brahmaputra and Mekong River delta regions.

9. **Dr. Kyoko Kusakabe** of Gender and Development Studies, School of Environment, Resources and Development, contributed to the field of gender studies in Asia with the release of two publications. Dr. Kusakabe co-authored one book titled 'Thailand's Hidden Workforce: Burmese Migrant Women Factory Workers' and edited another titled 'Gender, Roads and Mobility in Asia.' Both works had received considerable favorable reviews from experts in academia, nongovernmental organizations and the media.
10. **Professor C. Visvanathan**, from the Environmental Engineering and Management (EEM) program, School of Environment, Resources and Development (SERD) received a significant number of equipment on a loan basis from the University of Tokyo, through the kind support of former Japanese seconded faculty Dr. Ken Fukushi. The total cost of the first segment of this equipment was around 300,000 Thai Baht, which would mainly be used for the joint graduate research projects conducted between Professor Visu and Dr. Fukushi's team at the University of Tokyo. As part of his research collaboration activities with the University of Tokyo, Professor Visu was involved in preparing a proposal on the "Development of an Interdisciplinary Consortium on Urban Environment and Health in Asia", in which AIT was included as the only international institute as part of the Consortium. The proposal had been approved by the University of Tokyo and had been duly submitted to the Office of the Japan Society for the Promotion of Science. The project was being envisaged under the Japan-ASEAN University Network and other partners would include the University of Indonesia, Padjadjaran University, Indonesia, Chulalongkorn University, Mahidol University and Thammasat University, Thailand aside from AIT.
11. **Dr. Shobhakar Dhakal**, Associate Professor, Energy Field of Study, SERD, was invited to serve as a Member of the Steering Committee for the Second Assessment Report on Climate Change and Cities (ARC3-2) planned by the Urban Climate Change Research Network (UCCRN). The assessment report was expected to be completed in 2015. The UCCRN is a group of more than 300 researchers around the world to enhance science based decision making on climate and related sustainability issues in cities, and its secretariat is hosted by Columbia University in New York.
12. **Dr. Anil Kumar Anal** along with the researchers from Riddet Institute, Massey University, New Zealand had submitted a US Patent (US Patent number 13/088,165) entitled "Encapsulation System for Protection of Probiotics during Processing". The technology was adopted for "Functional Beverage Formulation" by Pepsi Co. Inc. Ltd, USA.

Dr. Anil also secured a Research Grant (300 million Indonesian Rupiah equivalent to about US\$ 33,000 for three years) under the Scheme of "International Collaboration Research Award" from Jenderal Soedirman University, Indonesia. The research theme was "The Effect of Shrimp Waste Fermented Production the Growth and Disease Protection of Rice and Chilli". The research grant was mainly provided for laboratory based experiments in AIT and University of Soedirman and the mobility of the researchers. The MoU and MoA between AIT and Jenderal Soedirman University had been initiated after this initiative and was being finalized.
13. **Dr. Kyoko Kusakabe** featured on two regional TV programs. In August 2012, two ASEAN TV programs—"Inside Asia" and "Book Case" interviewed AIT Dr. Kyoko Kusakabe in relation to her two book releases titled Thailand's Hidden Workforce: Burmese Migrant Women Factory Workers, a book she co-authored, and Gender, Roads and Mobility in Asia, a scholarly publication she edited. On "Inside Asia" Dr. Kusakabe expressed her views on gender issues in Asia and Thailand. Interviewed by Thai journalist Manote Thripati for "Book Case", Dr. Kusakabe shared her experiences of researching the issue of Myanmar migrant women working in Thai factories, and explained their difficult plight. The Nation also featured Dr. Kyoko Kusakabe's new book Thailand's Hidden Workforce: Burmese Migrant Women Factory Workers. Thailand's The Nation newspaper had featured the book in an XP Section (Life Section) full front-page profile article published on Monday, September 17, 2012 titled "Pricing Exploitation".
14. **Dr. Abha Mishra's** (Senior Research Specialist, ASE-SERD) publication, which she co-authored with Prof. V. M. Salokhe, was selected for the Best Paper Award 2012 by the International Society of Paddy and Water Environment Engineering (PAWEES, pawees.net). The Awards are given to authors for an original article of extraordinary significance published on the Paddy and Water Environment in the twelve-month period ending with February of the year preceding the year of award.

STUDENTS

School of Engineering & Technology

1. AIT's team of student robotics engineers were crowned champion at a Thailand-wide university competition for engineering automated, self-navigating bicycles. The "MECHA BIKE" Team of AIT students Rewat Bunchan, M.Eng, and Surachat Chantarachit, D.Eng., from the Mechatronics field of study, won the first-place at the 2nd Annual BicyRobo Thailand Championship.
2. Muhammad Shahzad Sarfraz (PhD Scholar), Miss Huma Shahzada (Alumni AIT) and AIT faculty member Dr. Nitin K. Tripathi won the Best Paper Presentation award at "The 1st International Conference on Health Science Thai Traditional and Alternative Medicine: ICHTAM" organized by WHO/SEARO, Ministry of Public Health Thailand, The Royal Institute and the Mahasarakham University
3. Mr. Ashik Rajbhandari of Remote Sensing and Geographic Information Systems impressed the Asia Pacific Networking Group (APNG) community and was awarded the runner-up prize for best research presentation at 14th APNG Camp held in Seoul, South Korea. His research topic was "Geo Mapping of Disaster Information Using Ontology".
4. Mr. Le Anh Tuan, a Masters student in the Geo-exploration & Petroleum Geoengineering program at AIT Center in Vietnam, and also a staff of NOEX (JX Nippon Oil & Gas Exploration Corp.) was awarded "The Excellent Student Presentation Award" at the recent KSEG International Symposium on "Geophysics for Discovery and Exploration", September 19 ~ 21, 2012, ICC, Jeju Island, Republic of Korea. The presented technical paper entitled: "Assessment of the Effect of Gas Saturation on Seismic Data Using 2D AVO Forward Modeling" is also the Research Study under supervision of AIT faculty member Dr. P. H. Giao.

School of Environment, Resources and Development (SERD)

1. Mr. Peter Emmanuel Coockey, a master's student from Nigeria, in the Environmental Engineering and Management field of study, SERD, was elected as a Member of the Steering Committee for the Middle, Northern and West Africa seat of the Water Supply and Sanitation Collaborative Council (WSSCC), which is based in Geneva. Mr. Coockey was a Lecturer at the Rivers State College of Health Science and Technology, Nigeria.
2. Four students of AIT's Pulp and Paper Technology (PPT) field of study had been hosted by Canada's University of British Columbia (UBC) following the inundation of AIT in the Great Thailand Flood of 2011. Ms. Pattira Pattarasopachai, Mr. Zulfauzein Nadra, Mr. Dimas Dwi Prasetyo Nugroho, and Ms. Sri Wahdini Rahmi were welcomed by UBC to continue with their research work. Learning about the conditions at AIT, UBC offered to host the students. UBC had also provided a grant of \$(CAN) 5,500 per student to cover travel and other living expenses. The students were not required to pay tuition fee at UBC, since they were working on their research and thesis.
3. CIRAD granted support to Ms. Pakamas Sreejariya, PhD student in the Aquaculture and Aquatic Resources Management field of study, to conduct research experiments in la Réunion for a duration of 3 months in 2012 at ARDA. AIT had signed a MoU in October 2011 with the University of La Réunion in a common wish to enhance the cooperation between the respective regions.

Graduation Prize/Award Recipients in 2012 in recognition of their most outstanding academic performance

- ▶ **Ms. Adelina Proboyo**
The Shoichiro Toyoda Prize, School of Management (female)
- ▶ **Mr. Anish Ghimire**
The Chongrak Polprasert Prize, Water & Wastewater Engineering
- ▶ **Mr. Aurosree Biswas**
The Yoshiro Takasaki Prize, Energy
- ▶ **Mr. Barun Ghimire**
The Sandeep Kalita Memorial Prize, School of Management (most helpful & supportive)
- ▶ **Mr. Basanta Raj Onta**
The Hisamatsu Prize, Computer Science
- ▶ **Ms. Bibhuti Sharma**
The Barbara and John Hugh Jones Prize, Transportation Engineering
- ▶ **Ms. Bidushi Barua**
The A B Sharma Memorial Prize, Information & Communications Technologies and Telecommunications
- ▶ **Mr. Charusluk Viphavakit**
The Indah Water Konsortium Prize, Nanotechnology
The Hiromichi Seya Prize, School of Engineering & Technology (female)
- ▶ **Mr. Chirakiat Saithong**
The Tim Kendall Memorial Prize, Industrial & Manufacturing Engineering

- ▶ **Mr. Ekendra Lamsal**
The Aoyagi Prize, Information & Communication Technologies
- ▶ **Mr. Gusman**
The James A. Linen III Memorial Prize, Pulp & Paper Technology
- ▶ **Ms. Karishma Wasti**
The James A. Linen III Memorial Prize, Regional & Rural Development Planning
The Yoh Kurosawa Prize, School of Environment, Resources & Development (female)
- ▶ **Ms. Kelly Elizabeth Franklin**
The C. Kwei Lin Prize, Aquaculture & Aquatic Resources Management
- ▶ **Mr. Jedsada Ketheng**
The C. Kwei Lin Prize, Aquaculture & Aquatic Resources Management
- ▶ **Ms. Jintana Jaithiang**
The Mahadeo N. Salokhe Memorial Prize, Agribusiness Management
The Yoh Kurosawa Prize, School of Environment, Resources & Development (female)
- ▶ **Ms. Lakshika Prabodini Semasinghe**
The Wireless Personal Multimedia Communications (WPMC) Prize, Telecommunications (Wireless Multimedia)
The Hiromichi Seya Prize, School of Engineering & Technology (female)
- ▶ **Mr. Lau Chee Wai**
The Thyssen Budd Automotive Prize, Executive MBA Program, School of Management
- ▶ **Mr. Lwin Maung Maung Swe**
The Tim Kendall Memorial Prize, Natural Resources Management
The AIT Alumni Association Prize, School of Environment, Resources & Development
- ▶ **Mr. Mohammad Badrul Masud**
The Y.Y. Kishida Prize, Agricultural Systems & Engineering
- ▶ **Mr. Rathachai Chawuthai**
The James A. Linen III Memorial Prize, Information Management
- ▶ **Ms. Nguyen Phouc Ngoc Ha**
The John A. Hrones Prize, Urban Environmental Management
- ▶ **Mr. Nirakar Pradhan**
The Robert B. Banks Prize, Environmental Engineering & Management
- ▶ **Ms. Olga Cordon Girones**
The Alastair M. North Prize, Gender & Development Studies
- ▶ **Mr. Pankaj Jain**
The AIT Alumni Association Prize, School of Management
- ▶ **Mr. Rajapaksha Wathagedara Randil Lalinda Gajasinghe**
The Infineon Prize, Microelectronics & Embedded Systems
- ▶ **Mr. Ranjeet Sandeep Pundlik**
The Mahesh Varma Prize, Construction, Engineering & Infrastructure Management
- ▶ **Mr. Rathachai Chawuthai**
The James A. Linen III Memorial Prize, Information Management
- ▶ **Mr. Ratthaphong Meesit**
The Barbara and John Hugh Jones Prize, Transportation Engineering
- ▶ **Mr. Senjam Romero Singh**
The Mahesh Varma Prize, Construction, Engineering & Infrastructure Management
- ▶ **Ms. Shruti**
The Hisamatsu Prize, Food Engineering & Bioprocess Technology
The Yoh Kurosawa Prize, School of Environment, Resources & Development (female)
- ▶ **Mr. Suchet Rinsurongkawong**
The Werner Von Siemens Excellence Award, Mechatronics
- ▶ **Mr. Supun Chamara Jayasinghe**
The Wen-Jei Yang Prize, Structural Engineering
The AIT Alumni Association Prize, School of Engineering & Technology
- ▶ **Mr. Sutthipat Phummanee**
The Chin Fung Kee Prize, Geotechnical & Geoenvironmental Engineering
- ▶ **Mr. Taweesak Paepimparath**
Wilhelm Hill Prize, MBA, School of Management
- ▶ **Mr. Vaibhav Katiyar**
The John A. Hrones Prize, Remote Sensing & Geographic Information Systems
- ▶ **Mr. Viney Hora**
The Thyssen Budd Automotive Prize, Executive MBA Program, School of Management

ALUMNI

School of Engineering & Technology

Distinguished AIT alumnus **Dr. Prasarn Trairatvorakul** was appointed the Governor of the Bank of Thailand, and was named as Thailand's "Financier of the Year 2012" in their latest issue of the Thai-language Money & Banking Magazine (December 2012). Dr. Prasarn obtained his M. Eng. in Industrial Engineering and Management from AIT in 1976.

