This Annual Report was compiled and produced by Karma Rana, Izel Ann Mojado-Dante, Namita Sravat, Sanjeev Jayasinghe, Gabrielle Groves Punyaratabandhu, Shawn Kelly, Tripti Rajbhandhari, M Zia Islam and Sarina Pradhan Thapa with the technical and editorial support of the Media and Communications Unit (MCU) and the involvement of all AIT employees. The report was designed by Nadhika Mendhaka. AIT wishes to thank the many people who rendered their assistance in preparing this report.
### Contents

**THE AIT BOARD OF TRUSTEES 2013** 2
**MESSAGE FROM THE CHAIRMAN OF THE AIT BOARD OF TRUSTEES** 4
**MESSAGE FROM THE PRESIDENT OF THE ASIAN INSTITUTE OF TECHNOLOGY** 5
**AIT BOARD OF TRUSTEES: CHRONOLOGY OF EVENTS 2013** 6
**INSTITUTIONAL HIGHLIGHTS: THE YEAR IN HEADLINES** 12

**AIT AT A GLANCE** 16

- **AIT Projects at a Glance**
  - Ongoing Project Numbers and Budget 2006 – 2013 16
  - Top researchers with the highest number of projects initiated in 2006 – 2013 16
  - Projects Initiated in 2013 17
  - Projects Ongoing in 2013 17
  - Projects Completed in 2013 17
  - Most cited in Scopus 17

- **Students at a Glance**
  - Total Enrollment by Region 18
  - Total Enrollment by School 18
  - Student Research by School/FoS and by Type 19

- **Alumni at a Glance**
  - Number by Degree, School and Gender 20
  - Number by Country 20
  - Alumni Affairs Office 21

- **AIT Faculty at a Glance** 23

- **2013 ACTIVITIES & ACHIEVEMENTS** 24

- **Academic Developments**
  - AIT Management Programs among Global Top 20 24

- **AIT Non-Regular Programs**
  - School of Engineering and Technology 25
  - School of Environment, Resources and Development 27
  - School of Management 29

- **Research**
  - School of Engineering and Technology 30
  - School of Environment, Resources and Development 30
  - School of Management 31
  - Internet Education and Research Laboratory 31
  - Center of Excellence on Sustainable Development in the Context of Climate Change (SDCC) 32

- **Outreach**
  - School of Engineering and Technology 33
  - School of Environment, Resources and Development 35
  - AIT Extension 35
  - AIT Consulting 36
  - AIT Center in Vietnam 39

- **Research & Education Support Activities**
  - AIT Library 48
  - AIT Language Center 49
  - AIT International School 50

- **Fundraising** 53

- **Collaborations and Partnerships**
  - Ongoing Partnerships and New Initiatives 54
  - Institute Agreements signed in 2013 55
  - Promotional Activities 58
  - Prominent Visitors to AIT 58

- **AWARDS AND RECOGNITION** 60

- **Faculty / Staff**
  - School of Engineering and Technology 60
  - School of Environment, Resources and Development 60

- **Students**
  - School of Engineering and Technology 62
  - School of Environment, Resources and Development 62
  - Graduation Prize/Award Recipients in 2013 63

- **Alumni**
  - School of Engineering and Technology 64
  - School of Environment, Resources and Development 64

- **APPENDICES** 65

- **Financial Statement and Auditor’s Report** 66
- **Institute Administration** 81
- **Faculty Members** 82
- **Research / Project Staff** 86
- **Administrative Support Staff** 89

- **Partners in 2013**
  - Governments 95
  - Higher Education and Research Institutions 96
  - Private Sector 99
  - Associations 100
  - International Organizations 100
CHAIRMAN EMERITUS
H.E. Dr. Thanat Khoman
Former Deputy Prime Minister of Thailand and Former Minister of Foreign Affairs

CHAIRMAN
H.E. Dr. Subin Pinkayan
Former Minister of Foreign Affairs of Thailand

VICE CHAIRPERSON
H.E. Mr. Anil Wadhwa
Ambassador of India to Thailand

BOARD MEMBERS
H.E. Mr. Kazi Imtiaz Hossain
Ambassador of Bangladesh to Thailand

H.E. Mrs. You Ay
Ambassador of Cambodia to Thailand

H.E. Mr. Thierry Viteau
Ambassador of France to Thailand

H.E. Mr. Lutfi Rauf
Ambassador of Indonesia to Thailand

Mr. Noritada Morita
Former Asian Development Bank Director

H.E. Mr. Jae Man Jeon
Ambassador of Republic of Korea to Thailand

H.E. Mr. Ly Bounkham
Ambassador of Lao People’s Democratic Republic to Thailand

Mr. Dornath Aryal
Chargé d’Affaires, the Embassy of Nepal

Dr. Bindu Lohani
Vice-President of Asian Development Bank for Knowledge Management and Sustainable Development

H.E. Dr. Sohail Khan
Ambassador of the Islamic Republic of Pakistan

Mr. Saeed Malik Khan
Secretary Government of Pakistan

H.E. Mrs. Jocelyn Batoon-Garcia
Ambassador of the Philippines to Thailand

Professor Ricardo P. Pama
Former AIT Vice President

H.E. Gen. Shantha Kottegoda
Ambassador of Sri Lanka to Thailand

H.E. Mr. Klas Molin
Ambassador of Sweden to Thailand

Professor Emeritus Dr. Sahas Bunditkul
Former Deputy Prime Minister and Interim Minister of Foreign Affairs of Thailand

OBSERVERS
H.E. Mr. Shigekazu Sato
Ambassador of Japan to Thailand

H.E. Mrs. Katja Christina Nordgaard
Ambassador of Norway to Thailand

Professor Dr. Kriengsak Chareonwongsak
Senior Fellow Harvard University and President Institute of Future Studies for Development

Dr. Niwes Hemvachiravarakorn
Value Investor, Stock Exchange Thailand

Assoc. Professor Kraiwood Kiattikomol
Advisor, King Mongkut’s University of Technology Thonburi

General Dr. Boonsrang Niampradit
Former Supreme Commander and Former President of the AIT Alumni Association

Dr. Viphandh Roengpithya
President, Asian University Thailand

Dr. Sumate Yamnoon
Former Permanent Secretary, Ministry of Education of Thailand

Dr. John D. Nelson
Former AIT Faculty and CEO, Principal Geotechnical Engineer Engineering Analytics, Inc.

H.E. Mr. Ngo Duc Thang
Ambassador of Vietnam to Thailand

Ms. Yang Xinyu
Deputy Secretary-General of China Scholarship Council, PR of China

Professor Dr. Thosaporn Sirisumphand
Secretary-General, Commission on Higher Education, Ministry of Education, Thailand

Mr. Manasvi Srisodapol
Deputy Permanent Secretary, Ministry of Foreign Affairs, Thailand

Professor Dr. Somkit Lertpaithoon
Rector, Thammasat University

Professor Worsak Kanok-Nukulchai
Interim President (ex-officio)

Mr. Chawalit Chantararat
President, AIT Alumni Association (ex-officio)

H.E. Mr. Jesús Miguel Sanz Escorihuela
Ambassador-Head of Delegation European Union to Thailand

Secretary to the Board
Mrs. Kulvimol Wasuntiwongse
On 4th October 2013, the Board of Trustees of the Asian Institute of Technology (AIT) appointed me as its next Chairman of the Board. I am honored to accept this appointment and it is my privilege to serve the Institute to which the Board has entrusted me. As an alumnus from the first batch I am proud and consider it my duty to support and contribute to the Institute in whatever that I can, and I shall try my level best to fulfill this obligation. I have followed the progress of the Institute over the years, and observed the AIT situation closely, particularly during its most difficult and turbulent period.

During the past few months of my Chairmanship, the Institute under the guidance and directions set by the Board as well as its Executive Committee, and through our effort to normalize relations with host country Thailand, has gradually recovered from its financial difficulties and is on a sounder footing and moving forward in the right direction, and we now need to push ahead with our ambitions and plans, which had to be put on hold, after the great floods of 2011.