School of Environment, Resources and Development (SERD)

1. AIT alumnus **Dr. Qwanruedee Chotichanathawewong**, who graduated from Energy field of study, had been appointed President of Thailand Environment Institute (TEI), starting in January 2012. Dr. Qwanruedee studied at AIT from 1988-1991 earning a Doctor of Engineering (DEng) degree.
2. SERD alumnus from Nepal **Mr. Kosh Raj Onta** was appointed as new Chief of Armed Police Force (APF). He graduated in 1996 with a Master's in Science (M.Sc.) in Urban Development Planning and Environment Management from the School of Environment, Resources and Development (SERD).
3. AIT alumna from Vietnam **Ms. To Thi Thuy Hang** was appointed as the Deputy Resident Representative (Operations), UNDP Myanmar. Ms. To Thi Thuy Hang received her Master of Science degree in Environmental Engineering from AIT in 1991.
4. AIT alumnus **Dr. Anusorn Saengnimnual** (M. Eng. in Environmental Engineering, 1980) received the Asian Corporate Director 2012 award for the second consecutive year as part of the Asian Corporate Director Recognition Awards.
5. Among the touching stories in AIT's post-flood recovery was one on 18 July 2012, when a proud mother of an AIT alumnus arrived at the AIT campus with a 100,000 THB donation to help the Institute. **Ms. Chomchai Morya**, mother of **Mr. Kewin Morya**, a graduate from Energy Technology (1998) who is currently working in Brunei, made the donation on behalf of her son to give to his alma mater. "I asked my son to do something for AIT," the proud mother recalled. The Institute needed help and it was time to take action, she averred. Mr. Kewin, who, too, had been thinking about AIT, expressed his gratitude to his alma mater crediting it for his successful career. "I do not want my school to be forgotten," the son told his parents as he pledged a donation.
6. An alumna of AIT, **Ms. Panita Kambhu Na Ayutthaya**, was appointed Permanent Secretary in the Ministry of Education, Royal Thai Government. Ms. Panita graduated from AIT in 1986 with a M.Sc. in Human Settlements and Development from the School of Environment, Resources and Development (SERD). She studied Archaeology in her Bachelor's degree from Silpakorn University, graduating in 1977. She also attended the National Defense College of Thailand in 2004. Her appointment as Permanent Secretary for Education was approved by the cabinet of the Royal Thai Government and the appointment was effective from 1 October 2012.



APPENDICES

FINANCIAL STATEMENT AND AUDITOR'S REPORT

Independent Audit's Report

To the Board of Trustees of Asian Institute of Technology

I have audited the accompanying financial statements of Asian Institute of Technology, which comprise the statement of financial position as at 31 December 2012, the statements of revenues and expenses, changes in fund balances and cash flows for the year then ended, and a summary of significant accounting policies and other explanatory notes.

Management's Responsibility for the Financial Statements

Organization's management is responsible for the preparation and fair presentation of these financial statements in accordance with the Thai Financial Reporting Standard for Non-Publicly Accountable Entities, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

My responsibility is to express an opinion on these financial statements based on my audit. I conducted my audit in accordance with Thai Standards on Auditing. Those standards require that I comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my audit opinion.

Opinion

In my opinion, the financial statements referred to above present fairly, in all material respects, the financial position as at 31 December 2012, and the financial performance and cash flows for the year then ended of Asian Institute of Technology in accordance with the Thai Financial Reporting Standard for Non-Publicly Accountable Entities.

(Bongkot Amsageam)

Certified Public Accountant

Registration No. 3684

KPMG Phoomchai Audit Ltd.

Bangkok

31 May 2013

31 December

Note	2012	2011
	(in Baht)	

STATEMENTS OF FINANCIAL POSITION**ASSETS****Current assets**

Cash and cash equivalents	5	288,841,248	379,939,927
Current investments	6	394,505,806	391,839,305
Accounts receivable	7	165,130,721	126,467,114
Receivables from Program fund		37,562,675	40,571,324
Assets held on behalf of donors	11	249,853,934	258,298,311
Assets held on behalf of UNEP RRC.AP	12	104,255,691	162,413,482
Other current assets		266,945,777	31,756,771
Total current assets		1,507,095,852	1,391,286,234

Non-current assets

Restricted deposits of financial institutions	6	15,050,000	15,050,000
Property and equipment	8	624,336,771	483,541,715
Advance deposits		624	14,492
Total non-current assets		639,387,395	498,606,207
Total assets		2,146,483,247	1,889,892,441

LIABILITIES AND FUND BALANCES**Current liabilities**

Accounts payable and accrued expenses	9	214,396,525	244,556,681
Advances from Program fund		185,391,975	110,733,165
Deposit payables		4,808,438	5,855,481
Amounts due to donors	11	249,853,934	258,298,311
Amounts due to UNEP RRC.AP	12	104,255,691	162,413,482
Total current liabilities		758,706,563	781,857,120

Non-current liabilities

Employee benefit obligations	10	25,955,149	29,613,219
Total non-current liabilities		25,955,149	29,613,219

Total liabilities		784,661,712	811,470,339
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Fund balances

Endowment fund balances		136,654,769	163,775,074
Capital fund balances		812,867,656	483,909,180
General reserve		412,299,110	430,737,848
Total fund balances		1,361,821,535	1,078,422,102

Total liabilities and fund balances		2,146,483,247	1,889,892,441
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31 Decembers

	Note	2012	2011
		(in Baht)	
STATEMENTS OF REVENUES AND EXPENSES			
Income			
Tuition and other fees		475,149,593	527,567,935
Research grants and contract service income		238,221,875	53,987,003
Support operations		96,337,193	146,347,910
Training		215,561,606	104,905,697
Other contributions		13,550,762	15,296,838
Faculty secondments		36,746,831	36,940,571
Total income		1,075,567,860	885,045,954
Expenses			
Salaries and benefits	13	432,529,781	422,775,255
Materials, supplies and services		385,449,471	201,617,811
Contracted services		250,604,502	201,326,503
Communication and travel		62,303,382	36,514,059
Utilities and insurance		53,754,807	40,673,774
Faculty secondments		36,746,831	36,940,571
Total expenses		1,221,388,774	939,847,973
Income under expenses		-145,820,914	-54,802,019
Depreciation	8	51,319,498	61,304,325
Income under expenses including depreciation		-197,140,412	-116,106,344
Non operating expenses			
Investment income		25,742,824	31,430,491
Other income (expenses)	3	440,326,717	-169,978,191
Gain (loss) on exchange rate		1,801,191	-4,705,224
Gain on disposal of assets		4,687,608	.
Income over (under) expenses		275,417,928	-259,359,268

		31 Decembers	
Note	2012	2011	
(in Baht)			
STATEMENTS OF CASH FLOWS			
Cash flows from operating activities			
		1,078,422,102	1,323,204,059
		1,361,821,535	1,078,422,102
		283,399,433	-244,781,957
Adjustments to reconcile movement of fund balances			
	7	4,004,739	-20,276,854
		-	52,051,993
		-4,687,608	-84,644
		-	170,060,302
		51,319,498	61,304,325
		5,226,145	-13,476,903
		-	29,613,219
		339,262,207	34,409,481
Changes in operating assets and liabilities:			
		-44,591,031	-17,381,433
		3,008,649	-21,488,011
		-235,189,006	-27,792,931
		13,868	28,873
		-30,160,156	106,315,650
		74,658,810	-7,151,123
		-1,047,043	75,353
		-3,658,070	-
		102,298,228	67,015,859
Cash flows from investing activities			
		-2,666,501	27,375,480
		-	367,333
		-192,603,490	-67,504,398
		5,176,545	5,223,741
		-190,093,446	-34,537,844
		32,478,015	(255,065,681)
		379,939,927	336,142,199
		-	-
		-3,303,461	11,319,713
	5	288,841,248	379,939,927

Note	Unrestricted Current fund	Unrestricted fund-General	Restricted funds		Unrestricted fund-Integrated facility management	Restricted general reserve	Capital funds		Agency fund	Total	
			Endowment fund	Sponsored Program fund			Property and equipment			31 December 2012	31 December 2011
(in Baht)											
STATEMENTS OF FINANCIAL POSITION											
Assets											
<i>Current assets</i>											
5	52,155,789	(61,205,633)	(343,196)	4,601,372	(5,284,230)	232,123,636	66,793,510	-	-	288,841,248	379,939,927
6	18,414,280	61,930,438	135,697,629	82,632,302	-	95,831,157	-	-	-	394,505,806	391,839,305
7	41,353,979	5,897,594	-	112,591,535	5,287,613	-	-	-	-	165,130,721	126,467,114
11	-	-	-	37,562,675	-	-	-	-	-	37,562,675	40,571,324
12	-	-	-	-	-	-	-	249,853,934	-	249,853,934	258,298,311
	9,808,663	2,267,788	1,342,775	17,331,311	12,931,462	84,344,317	138,919,461	104,255,691	-	104,255,691	162,413,482
Total current assets	121,732,711	8,890,187	136,697,208	254,719,195	12,934,845	412,299,110	205,712,971	354,109,625	1,507,095,852	1,391,286,234	
<i>Non-current assets</i>											
6	-	-	-	15,050,000	-	-	-	-	-	15,050,000	15,050,000
8	-	-	-	-	-	-	624,336,771	-	-	624,336,771	483,541,715
	624	-	-	-	-	-	-	-	-	624	14,492
	14,492	-	-	15,050,000	-	-	483,541,715	-	-	498,606,207	
Total assets	121,733,335	8,890,187	136,697,208	269,769,195	12,934,845	412,299,110	830,049,742	354,109,625	2,146,483,247	1,889,892,441	
Liabilities and fund balances											
<i>Current liabilities</i>											
9	96,456,412	5,837,822	42,439	84,377,220	10,500,546	-	17,182,086	-	-	214,396,525	244,556,681
	-	-	-	185,391,975	-	-	-	-	-	185,391,975	110,733,165
	1,053,833	1,320,306	-	-	2,434,299	-	-	-	-	4,808,438	5,855,481
11	-	-	-	-	-	-	-	249,853,934	-	249,853,934	258,298,311
12	-	-	-	-	-	-	-	104,255,691	-	104,255,691	162,413,482
Total current liabilities	97,510,245	7,158,128	42,439	269,769,195	12,934,845	-	17,182,086	354,109,625	758,706,563	781,857,120	
<i>Non-Current liabilities</i>											
10	24,223,090	1,732,059	-	-	-	-	-	-	-	25,955,149	29,613,219
Total liabilities	121,733,335	8,890,187	42,439	269,769,195	12,934,845	-	17,182,086	354,109,625	784,661,712	811,470,339	
<i>Fund balances</i>											
	-	-	136,654,769	-	-	-	-	-	-	136,654,769	163,775,074
	-	-	-	-	-	812,867,656	-	-	-	812,867,656	483,909,180
	-	-	-	-	-	412,299,110	-	-	-	412,299,110	430,737,848
Total fund balances	-	-	136,654,769	-	-	412,299,110	812,867,656	-	-	1,361,821,535	1,078,422,102
Total liabilities and fund balances	121,733,335	8,890,187	136,697,208	269,769,195	12,934,845	412,299,110	830,049,742	354,109,625	2,146,483,247	1,889,892,441	

Note	Unrestricted fund		Unrestricted fund-General		Restricted funds		Unrestricted fund-Integrated facility management	Restricted general reserve	Capital funds		Total	
	Current fund		Endowment fund	Sponsored Program fund					Property and equipment		31 December 2012	31 December 2011
STATEMENTS OF REVENUES AND EXPENSES												
Income												
	332,435,731	-	-	142,713,862	-	-	-	-	-	-	475,149,593	527,567,935
	10,495,438	182,459	-	227,543,978	-	-	-	-	-	-	238,221,875	53,987,003
	2,417,530	40,410,495	-	-	53,509,168	-	-	-	-	-	96,337,193	146,347,910
	-	-	-	215,561,606	-	-	-	-	-	-	215,561,606	104,905,697
	2,031,132	4,043,446	(857,419)	4,951,468	-	-	-	-	3,382,135	-	13,550,762	15,296,838
	-	36,746,831	-	-	-	-	-	-	-	-	36,746,831	36,940,571
	347,379,831	81,383,231	(857,419)	590,770,914	53,509,168	-	3,382,135	-	1,075,567,860	885,045,954	-	-
Expenses												
13	233,236,659	28,278,603	-	168,036,981	2,977,538	-	-	-	-	-	432,529,781	422,775,255
	71,001,721	42,708,067	229,057	248,038,137	23,472,489	-	-	-	-	-	385,449,471	201,617,811
	64,418,003	5,955,717	-	78,864,982	101,365,800	-	-	-	-	-	250,604,502	201,326,503
	14,447,810	2,740,781	-	43,926,856	1,187,935	-	-	-	-	-	62,303,382	36,514,059
	1,370,526	(1,626,705)	-	3,961,459	50,049,527	-	-	-	-	-	53,754,807	40,673,774
	-	36,746,831	-	-	-	-	-	-	-	-	36,746,831	36,940,571
	384,474,719	114,803,294	229,057	542,828,415	179,053,289	-	-	-	1,221,388,774	939,847,973	-	-
	(37,094,888)	(33,420,063)	(1,086,476)	47,942,499	(125,544,121)	-	3,382,135	-	(145,820,914)	(54,802,019)	-	-
8	-	-	-	-	-	-	-	-	51,319,498	-	51,319,498	61,304,325
	(37,094,888)	(33,420,063)	(1,086,476)	47,942,499	(125,544,121)	-	(47,937,363)	-	(197,140,412)	(116,106,344)	-	-
Non operating expenses												
	14,338,699	10,208,779	122,136	-	-	1,073,210	-	-	-	-	25,742,824	31,430,491
3	-	-	-	-	-	-	440,326,717	-	-	-	440,326,717	(169,978,191)
	1,550,810	250,381	-	-	-	-	-	-	-	-	1,801,191	(4,705,224)
	-	-	-	-	-	-	4,687,608	-	-	-	4,687,608	-
	(21,205,379)	(22,960,903)	(964,340)	47,942,499	(125,544,121)	1,073,210	397,076,962	-	275,417,928	(259,359,268)	-	-

These notes form an integral part of the financial statements.

The financial statements issued for Thai statutory and regulatory reporting purposes are prepared in the Thai language. These English language financial statements have been prepared from the Thai language statutory financial statements, and were approved and authorised for issue by the President of the Institute on 31 May 2013.

1. General information

The Asian Institute of Technology, the "Institute", is a regional post-graduate institution. The Institute operates on a not-for-profit basis. The Institute is located at Km 42 Paholyothin Highway, Klong Luang, Pathumthani, 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 are prepared in accordance with the Thai Financial Reporting Standard for Non-publicly Accountable Entities (TFRS for NPAEs); guidelines promulgated by the Federation of Accounting Professions (FAP).

In addition, the Institute has complied with Thai Financial Reporting Standard for Publicly Accountable Entities as follows:

TFRS	Topic
TAS 7 (revised 2009)	Statement of Cash Flows

Statement of Cash Flows

The financial statements are prepared and presented in Thai Baht, rounded in the notes to the financial statements to the nearest thousand. They are prepared on the historical cost basis except as stated in the accounting policies.

The preparation of financial statements in conformity with TFRS for NPAEs requires management to make judgements, estimates and assumptions that affect the application of policies and reported amounts of assets, liabilities, income and expenses. Actual results may differ from estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the year in which estimates are revised and in any future periods affected.

Information about significant areas of estimation uncertainty and critical judgements in applying accounting policies that have the most significant effect on the amount recognised in the financial statements is included in the following notes:

- Note 3 Impact of severe flooding in Thailand
- Note 10 Employee benefit obligations
- Note 16 Contingent liabilities

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 a not-for-profit organisation. 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 most of the academic and administrative units of the Institute. It is available for general operating purposes without restrictions, such as might be imposed by a grant agency or donor.

Unrestricted Fund-General (Fund 21)

This fund is the operating account of support units that offer academic-related services and certain administrative functions.

Restricted Fund-Endowment Fund (Fund 22)

The Endowment fund is used where donors have stipulated, as a condition of their gift, either the principal is to be maintained inviolate and in perpetuity or used along with the income to meet the objectives of the endowment.

Restricted Fund-Sponsored Program Fund (Fund 30 and Fund 31)

The Sponsored program fund includes academic and non-academic programs. Non-academic programs is subject to restrictions by donors or other agencies limiting its use for funding specific research projects, conference, short courses, workshops or similar projects.

Unrestricted Fund-Integrated facility management (Fund 24)

This fund includes the operating account of the Institute for asset maintenance and for the provision of the Institute's non-core operations, mainly on integrated facilities management service.

Restricted Fund-General Reserve (Fund 23)

The annual surplus of the unrestricted funds and the excess of the activities under Sponsored Program fund that were completed during the year, are transferred to the General Reserve each year. General Reserve funds are held for future use.

Capital Fund-Property and equipment (Fund 41)

This fund holds the Institute's property, plant and equipment, including library books.

Agency Fund (accounted for as Fund 50 and Fund 60)

These funds are held on behalf of donors and other agencies and are disbursed in accordance with their instructions. The Institute 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. Impact of severe flooding in Thailand

The Institute's operations in Pathumthani have been affected by the unusually severe flooding affecting parts of Thailand. Operation at the Pathumthani campus stopped on 15 October 2011 and was not started until February 2012. The Institute has recognised the following expenses and insurance reimbursements resulting from the flood damage.

Year ended 31 December	2012	2011
	<i>(in thousand Baht)</i>	
Insurance reimbursements recognised	440	-
Total insurance reimbursement recognised	440	-
Other flood related expenses	-	(170)
Total flood related expenses	-	(170)
Net flood related gain (loss) recognized	440	(170)

4. Significant accounting policies

The accounting policies set out below have been applied consistently to all periods presented in these financial statements.

(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

The Branch is an autonomous or semi-autonomous operating entity within an organisation 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 into Thai Baht at the foreign exchange rates ruling at the dates of the transactions.

Monetary assets and liabilities denominated in foreign currencies at the reporting date are translated to Thai Baht at the foreign exchange rates ruling by the Bank of Thailand at that date. Foreign exchange differences arising on translation are recognised in the statement of revenues and expenses.

Non-monetary assets and liabilities measured at cost in foreign currencies are translated to Thai Baht using the foreign exchange rates ruling at the dates of the transactions.

Foreign entities

The assets and liabilities of foreign entities are translated to Thai Baht at the foreign exchange rates ruling at the reporting date.

The revenues and expenses of foreign entities are translated to Thai Baht at rates approximating the foreign exchange rates ruling at the dates of the transactions.

Foreign exchange differences arising on translation are recognised in the statement of revenues and expenses.

(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

The allowance for doubtful accounts is provided for inactive students. Bad debts are written off when incurred.

Bad debts recovered are recognised in other income in the statement of revenues and expenses.

(e) Property and equipment

Owned assets

Property and equipment are stated at cost less accumulated depreciation and losses on decline in value.

Cost includes expenditure that is directly attributable to the acquisition of the asset. The cost of self-constructed assets includes the cost of materials and direct labour, any other costs directly attributable to bringing the assets to a working condition for their intended use, the costs of dismantling and removing the items and restoring the site on which they are located and capitalised borrowing costs. Purchased software that is integral to the functionality of the related equipment is capitalised as part of that equipment.

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

When parts of an item of property and equipment have different useful lives, they are accounted for as separate items (major components) of property and equipment.

Gains and losses on disposal of an item of property and equipment are determined by comparing the proceeds from disposal with the carrying amount of equipment, and are recognised net within other income in the statements of revenues and expenses.

Subsequent costs

The cost of replacing a part of an item of property and equipment is recognised in the carrying amount of the item if it is probable that the future economic benefits embodied within the part will flow to the Institute, and its cost can be measured reliably. The carrying amount of the replaced

part is derecognised. The costs of the day-to-day servicing of property and equipment are recognised in the statements of revenues and expenses as incurred.

Depreciation

Depreciation is calculated based on the depreciable amount, which is the cost of an asset, or other amount substituted for cost, less its residual value.

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

Campus development	10 years
Building improvement	10 years
Buildings	40 years
Furniture and equipment	5,10 years
Transportation equipment	8 years
Library assets	6 years

No depreciation is provided on assets under construction.

(a) Losses on decline in value

The carrying amounts of the Institute's assets are reviewed at each reporting date to determine whether there is any indication of a permanent decline in value. If any such indication exists, the assets' recoverable amounts are estimated. A loss on decline in value is recognised in the statements of revenues and expenses.

(b) Payables

Payables are stated at cost.

(c) Provisions

A provision is recognised if, as a result of a past event, the Institute has a present legal or constructive obligation that can be estimated reliably, and it is probable that an outflow of economic benefits will be required to settle the obligation. Provisions are determined by the best estimate method.

Employee benefits

Obligations for retired benefits and other long-term employee benefits are recognised using the best estimate method at the reporting date.

Defined contribution plans

Obligations for contributions to the Social Securities Fund, Provident Fund and Insured Saving Fund are recognised as expenses in the statement of revenues and expenses as incurred.

(d) Revenue

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

Tuition and other fees

Tuition and other fees are recognised on an accrual basis.

Research Grant and Contract service income

Research grant and contract service income received from Donors/Sponsors under Sponsored Program Fund (Fund 30) is recognised when service are rendered and projects are completed.

Support operations

Support operations are recognised as services are provided.

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 recognised on a cash basis.

Contribution in kind (Faculty secondments)

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 recognised as revenues and expenses in the unrestricted general fund.

Investment income

Investment income is recognised on an accrual basis.

(e) Expenses

Lease payments

Payments made under operating leases are recognised in the statement of income on a straight line basis over the term of the lease.

Contingent lease payments are accounted for by revising the minimum lease payments over the remaining term of the lease when the lease adjustment is confirmed.

(f) 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).

Except for services rendered by the Conference Center, the Institute has been exempted from Value Added Tax (VAT), under Section 4(4) of the Royal Decree issued under the Revenue Code governing exemption from Value Added Tax (No. 239), B.E. 2534 which was additionally amended under the Royal Decree (No. 254) B.E. 2535.

5. Cash and cash equivalents

	2012	2011
	<i>(in thousand Baht)</i>	
Bank accounts	62,475	369,363
Fixed deposits with maturity three months or less	226,366	10,577
Total	288,841	379,940

6. Current investments

	2012	2011
	<i>(in thousand Baht)</i>	
Fixed deposits with maturity more than three months	409,556	406,889
Less Deposits pledged as collateral	(15,050)	(15,050)
Net	394,506	391,839

As at 31 December 2012, fixed deposits of Baht 15.1 million (2011: Baht 15.1 million) were pledged as collateral for bank overdraft and outstanding letters of guarantee issued by the same bank (see note 15).