I have visited the AIT campus on several occasions, trusting that through close interaction with members of the AIT Community, and by listening to the voices of faculty, staff, students, alumni, partners and stakeholders, it would help us to put together a roadmap for the Institute’s future. Today, education system is changing rapidly due to the fast development of Information and Communication Technology. It is necessary that our teaching, learning and research should all adopt new information and communication technology. AIT is preparing to change and live with this development. My vision for AIT is hinged on revamping AIT’s educational offerings in engineering and management to produce graduates who possess the necessary attributes to become “Asia’s next generation of leaders.”

In concluding, I wish to convey my gratitude to all members of the Board of Trustees, Executive Committee, partners, alumni and friends, who have rendered their support to AIT and continue to reach out in different ways and means. It has been a difficult road but together we have overcome the immediate challenges. Our tasks and responsibilities would continue as we share the same aim that is to move forward for the betterment and brighter future of the Institute.

Let us join hands and work for a strong and prosperous AIT.

With all best wishes,

Dr. Subin Pinkayan
Chairman of the Board
Asian Institute of Technology
I have had the privilege of serving in both, an Acting and then Interim President capacity, over the period covering this annual report, and wish to thank the AIT Board of Trustees, for their trust and confidence in me. I consider it an honor, a challenge and a golden opportunity as an alumnus to serve my alma mater at this most critical juncture of the Institute’s history.

Following the “crisis” faced by the Institute in 2011-2012, after the historic campus floods, a lot of time and effort has gone into providing remedies for operational problems and morale building, while struggling to improve the Institute’s financial resource base.

During the interim period, I established my top priorities as (a) to arrest the rapid sliding down of our finances, (b) to regain the trust of our host country Thailand and resume its financial support, and (c) to boost the morale of faculty and staff.

On the financial front, with the strong support of the Board, Audit and the Executive Committee, coupled with the sacrifice of faculty and staff, we were able to implement critical cost-cutting measures, which helped put back the Institute on a more stable footing. However, cutting costs alone is not a sustainable solution, and we will be developing a long-term strategy to find ways to increase our revenues, through innovative partnerships and mechanisms, which will allow us to re-establish our capacities, in order to fulfill our obligations to our students and partners.

I am pleased to report, that under the guidance of the Board Chair, and the goodwill, support and interventions of so many individuals, our relations with the host country have returned to normalcy. All members of the AIT community must be commended for their patience, hard work and efforts as well as sacrifices made during this most difficult period in the history of the Institute.

In the early days, AIT was the only international postgraduate institution in Asia. The attractiveness of AIT arose from its leadership in academic excellence and its truly international nature. Over the past two decades, the quality and standard of many national universities, with large amounts of resources poured in by their respective governments, have advanced rapidly. The remaining attribute that no other university in the region can emulate is AIT’s true internationality. However, if we are too complacent, our diversity advantage could erode rapidly. Therefore, it is important that we introduce appropriate mechanisms, which will further enhance our diversity, especially within our faculty body.

While there are challenges ahead, AIT is reinventing itself, and I am confident that we will rise to the occasion. The Institute still has an unmatched brand name and legacy of having contributed to the Asian miracle.

I welcome your feedback and your participation in the journey ahead and look forward to your strong and continued support to the Institute.

Professor Worsak Kanok-Nukulchai
Interim President
Asian Institute of Technology (AIT)
12 FEBRUARY 2013
The Board under the chairmanship of Mr. Nopadol Gunavibool met at the Ministry of Foreign Affairs of Thailand. Main issues included:

1. Norwegian Government representative will participate in the meetings of the Board as an Observer.

2. The Board appointed the new membership to the Executive Committee as follows: H.E. Mr. Anil Wadhwa, Prof. Somkit Lertpaithoon, Dr. Apichart Anukularmphai, Professor Emeritus Dr. Sahas Bunditkul, Ambassador Pradap Pibulsonggram, Ms. Jaruwan Ruangswadipong, and Dr. Sumate Yamnoon.

3. The Board appointed the new members of the Nominating Committee as follows: H.E. Mr. Kazi Imtiaz Hossain, H.E. Mrs. You Ay, H.E. Mr. Ly Bounkham, Mr. Prashant Agrawal, Dr. Anabhirama, Mr. Chawalit Chantararat, Ms. Aporn Kanvong, and Prof. Karl Weber.

4. The Board endorsed the Fact Finding Committee with following membership: Dr. Thakur Phanit (Chair), Mr. Panat Tasneeyanond, Mr. Ghofar Ismail, Mr. Malik Muhammad Saeed Khan, and Ms. Jaruwan Ruangswadipong.

5. The Board approved the promotion of Dr. Mukand Singh Babel to the rank of full professor.

6. In line with the provision in the current bye-law 7.11 which states “In the absence of the President, interim responsibilities of the day-to-day affairs including any specific mandate shall be assigned by the President to a Vice President.”, the Board appointed AIT Vice President for Resource Development (VPRD) Professor Worsak Kanok-Nukulchai, to serve as the Acting President, with effect from 13 February 2013 until Professor I.M. Pandey, Vice President of Academic Affairs (VPAA) returns from his leave and resumes his works on 4 March 2013.

7. The Board decided to temporarily employ Professor Jayant K. Routray, to teach his courses, as well as to supervise his research students, pending the outcome of the Fact Finding Committee.

8. On the issue of work permit requirement for non-Thai faculty and staff, the Board Chairman informed members that the Ministry of Foreign Affairs was following up on this matter with the Ministry of Labour, which agreed to help MFA find the solutions with minimum impact on AIT employees.

6 MARCH 2013
The Executive Committee met at the Ministry of Foreign Affairs. Main issues included:

1. In accordance with the Institute bye-laws, Mr. Nopadol Gunavibool, Chairman of the Board and Chairman of the Executive Committee, designated Professor Emeritus Dr. Sahas Bunditkul as Chairman of the Executive Committee and H.E. Mr. Pradap Pibulsonggram as Vice Chairman of the Executive Committee.

2. The Executive Committee appointed a new Audit Committee with the following membership: Dr. Sumate Yamnoon (Chair), Ambassador Pradap Pibulsonggram and Ms. Jaruwan Ruangswadipong.

3. The Chair informed the meeting that the Board at its meeting held on 22 January 2013 has designated the Executive Committee to serve as
the search committee for the selection of the new AIT President. The Executive Committee agreed that a similar process adopted by various international organizations would be followed, which would entail announcement of an advertisement through newspapers, circulation to member states through the respective embassies, shortlisting of candidates, invitation to AIT for interviews, and final selection. It was noted that both direct applications and nominations would be encouraged. The secretariat was requested to submit a draft of the announcement for consideration by the Executive Committee at its next meeting. The Executive Committee also viewed it important that the shortlisted candidates be made aware of AIT’s situation, challenges, as well as expectations from the Institute on the role and responsibilities of the President.

4. Professor Worsak, AIT Vice President for Resource and Development made a presentation about the Undergraduate (UG) Program and explained why the Board’s decision to start UG Program was not considered legally valid by many. Professor Pandey, the Acting President urged that this was not the time to go into the legality as the program was in its fourth year and it was no fault of the students. He requested that the Executive Committee take a pragmatic view. Dr. Sumate Yarnmoon, Former Secretary-General, Office of the Higher Education Commission of Thailand, remarked that AIT is different from private and government universities and does not fall within the authorization of the Higher Education Commission to approve of the program. However, the crux of the matter would be whether or not the AIT UG program is recognized by Thailand’s Civil Service Commission as equivalent to other local/national UG programs. Like other universities that are not under the authorization of the Higher Education Commission, the Executive Committee recommended that the Acting President get in touch with Thailand’s authorities concerned, to start the recognition process of AIT’s UG Program in accordance with Thailand’s rules and regulations as soon as possible. The representative of the Thai MFA legal department viewed that the phrase ‘specializing in the Graduate study’ in the Charter does not preclude starting the UG Program though AIT could continue to be known for its specialization in the graduate study. The Chairman and most members concurred that this matter should be settled before the degree certificates be issued. The Acting President also shared his view that in many countries the word ‘Graduate’ may also refer to both undergraduate and postgraduate programs. Dr. Sahas Bunditkul suggested that MFA should consult with the Council of State regarding the legality of the UG Program under the Thai laws. From AIT side, at the request of Professor Pandey, Professor Worsak agreed to coordinate with MFA and other agencies.