7. Accounts receivable

	2012	2011
	<i>(in thousand Baht)</i>	
Tuition and other fees	97,755	79,791
Others	71,381	46,676
	169,136	126,467
Less allowance for doubtful accounts	(4,005)	-
Net	165,131	126,467
Bad and doubtful debts expenses for the year	4,005	-

8. Property and equipment

	Campus development	Building and building improvement	Furniture and equipment	Transportation equipment	Library assets	Assets under construction	Total
	<i>(in thousand Baht)</i>						
Cost							
At 1 January 2011	55,177	1,146,506	926,817	15,315	281,137	18,768	2,443,720
Additions	2,614	1,185	48,955	1,600	6,923	6,227	67,504
Disposals	-	(178,559)	(680,147)	(160)	(287,943)	(1,785)	(1,148,594)
Transfers	-	20,703	142	-	-	(20,845)	-
Foreign currency translation	-	114	324	84	-	-	522
At 31 December 2011 and 1 January 2012	57,791	989,949	296,091	16,839	117	2,365	1,363,152
Additions	115,005	32	59,315	-	565	17,686	192,603
Disposals	-	-	(20)	(8,080)	-	-	(8,100)
Transfers	1,508	-	970	-	(398)	(2,080)	-
Foreign currency translation	-	(119)	(487)	(58)	-	-	(664)
At 31 December 2012	174,304	989,862	355,869	8,701	284	17,971	1,546,991
Depreciation							
At 1 January 2011	47,003	624,894	851,678	11,924	260,707	-	1,796,206
Depreciation charge for the year	1,647	28,832	22,838	1,653	6,334	-	-
Disposals	-	(91,910)	(619,142)	(160)	(267,039)	-	61,304
Foreign currency translation	-	57	217	77	-	-	(978,251)
At 31 December 2011 and 1 January 2012	48,650	561,873	255,591	13,494	2	-	879,610
Depreciation charge for the year	3,521	30,113	16,050	1,537	97	-	51,318
Disposals	-	-	234	(7,465)	8	-	(7,223)
Foreign currency translation	-	(68)	(923)	(60)	-	-	(1,051)
At 31 December 2012	52,171	591,918	270,952	7,506	107	-	922,654
Net book value							
At 31 December 2011	9,141	428,076	40,500	3,345	115	2,365	483,542
At 31 December 2012	122,133	397,944	84,917	1,195	177	17,971	624,337

The gross amount of fully depreciated property and equipment that was still in use as at 31 December 2012 amounted to Baht 94 million (2011: Baht 88 million).

9. Accounts payable and accrued expenses

	2012	2011
	<i>(in thousand Baht)</i>	
Owing to suppliers	44,316	36,132
Provision for insured saving fund tax	9,365	9,365
Advance from students	27,346	33,727
Withholding tax payable	6,224	6,504
Accrued expenses	9,598	10,869
Payables to staff	49,567	22,236
Advance received from donors	1,155	983
Others	66,826	124,741
Total	214,397	244,557

10. Employee benefit obligations

	2012	2011
	<i>(in thousand Baht)</i>	
At 1 January	29,613	-
Provisions made	-	29,613
Provisions used	(2,136)	-
Provisions reversed	(1,522)	-
At 31 December	25,955	29,613
At 31 December		
Current	414	2,961
Non-current	25,541	26,652
Total	25,955	29,613

11. 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. The Institute has no title to these funds or the associated revenues and expenses. The fund balances as at 31 December 2012 and 2011 and revenues and expenses for the years then ended were as follows:

	2012	2011
	<i>(in thousand Baht)</i>	
<i>Funds received from donors</i>		
Application of funds	263,781	214,155
• Salaries and other benefits	2,941	6,032
• Scholarships	198,793	308,607
• Contracted services	45,382	44,559
• Communication, travel and utility expenses	2,609	3,371
Total funds applied	249,725	362,569
Income over (under) expenses for the year	14,056	(148,414)
<i>Assets held on behalf of donors</i>		
Cash and deposits at financial institutions	202,605	126,604
Fixed deposits	44,115	131,210
Accounts receivable and other current assets	3,134	484
Total assets held on behalf of donors	249,854	258,298
<i>Balance at 1 January:</i>		
• Amounts due to donors	224,638	371,300
• Amounts due to donors - AITCV	1,272	3,211
Deficit for the year	14,056	(148,414)
Transfers to other funds	(201)	(282)
Foreign currency translation	-	95
Balance at 31 December	239,765	225,910
Liabilities	10,089	32,388
Total amounts due to donors	249,854	258,298

12. Assets held on behalf of, and amounts due to, UNEP RRC.AP

	2012	2011
	<i>(in thousand Baht)</i>	
Funds received from UNEP RRC.AP	51,717	74,785
Total funds applied	(102,705)	(80,023)
Income under expenses for the year	(50,988)	(5,238)
<i>Assets held on behalf of UNEP RRC.AP</i>		
Cash and deposits at financial institutions	95,803	153,135
Accounts receivable	6,999	6,378
Property and equipment	1,454	2,900
Total assets held on behalf of UNEP RRC.AP	104,256	162,413
<i>Amounts due to UNEP RRC.AP</i>		
Balance at 1 January	136,412	141,650
Income under expenses for the year	(50,988)	(5,238)
Balance at 31 December	85,424	136,412
Liabilities	18,832	26,001
Total amounts due to UNEP RRC.AP	104,256	162,413

13. Employee benefit expenses

	2012	2011
	<i>(in thousand Baht)</i>	
Wages and salaries	381,706	355,809
Contribution to provident fund and insured saving fund	15,188	15,675
Personal income tax of employees	5,105	4,873
Social security costs	3,319	4,733
Other costs	27,212	41,685
Total	432,530	422,775

Provident Fund and Insured Saving Fund

The Institute and its staff jointly operate the Insured Saving Fund, a post-retirement defined contribution scheme. Effectively from 1 February 2004, a Provident Fund has replaced

the Insured Saving Fund. The Institute contributes to the fund at the rate of 10% of their basic salary, and the employees contribute to the fund at rates 3% to 10% of their basic salary. Effectively from 1 April 2006, the Institute contributes to the fund at the rate of 5% of their basic salary, and the employees contribute to the fund at rates 3% to 5% of their basic 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.

14. AIT Center in Vietnam (AITCV)

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

- Educate and train students, technocrats, business managers and other professionals; and
- Organize research outreach and development activities as well as the transfer of technologies as required by the economic development of the country.

The results of the operations which have been included as part of the results of the Unrestricted Fund - General (Fund 21), Restricted Fund - Sponsored program Fund (Fund 30), and Capital Fund (Fund 41) were summarised below:

	2012	2011
	<i>(in thousand Baht)</i>	
Income	161,695	110,613
Expenses	(136,319)	(110,817)
Income over (under) expenses	25,376	(204)

Financial statements for the years ended 31 December 2012 and 2011 have been prepared and approved by the management of the branch.

Significant accounting transactions between the Institute and its branch were eliminated from these financial statements.

15. Commitments

Land lease

The Institute successfully renewed the lease with the Thammasat University on 10 June 2005. The new lease also contains a Memorandum of Understanding between the Institute and Thammasat University, concerning academic co-operation, as an integral part of the new lease agreement to lease land for 30 years from 19 January 2001 to 18 January 2031 in the amount of Baht 600,000; on expiry of the lease agreement it will give the Institute the right to continue to lease the land. However, the consideration for this discount is that should the lease not be renewed and the land reverts to Thammasat University (University), so all buildings and infrastructure on the Institute's site will become the property of the University.

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 2012, the scholarship commitment amounted to totaling Baht 77.8 million (2011: Baht 77.8 million).

Service Agreement

On 2 April 2010, the Institute entered into agreements with Sodexo Support (Thailand) Ltd. whereby Sodexo will provide three-key areas of service line, namely 1. Facility Management included preventive and collective maintenance of academic building, residence and field zone; 2. Management of hotel service and food & beverage of AITCC, food and beverage in cafeteria; and 3. Management of the support services of transportation service, campus mail, and sport facilities. Under terms of the agreements, the Institute is committed to pay management fee, variable provision and a share of additional service fee to Sodexo, at the rates as indicated in the agreements. The term of the management agreement is for 5 years, counting from the effective date. The agreements can be extended by writing at least 8 weeks prior to the end of the initial term as specified in the said agreement.

Bank guarantees

As at 31 December 2012, bank guarantees which were issued by the bank on behalf of the Institute in respect of bank overdraft facility and certain performance bonds as required in the normal course of operations of the Institute amounted to totalling Baht 2.9 million (2011: Baht 0.7 million). These bank guarantees are collateralized by AIT's fixed deposits as discussed in note 6.

Others

As at 31 December 2012, the Institute had obtained credit facilities for bank overdraft totaling Baht 5 million (2011: Baht 5 million) which are collateralized by AIT's fixed deposits as discussed in note 6. Bank overdrafts bear interest at the rate of F/D+1.25% (2011: F/D+1.25%).

16. Contingent liabilities

Labour cases

As at 31 December 2012, there were five labour cases relating to breach of the employment contracts which were still in the process at the Supreme Court. During March 2013, one labour case has been subsequently dismissed by the Central Labour Court.

As at 31 December 2012, the provision has been set up for such two labour cases amounting to Baht 6.5 million. For other cases, the management believes that the outcome of all these cases will be in favour of the Institute and the ultimate outcome cannot be presently and reliably determined or quantified. Thus, no additional provision was recorded in the accompanying financial statements as at 31 December 2012.

Student cases

As at 31 December 2012, there were two student cases which were still pending at the Provincial court and the Court of Appeal. The management believes that the outcome of all these cases will be in favour of the Institute and the ultimate outcome cannot be presently and reliably determined or quantified. Thus, no provision was recorded in the accompanying financial statements as at 31 December 2012.

INSTITUTE ADMINISTRATION

PRESIDENT

- ▶ Professor Said Irandoust

VICE PRESIDENTS

- ▶ Professor Indra M Pandey
Academic Affairs
- ▶ Professor Sudip K. Rakshit
Research (until 30 June 2012)
- ▶ Professor Worsak Kanok-Nukulchai
Resource Development

DEANS

- ▶ Dr Barbara Igel
School of Management
- ▶ Dr Nitin V Afzulpurkar
School of Engineering & Technology
- ▶ Dr Weerakorn Ongsakul
School of Environment, Resources & Development

DIRECTORS

- ▶ Dr Amrit Bart
AIT Center in Vietnam
- ▶ Dr Jonathan L Shaw
AIT Extension and Regional Resource Centre for Asia and the Pacific (RRC-AP) (Deputy Director)
- ▶ Professor Kanchana Kanchanasut
Internet Education & Research Laboratory (intERLab)
- ▶ Dr Naveed Anwar
AIT Consulting
- ▶ Mr Sanjeev Jayasinghe
Fundraising
- ▶ Dr Sandro Calvani
ASEAN Regional Center of Excellence on Millennium Development Goals based at AIT
- ▶ Professor Ajit P. Annachhatre
AIT-United Nations Office at AIT
- ▶ Dr Riaz Rahman Khan
Yunus Center at AIT (until 6 June 2012)
- ▶ Ms Leena Wokeck
CSR (Corporate Social Responsibility) Asia Center at AIT
- ▶ Professor Gabor Louis Hornyak
Center for Learning Innovation & Quality
- ▶ Professor Dennes T Bergado
Unified Programs at AIT (until 31 January 2012)
- ▶ Dr Mukand Singh Babel
Asian Water Research and Education (AWARE) Center at AIT



FACULTY MEMBERS

HONORARY FACULTY

The Institute is deeply grateful that Her Royal Highness Princess Maha Chakri Sirindhorn has seen fit to share her expertise and experience with faculty, staff and students, as an Honorary Faculty Member. In this singular position, Her Royal Highness is associated with the Remote Sensing and Geographic Information Systems Field of Study.



Emeritus Professors

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(† 21 September 2013)
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Oo, Than Htut
IT Officer

Pomtri, Sirirug
Secretary

Posiri, Jiraporn
Secretary

Purakam, Tanisa
Administrative Secretary

Sujaritjan, Suwat
Senior Clerk

AIT Extension

Alcoba, Rowena C.
Program Officer

Alih, Faisal Mamicpic
Program Officer

Boonrit, Prinya
Technician

Brahmanage, Upul J.Kaluhetti
Senior Program Officer

Chaiyapan, Pattama
Assistant IT Officer

Chanlapa, Tharakorn
Programme Officer

Chonlasin, Voravate
Senior Program Specialist

Etea, Sufian Yusof
Program Officer

Girones, Olga Cordon
Program Specialist

Hossain, Farah Nashid
Assistant Programme Officer

Hossain, Md. Zakir
Senior Program Specialist

Hussain, Imran
Program Officer

Jamieson, Walter
Advisor to the Executive Director

Jamil, Afzal
Program Officer

Jenkarn, Viman
Technician

Jirasathitpornpong, Thaniya
Program Officer

Karazhanova, Aida
Senior Program Specialist

Karim, Fazle
Senior Program Specialist

Khunthong, Wanida
Administrative Officer

Koldolwski, John
Senior Program Specialist

Kongkerd, Nalinee
Administrative Assistant

Kuruvilla, Mathew
Program Officer

Meeto, Slanee
Administrative Officer

Mitra, Shalini
Program Officer

Muangsan, Kanlaya
Program Officer

Naveed, Shayam
Program Officer

Nuntavong, Parichad
Program Officer

Phumee, Prasobchok
Technician

Piromrak, Arjin
Administrative Officer

Ponvilai, Niramol
Senior Administrative Officer

Prajogo, Agus Susanto
Senior Program Officer

Pumsombut, Sujidtra
Program Officer

Roonjarern, Kanya
Administrative Officer

Rubinyi, Steven Louis
Program Officer

Sajor, Edsel E.
Senior Program Specialist

Sein, Myint Myint
Senior Program Officer

Shah, Faiz H.
Senior Program Specialist

Shaikh, Furqan Ali
Program Officer

Shaw, Jonathan
Executive Director

Shrestha, Bahul Raj
Program Officer

Shrestha, Sanjil
Program Officer

Sin, Phyu
Program Officer

Sitoula, Merina Lohani
Senior Program Officer

Srina, Warindhorn
Program Officer

Suklap, Nidthakant
Administrative Assistant

Sumroetrum, Worawan
Senior Program Officer

Syiem, Evanshainia
Program Officer

Tagad, Shankar Shivdas
Program Officer

Thongkham, Kluaymai
Senior Program Officer

Venkatesh, Sundar
Advisor to the Executive Director

Wangnai, Narumon
Program Specialist

AIT Consulting

Anwar, Naveed
Executive Director

Aung, Thaug Htut
Project Coordinator

Boonrod, Udom
General Helper

Cuarez, Clarisa
AITC HR Manager

Finch, Justin Arnold
Project Development Deputy Manager

Kamal, Shabana
Financial Accountant

Khancharee, Khattiyanee
Senior Graphic Designer

Manuel, Jonathan F.
Software Development Manager

Pakdisi, Rakdao
Development Officer

Thannakorn, Suradej
Assistant IT Officer

Thannakorn, Suthathip
Executive Assistant to the CEO

Waqar, Javaria
Knowledge Management Officer

ASEAN Regional Center on Millennium Development Goals

Amin, Mahbooba
Program Officer

Calvani, Sandro
Director

Corporate Social Responsibility for Asia - Center at AIT

Chidthongpan, Rangsim
Administrative Officer

Curtis, Scott Chin

Senior Fellow and Inaugural Executive-in-Residence

Nopratkhet, Ticha

Program Officer

Overall, Mia Maria Elena

Senior Advisory Services Coordinator

Pathak, Yashvi

Administrative Officer

Ratanayake, Lekha Kumuduni

Project Manager

Saengpun, Songpon

Program Officer

Slater, Alyson

Senior Associate

Thaiying, Komchai

Project Manager

Thanatrakolsri, Sirinut

Program Officer

Tin Latt, Wit Hmone

Program Manager

Wokeck, Leena

Director

Yunus Center at AIT

Khan, Riaz Rahman

Director

AIT Center in Vietnam

Bart, Amrit N.

Director

Regional Resource Center for Asia and the Pacific

Borongan, Guilberto H.

Programme Officer

Canullas, Ric Dennis A.

Senior Program Officer

Chansawang, Chantanee

Program Assistant

Hadjiyev, Batyr

Senior Program Officer

Huong, Le Thi Thu

Climate Change Adaptation Specialist

Inagaki, Hiromi

Program Assistant

Khan, Ahmed Iftekhar

Program Officer

Kim, Jihyun

Associate Program Officer

Lacoul, Manesh

Technical Advisor

Lepiten, Charina May B.

Program Officer

Liang, Li

Program Officer

Lim, Bernadeth Borleo

Associate Program Officer

Moe, Tin Aung

Head, Knowledge Support Component

Mohapatra, Pallavi

Information Technology Associate

Phusatorn, Supaporn

Administrative Associate

Rajbhandari, Purna Chandra Lall

Senior Program Officer

Raksasee, Daranee

Administrative Associate

Rakshit, Roopa

Senior Knowledge Management Officer

Ratanasawetwad, Sumana

Senior Administrative Officer

Ratanavong, Nilapha

Associate Program Officer

Rodkamnerd, Kitti

Office Assistant

Rodsum-ang, Worolac

Administrative Assistant

Roman, Adelaida R.

Senior Program Officer

Rupakheti, Maheswar

Coordinator, ABC-ASIA Secretariat

Samoylov, Grigoriy

Program Officer

Sanduijav, Bayasgalan

Senior Program Officer

Sawhney, Puja

Climate Change Adaptation Specialist

Seng Ja, Jangmaw

Program Officer

Shrestha, Shammi

Associate Program Officer

Silvestri, Marco

Associate Program Officer

Suanyam, Sirinart

Assistant Administrative Officer

Supakarn, Nawaphorn

Senior Program Officer

Verma, Ram Lal

Program Officer

Wangwongwatana, Supat

Coordinator of the Secretariat (EANET)

Yao, Dong

Senior Program Officer

Télécoms Sans Frontières

Dejdecha, Sirinchon

Administrative Officer

Latouille, Sebastien

IT Officer

Peron, Clement

Project Manager

Rebattu, Gregory

Director

Administration

ALUMNI AFFAIRS OFFICE

Hoang, Tien Le

Associate Head for Administration

Puttha, Sitahng

Administrative Officer

ALUMNI ASSOCIATION OFFICE

Ortinero, Elenita C.

Program Officer

CENTER FOR LEARNING INNOVATION AND QUALITY

Bhujel, Bal Ram

Administrative Assistant

Hornyak, Gabor Louis

Director

CONTRACT MANAGEMENT OFFICE

Chaloeyvares, Elizabeth

Manager

Jatninlapant, Teerachart

Infrastructure Facilities Manager

Kraithongsuk, Churairat

Clerk

Lamsal, Ekendra

IT Officer

Lertwinyu, Chalita

Head

Purchasing Unit

Dherapongsthada, Pakkamol

Purchasing Manager

Lertampaisagonwong, Anurak

Assistant Administrative Officer

Songpitakchai, Vasvan

Purchasing Officer

EXTERNAL RELATIONS & COMMUNICATIONS OFFICE

Ali, Ahmed Amjad

Head (from July 2012)

Drean, Olivier

Coordinator, French Cooperation & Adviser

Guzman, Carol C.

Assistant Program Officer

Hlaing, Kyaw Soe

Program Coordinator

Rabgyal, Tenzin

Senior Program Officer

Shrestha, Pritam Krishna

Head

Shrestha, Sumana

Program Officer

Sittichai, Uma

Senior Administrative Officer

Talaid, Lucena D.

Assistant Programme Officer

Thitithamtada, Tiamkare

Senior Program Officer

Government Relations Unit

Inta, Suda

Administrative Officer

Misri, Pathummanee

Assistant Administrative Officer

Pliansri, Wannapa

Coordinator

Poonperm, Nitat

Assistant Administrative Officer

Potisunghirun, Surapol

Administrative Officer

Srisuksawadi, Korapin

Senior Technical Manager

Srithongsuk, Ladda

Assistant Administrative Officer

Uppapong, Suvanee

Secretary I

Wongthongdee, Preecha

Assistant Administrative Officer

Yantadilok, Kasan

Assistant Administrative Officer

Yooprem, Wilailuk

Administrative Officer

Media & Communications Unit

Chaisawang, Sawitri

Senior Graphic Designer

Escobin, Kim

Media Officer (Multimedia Admin)

Gadlan, Bernardo NMN

Administrative Officer

Kelly, Shawn Patrick

Senior Media Specialist

Mendhaka, Nadhika

Senior Graphic Designer

Singh, Bajinder Pal

Senior News and Media Specialist

Tinnapong, Paitoon

Senior Photographer

Vimuktanon, Natnipha

Media Officer (Public Relations)

FINANCE OFFICE

Alcantara, Marilyn M.

Finance Officer

Arnprayoon, Pairuch

Accountant

Bumrungsak, Kalya

Administrative Secretary I

Chouychoo, Prateep

Accountant

Emsuriyavong, Piyawan

Accountant

Gonzales, Katherine L.

Financial Analyst

Kamkhuntod, Rungruedee

Accountant

Kosaipolkul, Orawan

Senior Accounting Manager

Misri, Chanya

Accountant

Niramis, Ranginee

Accountant

Pan-In, Nadkrita

Administrative Officer

Phatthanasarisakda, Jantida

Accountant

Promprawongse, Chirapar

Finance Manager

Rittipongshusit, Noppadon

Head

Suksomphak, Narumol

Accountant

Sumangkayothin, Ichaya

Accountant

Thanatheerahirun, Vandee

Accountant

Thongchantr, Ekarin

Accounts Clerk

Thongsong, Sawanee

Senior Accountant

Yoonpund, Panthila

Accountant

HUMAN RESOURCES OFFICE

Diopenes, Maybel B.

Manager

Manakul, Sripatchara

Manager

Puankratok, Denphoom

Administrative Officer

Sukasem, Jirada

Administrative Officer

Suwannarith, Sawan

Manager

Yimkeo, Somnuk

Assistant Administrative Officer

Medical Clinic

Atthajitrakul, Pattita

Secretary

Chaisooksang, Siriluck

Nurse Supervisor

Siriwangchai, Thanawan

Senior Nurse

INTERNAL AUDIT OFFICE

Limpodom, Worawan

Assistant Internal Auditor

Manorat, Prapat

Assistant Internal Auditor

Sattagowit, Teerapan

Acting Head

PRESIDENT'S OFFICE

Amoussou-Guenou, Roland

Senior Legal Adviser

Badiola, Marjorie Louise P.

Assistant Administrative Officer

Calabdan, Renedith A.

Senior Administrative Officer

Kongluer, Rawiwan

Administrative Secretary

Nissaipan, Chadarat

Executive Secretary

Pothi, Premjit

Coffee Lounge Attendant

Rana, Karma

Institute Secretary

Ruengjumroonnath, Melada

Clerk

Sindhunava, Tanadol

Assistant Program Officer

Sitoula, Ashish OM

Project Coordinator

Sravat, Namita

Coordinator, Academic & Administrative Affairs

Wasuntiwongse, Kulvimol

Secretary to the Board

Youbanklong, Sayan

Driver/Office Assistant

Resources & Development Office

Bokhari, Syed Muntasir Husain

Program Officer

Jayasinghe, Sanjeev

Fundraising Director

Mongkolchotirat, Chotiros

Assistant Administrative Officer

Unified International Bachelor's-Master's Degree Program

Gonzales, Arthur Lance Otadoy

Assistant Program Officer

AIT-Balkh University Project

Qaasim, Eng. Mohammed

Manager

RESEARCH & EDUCATION SUPPORT OFFICE

Dante, Izel Ann M.