5. On the matter of Work Permit there was a lengthy discussion on this issue, with background provided on why AIT expatriate faculty and staff require work permits, different approaches and efforts that have been taken by the Ministry of Foreign Affairs of Thailand, implications if AIT does not comply with host country Thailand law on this matter, as well as feedback by Professor Worsak on his interactions with faculty members at the Academic Senate. The Chairman remarked that MFA Thailand has studied this matter, and although AIT is exempt from the immigration law, it is not exempt from the requirement of a work permit. MFA Thailand had tried to secure a Cabinet resolution for the issuance of a Royal Decree, which was turned down, and subsequent efforts by MFA Thailand were also not successful. As advised by the Chairman of the Board, and recommendation of the Executive Committee, it was agreed that AIT should now initiate the process of issuing work permits to all expatriate faculty and staff. The Chairman of the Board has assured AIT of his and the MFA Thailand’s full support in facilitating the process, and in the liaison with the Ministry of Labor and other concerned authorities.

**14 MARCH 2013**

The Executive Committee met at the Ministry of Foreign Affairs of Thailand. Progress on discussion included:

1. The Executive Committee requested further cuts in the proposed budget for review at the next meeting.

2. On the Presidential Search, the Secretariat was requested to circulate the draft of the advertisement for the position of AIT President, to all members, in advance of the next meeting.

3. It was agreed that the matter regarding the UG program, will be considered at the next meeting, along with the MFA’s legal opinion on this issue.

**21 MARCH 2013**

The Executive Committee met at the Ministry of Foreign Affairs of Thailand. Main issues included:

1. Professor I.M. Pandey submitted his resignation from AIT.

2. The Chairman supported to have a Committee assigned to further work on the budget and come up with a precise document for presentation to the Executive Committee. In this line, the Chairman proposed a Committee which would be chaired by Professor Worsak and may include Ambassador Wadhwa.

3. The Executive Committee reviewed the draft advertisement for the position of AIT President, and recommended that the one-page advertisement be reduced to fit to a quarter page, with a hyperlink to a
The Board of Trustees under the chairmanship of Mr. Nopadol Gunavibool met at AIT Conference Center.

1. The Board appointed H.E. Mr. Anil Wadhwa, Ambassador of India as Vice Chairman of the Board.

2. Upon the recommendation of the AIT Acting President, Professor Worsak Kanok-Nukulchai, the Board approved the appointments of Professor Sivanapan Kumar and Professor Kanchana Kanchanasut as Acting Vice Presidents for Academic Affairs and Research respectively. Professors Kumar and Kanchana will continue to serve as faculty members and maintain their faculty positions, in their respective schools. Their appointments are with immediate effect and would be co-terminus with end of term of Professor Worsak’s acting presidency.

3. The Board authorized the AIT Acting President Professor Worsak Kanok-Nukulchai, to sponsor the work permit application for all non-Thai employees on behalf of AIT.

4. On the Undergraduate Program, the Board agreed to continue with the status quo, in that there should be no freeze in the enrolment of new undergraduate students, which is a major decision that can have financial implications, and needs to be looked at in a strategic and holistic manner. The AIT Acting President Professor Worsak Kanok-Nukulchai was requested to check with the concerned Thai authorities in clarifying remaining issues, prior to the August 2013 enrolment of new students.

5. The Board of Trustees agreed that the degree certificates for students graduating in May 2103 would be co-signed by the Board Chairman and the AIT Acting President. For the revised degree certificates for 1 June 2012 and 6 August 2012, in light of the fact that President Irandoust has indicated that he is unable to co-sign the certificates along with H.E. Dr. Tej Bun nag, citing the reason that he has a tourist visa and on a leave of absence, it was agreed that the degree certificates, would only be signed by H.E. Dr. Tej.

6. The Board agreed to await the further review and consideration on the “Presidential Search Process” with regard to the draft advertisement, process by the Executive Committee.

7. The Board approved the promotion of Dr. Sumanta Guha to the rank of full professor.

8. In response to the query from the representative of Nepal as to when Thailand would ratify the new AIT Charter, the Chairman commented that we would need to wait, and as per the Thai Cabinet resolution, adequately respond to the points raised on transparency, good governance and the Laureate matter. He was hopeful that the FFC report would help facilitate matters, and after the end of President Irandoust’s employment, consider how to report to the Thai Parliament. The Chairman added that the other scenario was to first see AIT stabilized and settled down, before proceeding with the ratification.

The Executive Committee met in the Board Room, AIT Administration building. Main issues were:

1. H.E. Mr. Ngo Duc Thang, Ambassador of Vietnam was appointed as a new member of the Executive Committee. His membership started from 22 May 2013 for a period of 3 years.

2. The proposed 690 million Baht expenditure budget of 2013 should be further reduced so the revised figure should be lower than the 2012 actual expenditure figures of 671 million Baht.

3. Salary raise violations of AIT’s Policy and Procedure must be reviewed and corrected.

4. The format of the 2013 budget should be revised to clearly illustrate how much each unit (not by clubbing it together) was spending in 2012 and how much reduction is being proposed for 2013. The revised 2013 proposed budget will be circulated to members through email for their comments and inputs, following which it could then be submitted to the Board.

5. The Acting President was mandated to form an AIT team to negotiate with Sodexo, and if specific expertise is needed, the Audit Committee could recommend someone. If necessary, an external legal expert could also be hired since legal scrutiny may be important.

6. The representative from the Thai MFA was requested to convey to the Foreign Minister the key points discussed at the meeting, especially problems facing AIT, and to help expedite the release of RTG funds.

7. Professor Worsak informed the meeting that all AIT expatriate staff need to apply for work permits and that he would be asking the remaining employees to do so. Ambassador Pradap requested the Thai MFA to facilitate if there is any problem.
8. The Executive Committee agreed to recommend to the Board, to send out the advertisement on the announcement for a new President, by the end of June 2013.

9. The Executive Committee concurred with the Ambassador of India’s proposal that the Acting President Professor Worsak continue in the interim along with the Acting Vice Presidents, Professor Kumar and Professor Kanchana, and will put forward this recommendation to the Board of Trustees, at its next meeting.

**20 JUNE 2013**

The Board of Trustees under the chairmanship of Mr. Nopadol Gunavibool met in the main auditorium, AIT Conference Center.

1. In line with the recommendation made by the Executive Committee, the Board approved the appointment of Professor Worsak Kanok-Nukulchai, Acting President, to serve as Interim President with effect from 1 July 2013. The Acting Vice Presidents, Professor Sivanappan Kumar and Professor Kanchana Kanchanasut will likewise serve as Interim Vice Presidents.

2. The Board approved the revised proposed 2013 budget, along with the proposed measures, as presented by the Acting President Professor Worsak.

3. Professor Worsak provided a status report on the support from the Royal Thai Government.

4. The Chairman of the Board informed the meeting that the Chairman of the Fact Finding Committee (FFC) has requested to extend the mandate of the FFC by another 10 days, with effect from 20 June 2013.

5. Professor Worsak informed the Board that out of the 12 expatriates against whom there had been a complaint, filed with the labor authority, 9 had already completed the application process and received their work permits, and now the rest of expatriates would have to similarly apply, which has become part of the routine work.

6. On the Undergraduate Program, the Board approved the proposal put forward by the Acting President for a one-off solution, i.e., committing to ongoing students who are pursuing their 2nd, 3rd and 4th year, and to also allow students in the pipeline that have been admitted in the 1st year at partner institutions. The Chairman of the Board, wished to also give further thought on the Thai MFA legal representative feedback as to whether AIT is under Thai law, adding that if the answer is yes, then it would be appropriate to seek a legal opinion from a competent Thai authority. However, if AIT is not under Thai law, then it would be another matter altogether.