Head and Head-Administration

AIT International School

Afzulpurkar, Madhavi N.

Computer Teacher

Anatan, Divina C.

Music Teacher

Annachhatre, Manjiri Ajit

Teacher

Asim, Farzana

Teacher

Brown, Debra

Teacher

Bunrod, Pimpa

Teacher's Aide

Caszo, Elvis Anthony

Teacher

Chanmanetrakul, Aporn

Thai and Pre-Kindergarten P.E. Teacher

Denubo, Grace Azores

Teacher

Deshpande, Shridevi Shrikant

Teacher/Coordinator

Divate, Gayatri V.

Assistant Teacher

Gatela, Ma. Visitacion Q.

Teacher

Glinhom, Nantaphan

Assistant Teacher

Gonzales, James Tolentino

Teacher

Gonzales, Leila Marie V.

Teacher

Guanzon, Clive Abigaile I.

Special Education Teacher

Gunawardena, Wasana

ESL Teacher

Gurung, Megha

ESL Teacher

Jansongkrod, Janya

Assistant Teacher

Kaewsawang, Mayuree

Teacher's Aide

Lawas, Marichu

Teacher

Malim, Nighat Sultana

Teacher/Coordinator

Mauritson, Kevin

Principal/Head

Meenil, Amorntip

Teacher's Aide

Mungcal, Anjelo V.

Teacher

Penglee, Kaesorn

Office Attendant

Perenchio, Suvatjanee

Thai Teacher

Pineda, Blesilda P.

Teacher

Pinthong, Srita

Thai Teacher

Ravindran, Karthygai

Teacher

Sthapit, Sarojani

Assistant Teacher

Thanusiri, Monta

Thai Teacher's Aide

Thomas, Oluwayemisi Ayoola

Teacher

Thummachua, Parichat

Administrative Officer

Tran, Huong Thu

Library Teacher

Tumala-Pilongo, Janice G.

Teacher

Yamyai, Prangjit

Teacher's Aide

Language Center**Atthajittrakul, Nichapat**

Secretary

Burrows, Tylor

Language Specialist

Choombala, Thanisa

Language Specialist

Duncan, Benjamin R.

Language Specialist

Francois, Juliette

French Teaching Assistant

Hamilton, Thomas

Language Specialist

Laszewski, Matthew C.

Director and Senior Language Specialist

Nakwachara, Thippawon

Administrative Secretary

Sarausad, Mary Rose Geraldine

Language Specialist

Shrestha, Ami

Assistant Language Specialist

Thomas, David L.

Language Specialist

Library**Chuenkham, Santi**

Library Assistant

Intaralak, Nimitr

Library Assistant

Intha, Watcharin

Senior Librarian

Kiriyanant, Pranee

Coordinator

Klinkaew, Sasawan

Administrative Secretary

Kongdun, Vanida

Library Assistant

Pakkhethati, Somporn

Library Assistant

Phantarat, Kanjana

Librarian

Phung-Nguen, Prakas

Library Assistant

Ratanaphanlop, Trisukhon

Senior Librarian

Saranyapipat, Rungtiwa

Senior Librarian

Tanawattanayingyong, Sompop

Librarian

Wapeeso, Banyat

Library Assistant

Sponsored & Contracted Projects Unit**Krishna, P.V. Gopi**

Manager

**CENTRE OF EXCELLENCE FOR
SUSTAINABLE DEVELOPMENT IN
THE CONTEXT OF CLIMATE CHANGE****Haryadi, Tomi**

Project Manager

STUDENT OFFICE**Roa, Laarni B.**

Head

Admissions**Abrea, Irma O.**

Assistant Administrative Officer

Buakanthong, Supawadee

Assistant Administrative Officer

Compendio, Marisol O.

Administrative Officer

Gargabite, Benjamin A.

Coordinator, Admissions & Scholarships

New, Khine Thet

Administrative Officer

Nuamuam, Wallapa

Assistant Administrative Officer

Paye, Hannah D.

Assistant Administrative Officer

Perez, Maria Avegail Cueto

Administrative Assistant

Pesarillo, Christine P.

Administrative Officer

Career Center**Baidya, Abha**

Career Counselor/IS Analyst

Gonzales, Joan Carla C.

Coordinator, Career Center and Student Affairs

Onputtha, Suraporn

Internship Desk Counselor

Prasongsuk, Chatchata

Office Attendant

Shrestha, Aziz

Internship Desk Counselor

Registry**Diaz, Arnolfo M.**

Administrative Officer

Gonzales, Patrick

Registry Clerk

Mission, Emelyn Fe D.

Administrative Officer

Nutrak, Yongyut

Registry Clerk

Saekua, Pornchai

Registry Clerk

Srinoikhao, Ruangyos

Messenger

Udomwittayanukul, Prapaporn

Administrative Officer

Student Union**Poonsang, Waranluck**

Secretary

PARTNERS IN 2012

Governments

Afghanistan

- Ministry of Higher Education (MOHE)

Bhutan

- Ministry of Education

China

- State Bureau of Surveying and Mapping of China (SBSM)
- The China Scholarship Council, Ministry of Education

Ethiopia

- Ministry of Agriculture and Rural Development

France

- Centre National Des Oeuvres Universitaires Et Scolaires (CNOUS)
- Ministry of Foreign and European Affairs

Germany

- Deutscher Akademischer Austausch Dienst (DAAD), German Academic Exchange Service

Indonesia

- Government of Aceh
- Office of the Deputy Chairman of Facilities and Infrastructure, Ministry National Development Planning/National Development Planning Agency (BAPPENAS)

Iran

- Iranian Research Organization for Science and Technology (IROST)
- The Iranian Space Agency (ISA), Ministry of Communication and Information Technology

Japan

- Japan Aerospace Exploration Agency (JAXA)
- The National Space Development Agency

Korea

- Korea International Cooperation Agency (KOICA)

Lao PDR

- Ministry of Education, The Government of Lao People's Democratic Republic
- The Mekong River Commission

Maldives

- Civil Service Commission

Nepal

- Department of Food Technology and Quality Control (DFTQC)
- National Centre for Educational Development (NCED), Ministry of Education

The Netherlands

- The Ministry for Development Cooperation of the Kingdom of the Netherlands

Norway

- The Norwegian Ministry of Foreign Affairs
- Norwegian Electricity Cooperation (NEC)

Pakistan

- Commission on Science and Technology for Sustainable Development (COMSATS)
- Government of the Punjab
- The Higher Education Commission (HEC)

Philippines

- Department of Science and Technology (DOST)

Sri Lanka

- Ministry of Housing and Common Amenities
- The Urban Development Authority (UDA)

Sweden

- Swedish International Development Agency (Sida)

Switzerland

- The Swiss National Centre of Competence in Research North-South Switzerland

Thailand

- Commission on Higher Education (The Ministry of University Affairs of Thailand)
- Electricity Generating Authority of Thailand
- Environmental Research and Training Center (ERTC)
- Metropolitan Waterworks Authority (MWA)
- Nakhon Nayok Province
- National Electronics and Computer Technology Center (NECTEC), National Science and Technology Development Agency (NSTDA)
- National Institute of Development Administration (NIDA)
- National Institute of Metrology
- National Science Museum (NSM)
- Office of the Non-Formal and Informal Education (ONIE)

- Sirindhorn International Environmental Park Foundation under the Patronage of HRH Princess Maha Chakri Sirindhorn
- Software Industry Promotion Agency (SIPA)
- Software Park Thailand, Technology Management Center, National Science and Technology Development Agency
- The Pollution Control Department, Thailand

Vietnam

- Ho Chi Minh City Project 300
- The Ministry of Education and Training
- Vietnam Electricity

Higher Education and Research Institutions

Afghanistan

- Kandahar University

Austria

- Universitaet Klagenfurt

Bangladesh

- Ahsanullah University of Science and Technology (AUST)
- American International University
- ASA University Bangladesh (ASAUB)
- Asian University for Women (AUW)
- BRAC University
- Chittagong University of Engineering & Technology
- Darul Ihsan University
- East West University (EWU)
- Eastern University
- Independent University
- Institute of Water Modelling
- National College of Business Administration and Economics (NCBA&E)
- Southeast University (SEU)

Bhutan

- Royal Institute of Management (RIM)

Cambodia

- The Faculty of Law and Economics of Phnom Penh; The University of Lyon II and Royal University of Law and Economics

Canada

- Universite de Montreal

China

- Beijing Jiaotong University
- Chinese Academy of Engineering
- Chinese Academy of Surveying and Mapping
- Guanxi University
- International Research and Training Center for Rural Education
- Lingnan (University) College, Zhongshan University
- Peking University Resource College (PKURC)
- Shanghai Ocean University
- Tsinghua University, The School of Economics & Management
- The School of Management & Economics of Beijing Institute of Technology
- The School of Economics and Resource Management, Beijing Normal University
- Wuhan University
- Wuhan Institute of Technology
- Yunnan University

Denmark

- Aalborg University
- Copenhagen Business School (CBS)
- Technical University of Denmark

Finland

- Helsinki School of Economics & Business Administration (HSEBA)
- Lappeenranta University of Technology (LUT)
- University of Jyväskylä
- University of Oulu

France

- Centre de Cooperation Internationale en Recherche Agronomique pour le Developpement (CIRAD)
- Chamber of Commerce and Industry
- Ecole Centrale de Nantes
- Ecole Superieure de Commerce de Nantes Atlantique (ESCNA)
- EDHEC Business School
- ESCP-Europe (formerly known as ESCP-EAP)
- HEC Grande Ecole
- LM Lyon
- Science Pro Paris (formerly known as The Institut d'Etudes Politiques de Paris)
- SKEMA Business School (formerly known as CERAM)
- Telecom SudParis -TSP (formerly known as National Institute of Telecommunication)

- The Institut National des Telecommunications EVRY
- The Network of Instituts Nationaux Polytechniques (Grenoble, Lorraine, Toulouse -France)
- Universite Pierre et Marie Curie
- University Jean Moulin Lyon 3
- University of La Réunion
- University of Nice-Sophia Antipolis
- University of Pantheon-Sorbonne (Paris I)
- University of Paris Dauphine (Paris IX)
- University of Paris-Sorbonne (Paris IV) –IUE
- University Pantheon-Assas (Paris II)

Germany

- Bauhaus-Universitaet Weimar (BUW)
- Bremen University of Applied Sciences
- European Business School (EBS), Schloss Reichartshausen, Oestrich-Winkel
- Leipzig Graduate School of Management, Handelshochschule Leipzig
- Philipps-Universitat Marburg
- Stuttgart Institute of Management & Technology (SIMT)
- Technische Universitaet Muenchen (TUM) / Technical University of Munich
- The International University of Germany

Hong Kong

- University of Hongkong (Department of Real Estate and Construction)

India

- Birla Institute of Management Technology (BIMTECH)
- Fore School of Management
- Indian Institute of Information Technology, Allahabad
- Indian Institute of Management, Calcutta
- Indian Institute of Management, Raipur
- Indian Institute of Crop Processing Technology (IICPT)
- Jaipura Institute of Management (JIM)
- Jamia Millia Islamia (JMI)
- Jawaharlal Nehru Technological University Kakinada (JNTUK)
- K.J. Somaiya Institute of Management Studies and Research
- Kalinga Institute of Industrial Technology (KIIT) University, Orissa
- Motilal Nehru National Institute of Technology (MNNIT)
- Padampat Singhania School of Engineering (PSSE)
- Pearl School of Business
- Poornima University

- Poornima School of Management
- Poornima College of Engineering and Poornima Institute of Engineering
- PSG Institute of Advanced Studies
- Sam Higginbottom Institute of Agriculture, Technology & Sciences (SHIATS) - Deemed University
- Shivaji University (SU)
- Sri Jayachamarajendra College of Engineering, Mysore
- T.A.Pai Management Institute (TAPMI)
- TempleCity Institute of Technology and Engineering
- TERI University
- Vishwakarma School of International Studies
- Vishwakarma Institute of Technology

Indonesia

- Faculty of Engineering, Universitas Gadjah Mada
- Institut Teknologi Sepuluh Nopember (ITS) or Sepuluh Nopember Institute of Technology
- Jenderal Soedirman University (UNSOED)
- Petra Christian University
- State Islamic University
- Udayana University, Bali
- Universitas Andalas (UNAND)
- Universitas Gadjah Mada
- Universitas Katolik Parahyangan
- Universitas Mulawarman
- Universitas Padjadjaran
- University of Sriwijaya

Iran

- Agricultural Engineering Research Institute (AERI)
- Amirkabir University of Technology
- Islamic Azad University (IAU)
- University of Science and Culture (USC)
- University of Tabriz

Italy

- ASVI School for Management and Social Change

Japan

- Chiba University
- Chubu University
- Department of Civil and Earth Resources Engineering, Kyoto University
- Faculty of Fisheries Science, Hokkaido University
- Hokkaido University
- Institute of Industrial Science, Asian Association of Remote Sensing, The University of Tokyo

- International Center for Urban Safety (ICUS) Engineering, Institute of Industrial Science, The University of Tokyo
 - International University of Japan (IUJ)
 - Japan Advanced Institute of Science and Technology (JAIST)
 - Keio University
 - Keio University Graduate School of Media and Governance (Keio-MaG) and Institute for Global Environmental Strategies (IGES)
 - Kyoto University, Graduate School of Engineering/ Graduate School of Global Environmental Studies/ Graduate School of Management
 - Mie University
 - Nagaoka University of Technology
 - National Institute for Environmental Studies (NIES)
 - Ochanomizu University
 - Research and Development Center of Nippon Koei Co., Ltd.
 - Remote Sensing Technology Center (RESTEC)
 - Saga University
 - Sokendai Graduate School for Advanced Studies
 - The National Institute of Informatics
 - The United Nations University
 - The University of Tokyo
 - The University of Tsukuba
 - Tohoku University
 - Tokyo Institute of Technology
 - Toyo University
 - University of Yamanashi, Center of Excellence for Research and Education on Integrated River Basin Management in Asian Monsoon Region
 - Utsunomiya University
- Kazakhstan**
- Almaty Institute of Power Engineering & Telecommunication
 - JSC New University Astana
- Kenya**
- Multimedia University College
- Korea**
- Dong-A University
 - Hanyang University
 - K-Water Academy
 - Korea Advanced Institute of Science and Technology
 - Korea Infrastructure Safety & Technology Corporation
 - Korea Institute of Construction Technology
 - Korea Institute of Geoscience and Mineral Resources
 - Korea Institute of Science and Technology
 - Korea University
 - Korea University of Science and Technology
 - Kumoh National University of Technology
 - Pukyong National University
 - Seoul National University
 - SK Construction & Engineering Co., Ltd
 - The Ajou University, Institute of Energy Systems and Climate Change (IECC)
 - The Highway Research Division and Advanced Transport Research Division of the Korea Institute of Construction Technology
 - University of Seoul, Department of Geoinformatics
 - Yeungnam University
- Kyrgyz Republic, Tajikistan, Kazakhtan and His Highness Aga Khan**
- University of Central Asia (UCA)
- Malaysia**
- Universiti Putra Malaysia
 - Universiti Teknologi Mara (UiTM)
- Mongolia**
- Mongolian University of Science and Technology (MUST)
- Myanmar**
- Mandalay Technological University
 - Yangon Technological University
- Nepal**
- Kathmandu University
 - Local Development Training Academy (LDTA)
 - National Banking Training Institute
 - National Information Technology Institute (NITI)
 - Nepal Academy of Science and Technology
 - Nepal Administrative Staff College (NASC)
 - Pokhara University
 - Purbanchal University
 - South Asian Institute of Management
- Nigeria**
- Federal University of Technology, Akure
- Norway**
- Norwegian University of Life Sciences
 - Norwegian University of Science and Technology

Pakistan

- Balochistan University of Engineering and Technology, Khuzdar
- Balochistan University of Information Technology, Engineering & Management Sciences, Quetta (BUITEMS)
- Government College University, Lahore (GCU, Lahore)
- Lahore College for Women University
- Mehran University of Engineering and Technology, Jamshoro
- National University of Sciences & Technology, Islamabad
- NED University of Engineering and Technology, Karachi
- Sukkur Institute of Business Administration
- The University of Faisalabad
- University of Engineering & Technology, Lahore
- University of Engineering & Technology, Taxila
- University of Veterinary and Animal Sciences (UVAS), Lahore

Philippines

- Mindanao Polytechnic State College
- University of the Cordilleras

Portugal

- Universidade de Minho

Spain

- Universitat Politecnica de Catalunya
- Escuela de Alta Direccion y Administracion (EADA), Barcelona

Sri Lanka

- International College of Business and Technology (ICBT), a member of Ceylinco Consolidated
- South Asian Institute of Technology and Management
- University of Vocational Technology
- Uva Wellasa University (UWU)

Sweden

- KTH, Kungliga Tekniska hogskolan
- The University of Kalmar
- University of Boras

Switzerland

- National Centre of Competence in Research North-South (NCCR N-S), Center for Development and Environment, University of Berne Steigerhubelstrasses 3
- University of Applied Sciences Eastern Switzerland
- University of Applied Sciences Northwestern Switzerland FHNW

Taiwan

- Chia Nan University of Pharmacy and Science
- Department of Civil Engineering, National Taiwan University
- National Cheng Kung University
- National Chung Hsing University
- National Pingtung University of Science & Technology (NPUST)
- National Taiwan Ocean University
- National Yunlin University of Science and Technology
- Yuan Ze University

Thailand

- Asian University (AU)
- Chiang Mai University
- Chulabhorn Research Institute
- Chulachomklao Royal Military Academy
- Faculty of Engineering, Chulalongkorn University
- Center of Excellence Building and Environmental Technology of Faculty of Architecture (CE), Chulalongkorn University
- Mahidol University
- Naresuan University
- Pathumthani Province and Educational and Research institutions in Pathumthani Province
- Rangsit University
- Ruamrudee International School
- Srinakharinwirot University - Institute for the Promotion of Teaching Science and Technology
- Srinakharinwirot University - Software Industry Promotion Agency

Uganda

- Busitema University

United Kingdom

- Aston Business School, Aston University
- University of East London

United States of America

- Department of Agricultural Economics, Kansas State University, Kansas
- Institute for Scientific Research (ISR), Boston College
- Oregon State University (OSU)
- University of Rhode Island, The Coastal Resources Center
- Colorado State University

Vietnam

- Danang University of Technology (DUT)
- Foundation Engineering Institute (FECON INS)
- FPT University
- Hanoi University of Agriculture
- Hanoi University of Technology
- Ho Chi Minh City University of Architecture
- Hong Duc University
- Hue University of Agriculture and Forestry
- International University
- Nong Lam University
- University of Economics and Business
- University of Transport and Communications
- Vietnam National University
- Vietnam Petroleum Institute
- Binh Duong Economics and Technology University (BDKT)
- Duy Tan University

Yugoslavia

- University of Novi Sad, Faculty of Technical Sciences, Serbia

Private Sector**Australia**

- Entura Hydro Tasmania (ENTURA)

Bangladesh

- Bangladesh Bank
- Design Planning and Management Consultants Ltd. (DPM)
- Institute of Microfinance
- Yunus Center

Belgium

- Mindcrossing Limited (a member of AREOPA group)

Bhutan

- Bank of Bhutan Limited

China

- YueHan Shanghai Trading Co., Ltd.
- Guangdong Education Service of International Exchanges Tianhe Center (GESIE)

France

- Campus France

Hong Kong

- CSR Asia Ltd.

India

- Charkha Educational Consultancy Services
- GIS Development Private Limited, Noida
- Global Reach
- Modi International Studies, Indore
- Speck Systems Ltd., Hyderabad
- United Group of Institutions
- M/S Quality Education
- Hand in Hand Microfinance Private Limited (HiHMFPL)

Indonesia

- Pt. Damba Intra

Iran

- Research and Consulting Company of Shakhes-Sazan

Japan

- Ebara Hatakeyama Memorial Fund
- Overseas Construction Association of Japan, Inc. (OCAJI)

Myanmar

- Myanma Computer Company Ltd. (MCC)
- United Network - Management and Business Center (UN-MBC)
- Water Research and Training Center (WRTC)

Nepal

- Hydro Lab Pvt. Ltd.
- NEC Consultants (Private) Limited
- Nepal Airlines Corporation

Nigeria

- Nkoyo Resources Nigeria (NRN)

Norway

- Norwegian Electricity

Pakistan

- Hyderabad Electric Supply Company Limited (HESCO)
- Islamabad Electric Supply Company Limited (IESCO)
- Lahore Electric Supply Company Limited (LESCO)

Singapore

- Asian Aquaculture Network (AAN)
- John Deere Asia (Singapore) Pte Ltd
- LifeWay Holdings Pte Ltd
- Skydoor Pte Ltd

Sri Lanka

- Ceylinco Education Group
- Epic Lanka Group
- Sri Lanka Land Reclamation & Development Corporation

Taiwan

- ST International Co., Ltd., BVI

Thailand

- Buildersmart Public Co., Ltd.
- Donaldson (Thailand) Ltd.
- Global Siam Gate Company Limited (GSG)
- IBM, Thailand
- Innotech Golf Co., Ltd.
- Innovative Interfaces, Inc.
- Sodexo Support Services (Thailand) Ltd.
- TEAM Group of Companies Co., Ltd.
- Thai Carbon Black PCL
- The Siam Cement Public Company Limited
- The Thai Network Information Center Foundation
- Total Gas & Power
- Western Digital (WD) (Thailand) Co., Ltd.

Vietnam

- Petrovietnam
- Portcoast Consultant Corporation

Associations

Myanmar

- Myanmar Engineering Society (MES)
- Myanmar Egress

Nepal

- Nepal Education Foundation - Consortium of Colleges (NEF-CCN)

Philippines

- Angeles University Foundation (AUF)

Sri Lanka

- Sri Lanka Foundation

Thailand

- Anti-Global Warming Foundation
- The AIT Alumni Association
- Total E&P Thailand (TEPT)
- Total Professors Association (TPA)

International Organizations

Denmark

- UNEP Riso Centre

France

- Télécoms Sans Frontières (TSF)

Indonesia

- ASEAN Center for Energy (ACE)
- UN Partnership Research Fund - OWATER Project

Japan

- Institute for Global Environmental Strategies (IGES)

Maldives

- The Regional Integrated Multi-Hazard Early Warning System for Africa and Asia (RIMES)

The Netherlands

- The UNESCO-IHE Institute for Water Education

Philippines

- Asian Development Bank

Tanzania

- The Global Horticulture Initiative (GlobalHort)

Thailand

- Asia-Pacific Association of Agricultural Research Institutions (APAARI)
- Coastal Resources Institute Foundation (CORIN-Asia)
- Coordinating Committee for Geoscience Programmes in East and Southeast Asia
- The Asian and Pacific Centre for Transfer of Technology (APCTT), ESCAP
- United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)
- United Nations Environment Programme Regional Resource Centre for Asia and the Pacific (UNEP RRC.AP)
- Food and Agriculture Organization (FAO)

United States of America

- International Bank for Reconstruction and Development (World Bank Group)
- International Fellowships Fund, Inc.
- The Bridge Fund (TBF)