7. For Presidential Search, it was agreed that the Secretariat would circulate the amended version ad referendum to the Board for final endorsement, noting that if there were no further comments, it would be considered as approved by the Board. As regards the deadline for submission of applications and nominations, it was noted that anyone interested would likely apply in the first instance, and proposed to keep the first advertisement deadline in The Economist to 3 months, i.e., July-October 2013, with the advertisement being placed in mid July 2013, since it requires a 10-day notice. The cost of a quarter-page advertisement in The Economist is about USD 10,000. A decision on whether to go for a second advertisement could then be made after the initial deadline, depending on the number of applications and nominations received, and to then proceed to a second announcement, if needed. The trustees were requested to disseminate the announcement in their respective countries as widely as possible. The Ambassador of India viewed it important to also finalize the terms and conditions of the President, adding that it is important that the Board review the contractual terms.

**26 JULY 2013**

The Board under the chairmanship of Mr. Nopadol Gunavibool met at the Ministry of Foreign Affairs of Thailand. The main purpose of this meeting was to consider the final report from the Fact Finding Committee (FFC).

**Resolution:**

The Meeting agreed that a one-page summary conveying the general sentiments of the recommendations made by FFC in their report will be drawn up and distributed to trustees, seeking the feedback and comments. The summary incorporating the inputs from trustees could then be circulated to AIT stakeholders.

**4 OCTOBER 2013**

The Board met in the main auditorium, AIT Conference Center.

1. The Chairman remarked that, as already conveyed through his letter, which was circulated to all Trustees by the Board Secretariat, he has been appointed as Ambassador of Thailand to Brussels, with effect from 1 October 2013, and would be resigning from the Board of Trustees and as Chairman, with effect from 5 October 2013.

2. New Trustees, namely: H.E. Dr. Sohail Khan, Ambassador of the Islamic Republic of Pakistan to Thailand, Dr. Subin Pinkayan, Former Minister of Foreign Affairs of Thailand and General Dr. Boonsrang Niumpradit, Former Supreme Commander, and former President of the AIT Alumni Association (AITAA) Mother Chapter attended their first meeting of the Board. Their memberships were endorsed by the Board through postal ballot and effective from 16 September 2013.
3. The representative from Thammasat University, Professor Dr. Pramuan Tapchaisri, Vice Rector for Research Affairs, nominated Trustee Dr. Subin Pinkayan as the new Chairman of the Board, which was seconded by H.E. Mr. Ngo Duc Thang, Ambassador of Vietnam, following which Dr. Subin was unanimously elected by the Board, as the 9th Chairman of the AIT Board of Trustees. Dr. Subin is a member of the first AIT graduating class of 1961, and in 2010 was inducted into the AIT Hall of Fame.

4. The Chairman informed the meeting that Mr. Manasvi Srisodapol, Deputy Permanent Secretary of the Ministry of Foreign Affairs of Thailand will be replacing him as a representative of the Ministry of Foreign Affairs of Thailand, on the Board of Trustees.

5. The Chairman informed the Board that Professor Emeritus Dr. Sahas Bunditkul, Former Deputy Prime Minister and Former Acting Minister of Foreign Affairs of Thailand had resigned from the Chairmanship of the Executive Committee, due to his heavy work load, but had expressed his wish to continue remaining engaged with AIT and was keen to support the Institute in its endeavors.

6. Professor Worsak informed the meeting of the appointment of the following AIT faculty members to serve as Interim Deans effective from 1 October 2013, namely Professor Voratas Kachitvichyanukul: Dean of School of Engineering and Technology (SET); Professor C. Visvanathan, Dean of School of Environment, Resources and Development (SERD); and Dr. Donyaprueth Krairit, Dean of School of Management (SOM). He reported that he had called for nominations from AIT faculty and staff members and received three nominations to be considered for Dean SET, and one faculty member each nominated for Dean SERD and Dean SOM. The Deans will be responsible for the School administration in accordance to the Institute’s policy and regulations.

7. On the process of Presidential Search, The Board agreed to go ahead with the review of those who have applied or been nominated, and if a suitable candidate cannot be found, the Board may then go for another round as needed. The Board decided to lift the requirement stating the mandatory retirement age of 60, and requested members to contact potential candidates who had withheld their applications or nominations on account of this, and to encourage them to put forward their submissions before the 15 October 2013 deadline.

8. The Interim President informed the Board that there were many pending legal cases, and that he had appointed a Task Force chaired by the Interim Vice President for Research, to try and settle the pending cases out-of-court, and mitigate potential future cases.

9. The Board decided that in line with the Audit Committee recommendation, AIT communicate with Professor Irandoust and to make necessary arrangements to recover from the former President the net balance of 88,296.77 Baht that he owes AIT.

10. The Chairman informed the meeting that he had circulated a draft letter that would form the contract for Professor Worsak Kanok-Nukulchai for his Interim Presidency, and invited feedback on this from trustees by 29 August 2013. He added that a member of the Board had expressed support, and there had been no objections so far, aside from some verbal queries by a Board member. The Chairman proposed that if the Board concurred with the draft contract he would finalize it accordingly, and at the same time convey the Board’s support of the contract, to the Board member who had some queries. He further clarified that the emolument being proposed was similar to what had been granted to one past Interim President 14 years ago, and in light of the increased duties and responsibilities of the Interim President, viewed it to be fair and justifiable. There were no objections at the meeting to the proposal put forward by the Chairman on the emolument for the Interim President.

11. The AITAA President enquired as to what actions would now need to be taken in providing clarification to the Thai Cabinet on AIT. The Chairman reported that his colleagues from the International Organization Department have drafted a letter, and are quite eager to report back to Cabinet. He mentioned that he had reported to the Foreign Minister on the status of AIT and advised by the Minister to write a letter, as Chairman of the Board (not as Deputy Permanent Secretary of MFA Thailand) following which the Minister would then communicate to the Cabinet. This would then form the basis for the Cabinet to make a resolution. The Chairman added that Foreign Minister is keen to give his support to AIT, and to work with the Ministry of Education to get funding, even the possibility of availing of central funds from the Thai Government. Dr. Subin requested the Chairman to kindly conclude this matter before he assumes the Chairmanship of the Board.

16 OCTOBER 2013

The Executive Committee met under the chairmanship of Dr. Subin Pinkayan in the Board Room, AIT Administration building.

1. In line with the recommendation by the Board of Trustees, the Executive Committee agreed on the following composition of Sub-Committee on the Presidential Search Committee (PSC): Dr. Sumate Yamnoon, Former Secretary-General, Office of the Higher Education Commission and Member of the Executive Committee and Chairman of the Audit Committee, H.E. Mrs. Katja Christina Nordgaard, Ambassador of...
Chronology of Events 2013

1. Norway to Thailand (to be confirmed). In the event Ambassador Nordgaard is unable to serve, Professor Finn Arve Aagesen, former AIT visiting faculty and Professor at the Norwegian University of Science and Technology (NTNU) will be approached, Dr. Srisak Charmonman, CEO of Internet Distance Education, Assumption University and Inaugural Member of the AIT Hall of Fame, H.E. Mr. Tony Lynch, Ambassador of New Zealand to Thailand (To be confirmed), Professor William C. Webster, Former Vice Provost, University of California at Berkeley and Former Chairman of the AIT International Academic Advisory Panel.

2. The draft AIT Road Map was presented to the Executive Committee.

3. The Executive Committee endorsed for approval by the Board of Trustees the appointment of Professor Kazuo Yamamoto as a part-time (60%) interim Vice President for Resource Development, under which Professor Yamamoto will be partially seconded to this position by the University of Tokyo, where he currently and will continue to serve (40%) as Professor in its Environmental Science Center, as well as Professor in charge of graduate program, Department of Urban Engineering, Graduate School of Engineering.

4. The Executive Committee endorsed for approval by the Board of Trustees the promotion of Dr. Nitin Kumar Tripathi, Associate Professor, presently holding an appointment in the Remote Sensing and Geographic Information Systems (RS&GIS) Field of Study in the School of Engineering and Technology (SET), to the rank of full Professor.

24 December 2013

The Executive Committee met on 24 December 2013 in the Board Room, AIT Administration Building. The Chairman of the Executive Committee, in his absence, designated Dr. Sahas Bunditkul to chair the meeting.