Vietnam

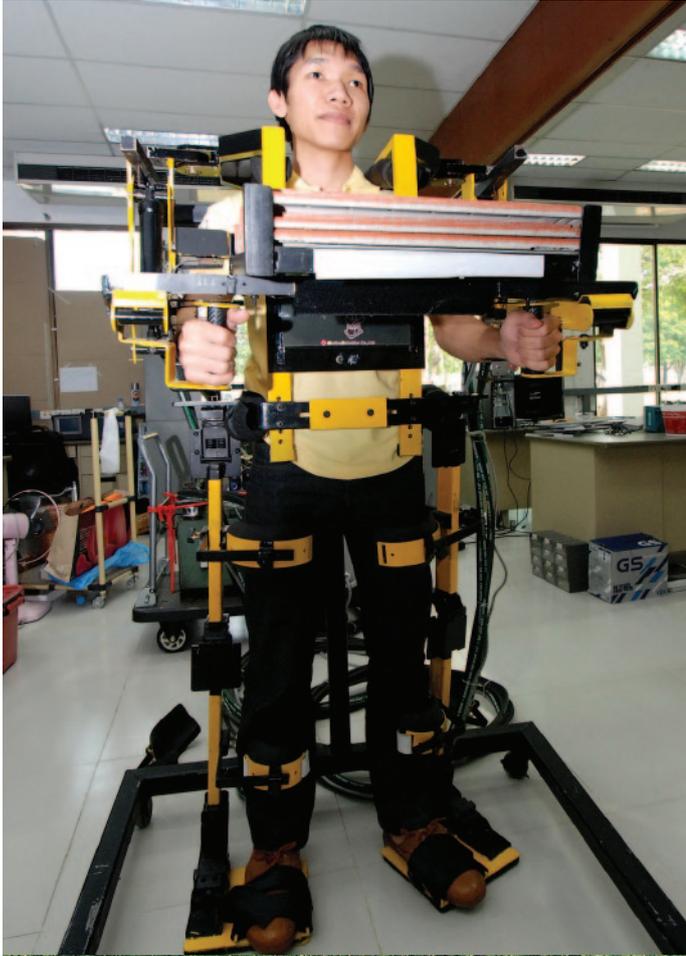
- International Centre for Advanced Research on Global Change (ICARGC)

Prominent Visitors to AIT

S.N.	Visitor	Date	Purpose
1	Prof. Dr. Sriram B. Mathe, Chairperson, Nepal Education Foundation-Consortium of Colleges, Nepal (NEF-CCN), Nepal	8 January 2012	To hand over donation of THB 300,000 for the renovation of AIT library.
2	Dr. Syed Askar Musavi, Chief Advisor for Ministry of Higher Education (MoHE), Afghanistan Dr. Cheragh Ali Cheragh, Chancellor, Balkh University Wngr. Abdul Rahim Wardak, SHEP Coordinator	10 January 2012	To discuss about possible collaboration between AIT and MoHE.
3	Dr. Parag Diwan, Vice Chancellor of University of Petroleum and Energy Studies, India	9 February 2012	Explore possible collaboration
4	Mr. K. Satyanarayana, Chancellor of K L University (KLU), India	9 February 2012	Explore possible collaboration
5	Prof. Zhang Wenxue, Vice President of Wuhan Institute of Technology (WIT); PR China	20 February 2012	MoU signed
6	Professor Harada, Chair, Department of Civil and Environmental Engineering Professor Tatsuo Omura, Professor, Tohoku University, Japan	25 February 2012	To hand over donation of 1 million Japanese Yen for AIT rehabilitation and renovation.
7	Hon. Mutahi Kagwe, Chairman of the Multimedia University (MMU), Kenya	27 February 2012	MoU signed
8	Mr. Tadashi Yokohama, Director of First Country Assistance Planning Division, International Cooperation Bureau, Ministry of Foreign Affairs, Japan Mr. Ryotaro Hayashi, Second Secretary, Embassy of Japan in Thailand Mr. Tetsuo Hasegawa, First Secretary, Embassy of Japan in Thailand	17 March 2012	To discuss about ongoing activities between AIT and the Government of Japan and know about post flood situation of AIT.
9	Dr. (Ms.) Kalpanaa Sankar, CEO of Hand in Hand Micro Finance Private Limited, India	28 March 2012	MoA signed
10	Professor Atsuhiko Takasu, Chair, Department of Informatics, The Graduate University for Advanced Studies (Sokendai), Japan	28 March 2012	To follow up on AIT-Sokendai dual doctoral degree programs.
11	Dr. M.V. Rao, Director General, National Institute of Rural Development (NIRD), India	30 March 2012	Explore possible collaboration
12	Prof. Volker Wesling, Vice President for Research and Technology Transfer, Clausthal University of Technology, Germany	3 April 2012	Explore possible collaboration; later MoA signed through surface mail
13	Dr. Burra Divya Sunnitha Raj, Indian Representative, Ministry of Education and Science of Ukraine, Ukraine State Center of International Education of Ukraine and Managing Trusess of SHE Foundation	11 April 2012	To update on the 117th Graduation Speaker and follow up on the partnerships
14	Prof. Li Xiaoxi, Group leader, Deputy Director of the Academic Commission and Honorary Dean of School of Economics and Resource Management, Beijing Normal University, P.R China	24 April 2012	Explore possible collaboration
15	Hon. Mutahi Kagwe, Chairman, University Council (MMU-Kenya);	30 April 2012	implement and discuss further on the signed MoU in Feb 2012
16	Prof. Nagendra Sharma, Director of India Centre for Public Policy (ICPP), Birla Institute of Management Technology (BIMTECH), Noida, India	10 May 2013	Explore possible collaboration
18	Prof. S.B. Lal – Pro Vice Chancellor, Sam Higginbottom Institute of Agriculture, Technology & Sciences, (SHIATS), India	11 May 2012	Update and discuss further on the partnership

S.N.	Visitor	Date	Purpose
19	Mr. Benoit Thierry, International Fund for Agricultural Development (IFAD) Country Programme Manager for Thailand	5 June 2012	To know more about AIT in terms of its institutional setup, capacities, facilities, previous and ongoing collaboration with IFAD
20	Dr. Sen Zhuang, Professor of Guangzhou Pearl-River Vocational-Techno College and Director of Guangdong Education Services of International Exchanges (Tianhe Branch)	18 June 2012	Explore possible collaboration
21	Prof. Arun B Samaddar, Director of National Institute University (NIT), Sikkim, India	19 June 2012	Explore possible collaboration
22	Dr. K. Alagusundaram, Director, Indian Institute of Crop Processing Technology (IICPT), India	25 June 2012	MoU signed
23	Dr. Ashfaq H. Khan, Director General and Dean of Business School, National University of Sciences and Technology (NUST), Pakistan Mr. Ahmed Amjad Ali, Deputy Chief of Mission and Alternate Permanent Representative to UNESCAP, Embassy of Pakistan, Thailand	4 July 2012	To explore possibility of joint programs in the fields of Geographic Information System, Disaster Management, Business Administration and Professional Development.
24	Prof. Vishnukanth Rao Velagapaly, Karthikeyan Institute of Management Science, India	31 July 2012	To learn about AIT and Program Offering
25	Mr. Koichi Ishizuka, Program Officer, Sumitomo Foundation, Japan	21 August 2012	Call on Vice President for Academic Affairs; announce the Grants of Sumitomo Foundation for Japan-Related Research Projects.
26	Mr. Kaname Ikeda, President of Remote Sensing Techno Center of Japan (RESTEC), Japan Mr. Koji Tawara, First Secretary, Embassy of Japan Mr. Toru Sasaki, Director, JAXA Bangkok Office	23 August 2012	To sign MoU between AIT and RESTEC
27	Mr. Naoya Kosaka, Deputy General Manager, General Affairs Division, OCAJI	23 August 2012	To explore possibility of sending their employees to AIT for higher education, training and capacity building programs.
28	Prof. Yong Heming, Vice President, Guangdong University of Business Studies, China	24 September 2012	Explore possible collaboration
29	Dr. Yusuf Fuad, a member of Directorate General of Higher Education of Ministry of Education and Culture of the Republic of Indonesia (DIKTI), and a faculty member of State University of Surabaya	3 October 2012	To strengthen partnership between DIKTI and AIT in terms of collaborative research and academic programs including sending more scholars, researchers and lecturers of different Universities of Indonesia to AIT.
30	H.E. Dorji Wangdi, Minister, Ministry of Labour & Human Resources and Chairman of the Royal Institute of Management (RIM) Board; Mr. Karma Tshering, Director, Royal Institute of Management (RIM)	8 October 2012	MoU signed
31	Engr. Muhammad Asghar, Rector, National University of Sciences and Technology (NUST), Pakistan	10-12 October 2012	To discuss about possible collaboration with AIT and initiate programs of mutual interests.
32	Kuenga Jurmi, Chief Support Officer, Bank of Bhutan	11 October 2012	learn and gain knowledge about AIT academic offerings and research activities
33	Ms. Chikako Takase, Director of United Centre for Regional Development (UNCRD), Japan	12 October 2012	To discuss about hosting International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) Web-Portal at AIT.
34	Prof B.S. Sahay, Director of Indian Institute of Management (IIM)-Raipur, India	18 October 2012	MoU Signed

S.N.	Visitor	Date	Purpose
35	Mr. Tshewang Tandin, Director General, Department of Adult and Higher Education (DAHE), Ministry of Education (MoE), Bhutan	28 October 2012	MoU signed
36	H.E. Prof. Obaidullah Obaid, Minister of Higher Education, Afghanistan, Dr. Shaheer Nesari, Senior Advisor to the Minister and Acting Coordinator, SHEP Prof. Habibullah Habib, Chancellor, Kabul University	31 October – 1 November 2012	To sign MoU between AIT and MoHE.
37	Dr. Rajendra Prasad Mohant, Vice Chancellor of Siksha O Anusandhan University, Odisha, India	1 November 2012	Explore possible collaboration
38	Professor Dakora from Tshwane University of Technology, South Africa	2 November 2012	Given lecture on “Challenges of Food Security in Poverty Alleviation”
39	Prof. Mukul P Gupta, Director, Management Development Institute (MDI), Gurgaon, India	19 November 2012	Explore possible collaboration
40	Mr. Kee-Hyun Yang of K-water Academy, South Korea	23 November 2012	MoU signed
41	Universiti Teknologi PETRONAS (UTP), Malaysia	27 November 2012	To share and exchange ideas on Civil and Environmental Engineering; and to explore potential collaborative partnerships such as research, academic collaborations, student supervisions and exchange between UTP Malaysia and AIT.
42	Mr. F. P. Solo, Commissioner & Secretary to the Govt of Nagaland, Department of Higher & Technical Education Mr. A. Kathipri, Director of Technical Education, Nagaland	6 December 2012	Explore possible collaboration
43	Visit of Delegation from Oriental Port & Allied Services Corporation (OPASCOR), Cebu City, Philippines	7 December 2012	OPASCOR is looking for training centers that could enhance the employees’ knowledge on Engineering, Administration, Information Management, Remote Sensing and Port Shipping, of which AIT could possibly offer. The President of the team expressed their interest to partner and coordinate with the Asian Institute of Technology
44	Mr. Motoi Sasaki, Director-General, Land Economy and Construction and Engineering Industry Bureau, Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Japan Mr. Ryu Ishii, Deputy Director, International Office for Infrastructure Industry, Construction Industry Division, Land Economy and Construction and Engineering Industry Bureau, MLIT Mr. Hajime Suzuki, Executive Vice President, The Overseas Construction Association of Japan, Inc. (OCAJI) Mr. Naoya Kosaka, Deputy General Manager, General Affairs Division, OCAJI	14 December 2012	To sign MoU and MoA between AIT and OCAJI.
45	Dr. Ria Asih Aryani Soemitro, Vice Director, Institut Teknologi Sepuluh Nopember (ITS), Indonesia Dr. Mat Syai’in, Coordinator of Fast Tract Program, ITS and Pembantu Pelaksana Seamolec (PPS)	17 December 2012	To discuss about MoA for dual degree programs between AIT and ITS and plan for 2013 Intake.
46	Prof. Ranjith Premalal De Silva, Vice Chancellor of Uva Wellassa University (UWU), Sri Lanka	18 December 2012	MoU signed





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