1. The Executive Committee approved the following additional nominations of members to the Presidential Search Committee, namely (a) Dr. Za-Chieh Moh, Chairman, Board of Directors, MAA Group Consulting Engineers and (b) an Elected Faculty Representative. The following memberships are confirmed: Dr. Sumate Yamnoon, Former Secretary-General, Office of the Higher Education Commission and Member of the Executive Committee and Chairman of the Audit Committee; Dr. Srisak Charmonman, CEO of Internet Distance Education, Assumption University and Inaugural Member of the AIT Hall of Fame; H.E. Mr. Tony Lynch, Ambassador of New Zealand to Thailand; and Professor William C. Webster, Former Vice Provost, University of California at Berkeley and Former Chairman of the AIT International Academic Advisory Panel.
In 2013, countless activities marked a full calendar of events at the Asian Institute of Technology. It was a year of transition and a global-level honour for a prominent faculty member.

Two faculty members were appointed to serve as vice presidents. Professor Sivanappan Kumar was appointed Acting Vice President for Academic Affairs and Professor Kanchana Kanchanasut was appointed Acting Vice President for Research, as endorsed by the AIT Board of Trustees at its meeting on April 22.

On June 20, Prof. Worsak Kanok-Nukulchai, Vice President for Resource Development and Acting President was appointed Interim President of the Asian Institute of Technology by the AIT Board of Trustees.

That same month, on June 26, Professor Kanchana Kanchanasut was inducted into the global Internet Hall of Fame by the Internet Society based in Geneva, Switzerland. Inducted into the ‘Pioneer’ category, which recognizes individuals instrumental in the early design and development of the Internet, Prof. Kanchana was the first Thai person to introduce electronic mail and the internet to Thailand. She is the first Thai national and amongst the first in Asia to be inducted into the international Internet Hall of Fame.

Thailand’s Her Royal Highness Princess Maha Chakri Sirindhorn on July 24 granted a Royal Audience at the Dusitdilai Pavilion, Chitrlada Palace to a delegation led by AIT’s Interim President Prof. Worsak Kanok-Nukulchai, Prof. Kanchana Kanchanasut, Dr. Weerakorn Ongsakul and Ms. Wannapa Pliansri, along with a group of officials from the Provincial Electricity Authority of Thailand (PEA).

Three Interim Deans were appointed on October 1. Professor Voratas Kachitvichyanukul was made Dean of the School of Engineering and Technology, Professor C. Visvanathan was made Dean of the School of Environment, Resources and Development, and Dr. Donyaprueth Krairit was made Dean of the School of Management.

H.E. Dr. Subin Pinkayan of Thailand was elected as the 9th Chairman of the Board of Trustees at its meeting on 4 October 2013. Dr. Subin is a member of the first AIT graduating class of 1961, and in 2010 he was inducted into the AIT Hall of Fame.

Bank of Thailand Governor Dr. Prasarn Trairatvorakul headlined the “AIT Dinner Talk” on September 25, a fundraising event organized by the AIT Alumni Association and AIT which drew dignitaries from government, corporate sector, academia and media. A packed Bangkok hotel ball room listened to the AIT alumnus speak on “Global Financial System and Challenges to Thailand.”
INSTITUTIONAL HIGHLIGHTS

Discover AIT in new e-Brochure

AIT is an inspiring place of institutional, temporal and continuous discovery. A true education is one in which discovery is an ongoing and continuous pursuit. AIT's open, unique and innovative education model is designed to foster critical thinking, intellectual curiosity, and independence.

Inside...  
1. Brochure: Happening at AIT 2-3  
2. Agreement 4  
3. Programme 5  
4. Language 6

Thirty-five companies join AIT Career Fair

Thirty-five companies, including local and international firms, joined the AIT Career Fair held on March 21, 2013. The fair was attended by students from all departments of AIT and provided them with an opportunity to network and discuss career prospects with potential employers.

Inside...  
1. Brochure: Happening at AIT 2-3  
2. Photo Gallery 4  
3. Language 5

"Rainbow of Life" Culture Show epitomizes AIT at its best

The "Rainbow of Life" Culture Show, held on March 22, 2013, was organized to showcase the diverse cultural heritage of students from different countries. The event was attended by students, faculty, and staff from AIT and other institutions.

Inside...  
1. Brochure: Happening at AIT 2-3  
2. Photo Gallery 4  
3. Language 5

499 graduates from 30 countries graduate from AIT

The AIT 2013 graduation ceremony was held on April 11, 2013. A total of 499 students from 30 countries graduated during the ceremony, marking the end of the academic year.

Inside...  
1. Brochure: Happening at AIT 2-3  
2. Photo Gallery 4  
3. Language 5
Thailand’s Her Royal Highness Princess Maha Chakri Sirindhorn grants Royal Audience to AIT

Her Royal Highness spent a particularly long time interacting with the AIT representatives, speaking with the visitors for approximately 30 minutes.

Her Royal Highness spent a particular of time interacting with the AIT representatives, speaking with the visitors for approximately 30 minutes.

HRH happily accepted her time as an AIT student of Remote Sensing and Geographic Information Systems in the 1980s.

HRH told the AIT president that she would like to have a geographic map showing the potential for various forms of natural energy found in the Kingdom. President Worsak informed HRH that the Institute’s experts would certainly provide her with this type of geographic map.

Over 400 students from 37 countries join AIT in August semester

Over 400 students from 37 countries, spread across five continents have joined the Asian Institute of Technology (AIT) in the August 2013 semester.

The August 2013 intake includes students from North and South America, Africa, Europe and Asia, with one student from Sierra Leone becoming the first from his country to join AIT. The maximum student intake is from Thailand, followed by Morocco, Nepal, Bangladesh and India. Close to 80 per cent of the students have enrolled for Master’s programs, while the remaining are Doctoral students. Forty-three per cent of the incoming student body is female.

At the Orientation Day program organized on 9 August 2013, Interim AIT President Prof. Worsak Kanok-Nukulchai highlighted AIT’s academic excellence and its internationalism.
H.E. Dr. Subin Pinkayan becomes the 9th Chairman of AIT Board of Trustees

H.E. Dr. Subin Pinkayan of Thailand was installed as the 9th Chairman of the AIT Board of Trustees at its meeting on 10 October 2013. Dr. Sabin is a member of the first AIT governing board established in 1982 and was re-elected into the AIT Board of Trustees.

Dr. Sabin has served as Minister of Foreign Affairs of the Kingdom of Thailand from August 1982 to August 1984, Minister of Finance from August 1984 to August 1986, and Minister of Culture from August 1986 to August 1988. He has also served as an advisor to the Minister of Science and Technology and Economic Development.

The new Chairman is also an accomplished academic. He is a Knight Associate Professor at AIT. Former member of the Board of Trustees of AIT, Dr. Sabin is a member of the Board of Trustees of NUI, Thailand, and a special lecturer in regional development at Chiang Mai University.

The “AIT Dinner Talk” by AIT alumni, Dr. Prasarn Trairatvorakul on 25th September 2013, drew diplomats from the government, corporate sector, academia and the media who gathered to discuss the contribution of Thai business leaders to Thailand’s economy. The event was co-organised by the Thai Alumni Association (AIT) and the Canadian Alumni Association (AIT). The “AIT Dinner Talk” was supported by the Embassy of the Kingdom of Thailand in the USA and the Embassy of Thailand in Canada.

Flurry of activity as Institute marches ahead

A flurry of activity marked the month of November 2013, with the AIT management and student enrolments achieving significant milestones.

The Chairman, Dr. Subin Pinkayan, met with the alumni community, including students, faculty and alumni and sought input for AIT’s roadmap.

AIT students, gearing up for their Dissertations examinations, captured two signature events – the International Food Fair and International Competition. The AIT Career Center and its alumni Lean on Career Fair. Read more details in this issue of the AIT Newsletter.
AIT AT A GLANCE

AIT PROJECTS AT A GLANCE

ONGOING PROJECT NUMBERS AND BUDGET 2006-2013

TOP RESEARCHERS WITH THE HIGHEST NUMBER OF PROJECTS INITIATED IN 2006 - 2013

<table>
<thead>
<tr>
<th>Name</th>
<th>No. of Projects as PI</th>
<th>PI and Co-PI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Kanchana Kanchanasut</td>
<td>59</td>
<td>61</td>
</tr>
<tr>
<td>Prof. S. Kumar</td>
<td>20</td>
<td>49</td>
</tr>
<tr>
<td>Prof. C. Visvanathan</td>
<td>33</td>
<td>38</td>
</tr>
<tr>
<td>Prof. Mukand S. Babel</td>
<td>30</td>
<td>35</td>
</tr>
<tr>
<td>Dr. Kunnawee Kanitpong</td>
<td>27</td>
<td>30</td>
</tr>
<tr>
<td>Dr. Kyoko Kusakabe</td>
<td>16</td>
<td>24</td>
</tr>
</tbody>
</table>
PROJECTS INITIATED IN 2013

No. of Initiated Projects by type

- SERD: 28
- AIT Extension: 106
- SOM: 4
- intERLab: 6
- Institute-wide: 13
- Other Projects: 8

PROJECTS ONGOING IN 2013

No. of Ongoing Projects by type

- SERD: 108
- AIT Extension: 164
- SOM: 39
- intERLab: 12
- Institute-wide: 35
- Other Projects: 29
- Capacity Building: 32

PROJECTS COMPLETED IN 2013

No. of Completed Projects by type

- SERD: 48
- AIT Extension: 97
- SOM: 7
- intERLab: 7
- Institute-wide: 13
- Other Projects: 10
- Capacity Building: 5

MOST CITED IN SCOPUS

1. On the acceptability of arguments and its fundamental role in nonmonotonic reasoning, logic programming and n-person games (Cited 1231 time(s))
   Dung, P.M.

2. Developments in industrially important thermostable enzymes: A review (Cited 404 time(s))
   Haki, G.D., Rakshit, S.K.

3. Direct solid-liquid separation using hollow fiber membrane in an activated sludge aeration tank (Cited 314 time(s))
   Yamamoto, K., Hiasa, M., Mahmood, T., Matsuo, T.

4. An abstract, argumentation-theoretic approach to default reasoning (Cited 248 time(s))
   Bondarenko, A., Dung, P.M., Kowalski, R.A., Toni, F.

5. Membrane separation bioreactors for wastewater treatment (Cited 220 time(s))
   Visvanathan, C., Ben Aim, R., Parameshwaran, K.

6. Unit Commitment by Enhanced Adaptive Lagrangian Relaxation (Cited 199 time(s))
   Ongsakul, W., Petcharaks, N.

7. An analytical approach for DG allocation in primary distribution network (Cited 198 time(s))
   Acharya, N., Mahat, P., Mithulananthan, N.

8. Comparison of PSS, SVC, and STATCOM controllers for damping power system oscillations (Cited 178 time(s))
   Mithulananthan, N., Canizares, C.A., Reeve, J., Rogers, G.J.

9. Nitrification at low levels of dissolved oxygen with and without organic loading in a suspended-growth rector (Cited 176 time(s))
   Hanaki, K., Wantawin, C., Ohgaki, S.
STUDENTS AT A GLANCE

TOTAL ENROLLMENT BY REGION YEAR 2013

Southeast Asia and the Pacific 1,089
South Asia and West Asia 343
East Asia and Central Asia 80
Europe 27
Africa 29
North America 6

TOTAL ENROLLMENT BY SCHOOL YEAR 2013

School of Engineering and Technology 1982
School of Environment, Resources and Development 1067
School of Management 1043
InterSchool Program 57

SET School of Engineering and Technology
CS Computer Science
IM Information Management
CEIM Construction, Engineering and Infrastructure Management
DME Design & Manufacturing
GTE Geotechnical and Earth Resources Engineering
IME Industrial and Manufacturing Engineering
Mi Microelectronics
ME/MES Mechatronics/Microelectronics & Embedded Systems
NT Nanotechnology
RSGIS Remote Sensing and Geographic Information Systems
STE Structural Engineering
TC Telecommunications
TRE Transportation Engineering
WEM Water Engineering and Management
ICT Information and Communications Technologies
OTM Offshore Technology and Management
SERD School of Environment, Resources and Development
ASE Agricultural Systems and Engineering
AARM Aquaculture and Aquatic Resources Management

E Energy
EEM Environmental Engineering and Management
FEBT Food Engineering and Bioprocess Technology
GDS Gender and Development Studies
NRM Natural Resources Management
PPT Pulp and Paper Technology
RRDP Regional and Rural Development Planning
UEM Urban Environmental Management
ABM Agri-Business Management
DPMM Disaster Preparedness, Mitigation and Management
UWEM Urban Water Engineering & Management
SOM School of Management
BA Business Administration
BF Banking & Finance
DBA Doctor of Business Administration
EMBA Executive Master’s in Business Administration
IB International Business
MOT Management of Technology
PHD Doctor of Philosophy
### Student Research by School/Field of Study (FoS) and by Type

<table>
<thead>
<tr>
<th>SCHOOL/FoS</th>
<th>DOCTORAL STUDENT DISSERTATION</th>
<th>Master's STUDENT RESEARCH</th>
<th>TOTAL Master's STUDENT RESEARCH</th>
<th>UG STUDENT CAPSTONE PROJECT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Thesis</td>
<td>Research Studies</td>
<td>Projects</td>
<td>Internships</td>
</tr>
<tr>
<td>SET</td>
<td>37</td>
<td>185</td>
<td>39</td>
<td>48</td>
</tr>
<tr>
<td>CIE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CEIM</td>
<td>1</td>
<td>17</td>
<td>1</td>
<td>36</td>
</tr>
<tr>
<td>CS</td>
<td>9</td>
<td>8</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>IEM</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GTE</td>
<td>4</td>
<td>16</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>ICT</td>
<td>1</td>
<td>5</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>IM</td>
<td>3</td>
<td>7</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>IME</td>
<td>2</td>
<td>14</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>ME</td>
<td>1</td>
<td>11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MES</td>
<td>1</td>
<td>13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MI</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NT</td>
<td>1</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OTM</td>
<td></td>
<td>12</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>RSGiS</td>
<td>3</td>
<td>16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STE</td>
<td>1</td>
<td>18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TC</td>
<td>5</td>
<td>6</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>TE</td>
<td>1</td>
<td>11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WEM</td>
<td>1</td>
<td>28</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SERD</td>
<td>26</td>
<td>161</td>
<td>7</td>
<td>26</td>
</tr>
<tr>
<td>AARM</td>
<td>3</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABM</td>
<td>1</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASE</td>
<td>3</td>
<td>7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CCSD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>1</td>
<td>26</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>EEM</td>
<td>3</td>
<td>39</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>FBT</td>
<td>4</td>
<td>16</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>GDS</td>
<td>4</td>
<td>13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NRM</td>
<td>2</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PPT</td>
<td></td>
<td>6</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>RRDP</td>
<td>2</td>
<td>22</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>UEM</td>
<td>3</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UM</td>
<td></td>
<td>23</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOM</td>
<td>15</td>
<td>0</td>
<td>10</td>
<td>145</td>
</tr>
<tr>
<td>BA</td>
<td></td>
<td></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>BF</td>
<td></td>
<td></td>
<td></td>
<td>18</td>
</tr>
<tr>
<td>CSR</td>
<td></td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>DBA</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMBA(V)</td>
<td></td>
<td>111</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FBIM(V)</td>
<td></td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IB</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MOT</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SM-PHD</td>
<td>7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SET &amp; SERD</td>
<td>0</td>
<td>18</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>DPMm</td>
<td></td>
<td>8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UWEM</td>
<td></td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SERD &amp; SOM</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>EBM</td>
<td></td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>78</td>
<td>364</td>
<td>56</td>
<td>239</td>
</tr>
</tbody>
</table>
**ALUMNI AT A GLANCE**

**ALUMNI BY DEGREE, SCHOOL AND GENDER FROM YEAR 1961 - 2013**

- **M.Eng.** 9,747
- **M.Sc.** 4,910
- **SET** 9,545
- **Interdisciplinary** 70
- **MBA** 2,329
- **MBA Dual Degree** 47
- **M.Sc. (Professional)** 174
- **M.Sc.** 4,910
- **Ph.D.** 445
- **Diploma** 333
- **D.Eng.** 559
- **DBA** 13
- **D.A.B.M.** 46
- **PM Eng** 15

**ALUMNI BY SCHOOL (from Year 1961 - 2013)**

- **SET** 9,545
- **M.A.B.M.** 46
- **PM Eng** 15
- **Diploma** 333
- **D.Eng.** 559
- **DBA** 13
- **Ph.D.** 445
- **M.A.B.M.** 46
- **PM Eng** 15

**ALUMNI BY GENDER (from Year 1961 - 2013)**

- **Male** 14,757
- **Female** 5,420

**ALUMNI BY DEGREE (from Year 1961 - 2013)**

- **SET** 9,545
- **M.Sc. (Professional)** 374
- **M.Sc.** 4,910
- **M.S.** 2,805
- **MBA** 2,329
- **M.Sc. (Professional)** 174
- **M.Sc.** 4,910
- **Ph.D.** 445
- **M.A.B.M.** 46
- **PM Eng** 15

**ALUMNI BY COUNTRY, GRADUATION YEAR 2013**

- **Thailand** 234
- **Vietnam** 243
- **Nepal** 51
- **Sri Lanka** 51
- **Pakistan** 47
- **Malaysia** 33
- **Indonesia** 33
- **China** 10
- **India** 27
- **Myanmar** 31
- **Others** 72
- **Bangladesh** 27
AIT ALUMNI AFFAIRS OFFICE (AAO)

HIGHLIGHTS

- Head AAO served as a focal point in cooperation with the AITAA Myanmar Chapter for the recruitment process for Norwegian Ministry of Foreign Affairs (NMFA) Scholarships for Myanmar students in 2013.

- AAO assisted the flood relief fund committee in the preparations towards providing financial support to 92 AIT students.

- AAO continued to receive donations throughout 2013 from alumni for recovery and rehabilitation of AIT campus & Library as follows: Prof. Vu Trieu Minh, Head of Mechanosystem Components, Tallinn University of Technology, Estonia (ISE 1998); Mr Ahmad Lanti, CBN Indonesia (WRE 1974 & 1983); Mr Tun Shwe Zan, Singapore (GTE 2001); Ms. Nguyen Thi Dan, FPT Telecom, Vietnam (WRE, 1992) and AITAA Nepal Chapter.

- Mr. Chawalit Chantararat, AIT Alumni Association (AITAA) President, visited the campus on 9 May 2013 to discuss possibilities for future collaboration. Acting President Prof. Worsak Kanok-Nukulchai invited AITAA to join the effort to rebuild the library facility and create a signature public meeting space. The architect’s design includes an “Alumni Wing” in the library and will feature the re-located Hall of Fame.

- Dr. Chinarong Na Lamphun, prominent alumni and the President & CEO of INDEX International Group and former AITAA President provided student internship opportunities at his company, and also donated one full scholarship for one of his staff members to study MBA at School of Management.

- AAO was requested to help track alumni who were provided Japan Government scholarships to study at AIT as part of the AIT report to be sent to the Government of Japan. 12 alumni, as shown below, provided their updated information:

  1. Ms Nurunnaher, PhD Student, Australia & Assistant Professor Bangladesh Agricultural University My- mensingh, Bangladesh; 2. Ms Ni Ni Thaung, UNDP, Myanmar; 3. Taskin Jamal, Faculty, American International University-Bangladesh (AIUB), Bangladesh; 4. Chanvoleak Ourng, NGO -Institut Recherche pour le Développement (IRD), Cambodia; 5. Muhammad Abdus Sabur, Ministry of Education, Bangladesh; 6. Mustafizur Rahman, PhD Candidate, University of Calgary, Canada; Manisha Maharjan, UNESCO-IHE Institute for Water Education; 7. Bhogendra Mishra, Kyoto University, Japan; 8. Pradeep Kumar Shrestha, TEAM Consulting, Thailand; 9. Mukta Sapkota, PhD Student, The University of Melbourne, Australia; 10. Seila Nhi ep, NGO Save Cambodia’s Wildlife, Cambodia; 11. Ms. Armi May Torrechilla, Faculty at College of Fisheries and Ocean Sciences, Philippines; 12) Shamima Akhter, Asian Disaster Preparedness Center (ADPC), Thailand.

- AAO had a booth at the AIT Technology Event organized by AIT Consulting on July 10-11, 2013 at the Intercontinental Hotel, Bangkok. Main purpose was to interact with those alumni who attended the function, and to provide them details of AAO activities.

- AAO Head and staff Visit Chef’s choice for meeting with the Chairman, Dr. Chusak Osonphasop (WRE 1976) to discuss student internship opportunities at his company and bonded scholarships.

- AIT delegation led by Professor Emeritus Dr. Sahas Bunditkul, Chairman of the Executive Committee of the AIT Board and former Deputy Prime Minister of Thailand, along with Professor Dr. Worsak Kanok-Nukulchai, Interim President, visited Nepal from 18-20 July 2013 at the invitation of the AIT Alumni Association-Nepal (AITAA-N) and the Nepal Education Foundation-Consortium of Colleges (NEF-CCN) to celebrate “AIT Day in Nepal” and to further promote Nepal-AIT collaboration. Head AAO was a member of the AIT delegation and participated at the meetings.

- AIT delegation led by H. E. Dr. Subin Pinkayan, Chairman of AIT Board of Trustees, along with Professor Dr. Worsak Kanok-Nukulchai, Interim President, and Mr. Sanjeev Jayasinghe, Head AAO attended the Forty-second GBM of AIT Alumni Association held at Yangon, Myanmar from November 15-17, 2013. A total of fifteen national chapters of AIT Alumni Association attended the event which was formally opened by Mrs. Khin Aye Aye Mon, President AITAA Myanmar Chapter. The event was graced by H. E. Mr. Pisanut Suwanajata, Ambassador of Thailand to Myanmar, Mr. Chawalit Chantararat, President of AITAA Mother Chapter, Mr. Htet Nyi, Honorary Counselor of Norway, and Prof. Worsak Kanok-Nukulchai, Interim President, AIT. Prof. Worsak stated that during his interim presidency, he would seek to accomplish three
major tasks including renovating the entire AIT campus, steer the fundraising campaign to renovate AIT central Library and create an AIT plaza, and improve the state of AIT finances. The GBM members also interacted with H. E. Dr. Subin Pinkayan, Chairman of AIT Board of Trustees who provide insight on AIT’s roadmap to the future.

AAO continued its efforts in connecting and communicating with more alumni from around the world by end of 2013, a further 825 students graduated from AIT representing 40 countries/territories to join the Alumni Family.

ALUMNI AWARDS AND APPOINTMENTS

Government of Nepal has promoted and appointed AIT Alumnus Mr. Shambhu K.C., graduate of Urban Environmental Management, School of Environment, Resources and Development in 1998 as Director General of Department of Urban Development & Building Construction, Ministry of Urban Development.

Madhav P Ghimire, appointed as Minister of Home Affairs and Minister of Foreign Affairs in the Nepal’s interim government. He graduated with a Master’s in Human Settlements and Development from the School of Environment, Resources and Development (SERD) in 1992. Along with Prof. Karl E. Weber, he is the co-editor of a book titled “Bibliography on Environmental Studies” published by AIT in 1993. He was awarded the best alumni award in 2005 by the AIT Alumni Association at its annual meeting held in Indonesia.

Dr. Hoang Nam, appointed as Vice Rector of Resource Development, Ho Chi Minh City University of Technology (HCMUT), Vietnam: He received both his Master’s and Doctoral degrees in Structural Engineering from AIT in 1998 and 2004, respectively. Prior to his appointment as Vice Rector, Dr. Hoang Nam has served as Associate Dean (Academic and Outreach activities).

Dr. Vu The Dung, appointed as the Vice Rector for Development and Quality Assurance, Ho Chi Minh City University of Technology (HCMUT), Vietnam: He received his Master’s in Business Administration (International Business) from AIT in 1999 and his Doctorate in Business Administration (Marketing), College of Business and Public Administration, Old Dominion University, USA. Prior to his appointment as Vice Rector, Dr. Dung has served as Vice Dean, School of Industrial Management and as Director, Office for International Study Programs, HCMUT.

Ms. Kathlyn Kissy Sumaylo, AIT alumnus selected “Manila 40 under 40’ awardee”; graduated with a Master’s in Gender and Development Studies (GDS) from AIT in 2008, has been selected by Devex for the “Manila 40 under 40’ award for her work in international development.

Mr. Marrut Manistitya, appointed as managing director for Thailand, Hitachi Data Systems. He received a Master’s of Engineering degree from AIT in Industrial Engineering and Management in 1994.

Mr. Shavindranath Fernando, (AIT Energy’ 82 and distinguished Alumnus) promoted to General Manager, Ceylon Electricity Board (CEB), Mr. Fernando, was also recently appointed as the President of the Institution of Engineers Sri Lanka which has a membership of over 12,000. This is the highest post any engineer can achieve in Sri Lanka.

Mr. Preecha Ekkunagul, has been appointed as President and CEO of Central Pattana Public Co. Ltd (CPN).

His appointment was announced on 6 December 2013 after a meeting of the Board of Directors of CPN. An alumnus of Industrial Engineering and Management (IEM), Mr. Preecha replaces Mr. Kobchai Chirathivat. He will assume his responsibility from 2 January 2014.

Mr. Preecha received his Master’s degree in Engineering from AIT in 1981, and his Bachelor’s in Chemical Engineering from Chulalongkorn University. He is an experienced business administrator with an experience spanning three decades. Mr Preecha has been in senior administrative positions in the Central Group since 1995. He has served as Managing Director of Big C Supercenter Public Company Limited (1995- 2000); President of CRC Power Retail Co., Ltd. and B2S Co., Ltd. (2000 - 2003); and President of Robinson Department Store Public Co., Ltd. (2003 – 2013).
### FACULTY AT A GLANCE

#### 2013 FACULTY FIGURES

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Faculty Headcount</th>
<th>Faculty Strength in FTE*</th>
<th>Students</th>
<th>Student-to-Faculty (FTE) Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>School of Engineering and Technology</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Full-time Faculty</td>
<td>33.5</td>
<td>30.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visiting Faculty</td>
<td>17.2</td>
<td>8.6</td>
<td>991/482₁</td>
<td>14.1₁</td>
</tr>
<tr>
<td>Adjunct Faculty</td>
<td>37.4</td>
<td>9.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>85.1</strong></td>
<td><strong>48.4</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>School of Environment, Resources and Development</strong></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time Faculty</td>
<td>30.3</td>
<td>30.3</td>
<td></td>
<td>534</td>
</tr>
<tr>
<td>Visiting Faculty</td>
<td>5.9</td>
<td>3.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adjunct Faculty</td>
<td>16.0</td>
<td>4.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>52.3</strong></td>
<td><strong>37.3</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>School of Management</strong></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time Faculty</td>
<td>7.9</td>
<td>7.9</td>
<td></td>
<td>522</td>
</tr>
<tr>
<td>Visiting Faculty</td>
<td>5.3</td>
<td>2.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adjunct Faculty</td>
<td>21.0</td>
<td>5.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>34.1</strong></td>
<td><strong>15.7</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Asian Institute of Technology</strong></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time Faculty</td>
<td>68.7</td>
<td>68.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visiting Faculty</td>
<td>28.3</td>
<td>14.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adjunct Faculty</td>
<td>74.4</td>
<td>18.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>171.4</strong></td>
<td><strong>101.4</strong></td>
<td></td>
<td>1.797₁</td>
</tr>
</tbody>
</table>

*FTE is computed by multiplying the headcount by the FTE factors, where 1 is used for Chair Professor, Professor, Associate Professor, Assistant Professor, Instructor, and long-term Visiting Faculty; 0.5 for short-term Visiting Faculty; and 0.25 for Adjunct Faculty.

*Including 59 inter-school students.
AIT’s Management Programs Among Global Top 20

AIT School of Management (SOM) is one of the Asian region’s leaders in management education and research. SOM provides exceptional individuals with a supportive environment in which they can develop their skills and aptitudes, helping them to reach their professional goals and to serve the interests of countries in the Asia-Pacific region. The School’s core strength lies in tailoring entrepreneurship and leadership education to match local needs, and in expanding Asian entrepreneurship concepts to other regions.

AIT SOM was established in October 1987 to meet the growing needs in Asia for graduate management education. In line with AIT’s mission, SOM’s objective is to make a difference in the quality of management education and practices in the Asia-Pacific region leading to sustainable development, technological leadership, entrepreneurial spirit, wealth creation and pride. SOM believes in the development of corporate leaders not just for the present but also for the future to face the challenges posed by the dramatic social, economic, political and technological changes in Asia. The programs at SOM offer a unique competitive advantage to managers and future leaders in the region.

In 2013 the School was comprised of 8 full-time faculty members and 27 adjunct/visiting faculty members from more than 15 countries. With an increasing diversity in its student and faculty bodies, the School of Management has been able to recruit students from diverse regions of the world.

AIT’s prestigious Management programs have been ranked among the top global and regional programs 5 years in a row. Most AIT programs have improved their rankings in the latest Eduniversal Best Master’s, which was released on 24 December 2013.

Three AIT programs are ranked among the top programs in the world, while five programs are ranked among the top programs in Far East Asia. In eight sectors, AIT programs have been rated as best in Thailand. The three programs that make it to the global top include Master’s in Agribusiness Management (14th in the Agribusiness and Food Industry Management Sector, third in Asia, and first in the Far East Asia and Thailand). AIT’s MBA program has been ranked 54th in the field of Entrepreneurship, and 58th in the field of Sustainable Development and Environmental Management.

AIT’s Master’s program in Management of Technology is rated 11th in Far East Asia in the sector “Engineering and Project Management”, while its Executive MBA program is ranked 13th in Far East Asia. The Professional Master’s in Banking and Finance is rated 13th in Far East Asia in the sector “Corporate Finance,” the MBA full time program is rated 16th among MBA programs in Far East Asia, and 19th in the sector “General Management.” All AIT programs come out as the best programs in Thailand.
A. 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 School of Engineering and Technology (SET) of AIT in collaboration with AIT Centre 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 Geo-System Exploration and Petroleum Geo-Engineering (GEPG): AIT’s School of Engineering and Technology (SET) collaborated with the AIT Center in Vietnam (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: The School of Engineering and Technology (SET) in collaboration with the AIT Center in Vietnam (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 the School of Engineering and Technology (SET) with the AIT Center 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: School of Engineering and Technology (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.

7. 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.

B. INTEGRATED BACHELOR AND MASTER’S PROGRAMS:

1. Rangsit University (RU), Thailand: Unified Bachelor and Master’s Programs of Electrical Engineering, Computer Engineering and Civil Engineering. Duration of the program is 5 years integrated program. Bachelor degree from Rangsit University and Master’s Degree from AIT. Students with Bachelor degree in Electrical Engineering are eligible to enroll for 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 and Geographic Information Systems and Nanotechnology.

2. **Sam Higginbottom Institute of Agriculture, Technology & 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 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 Bachelor degree of Civil Engineering can enroll for graduate degree program in the areas of Construction, Engineering and Infrastructure 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 degree in Water Resource Engineering can enroll for graduate program at AIT in the area of Water Engineering and Management.

3. **Jawaharlal Nehru Technological University Kakinada (JNTUK), India:** Jawaharlal Nehru Technological University Kakinada (JNTUK), Kakinada, in Association with Asian Institute of Technology (AIT) offers 5 Years 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 Sensing and Geographic Information Systems.

4. **Jawaharlal Nehru Technology University Hyderabad (JNTUH), India:** Jawaharlal Nehru Technological University Kakinada (JNTUK), Hyderabad, in Association with Asian Institute of Technology (AIT) offers 5 Years Integrated Bachelor - Master’s Degree Program for engineering students. The student with bachelor degree in Civil Engineering can enroll for graduate program at AIT in the areas of Construction Engineering and Infrastructure Management and Remote Sensing 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:** 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.

**C. DUAL DEGREE PROGRAM:**

1. **Telecom SudParis, France: Dual Master’s Degree**

AIT and Telecom SudParis join 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 Communications Technologies and Telecommunications. The students join second year at Telecom SudParis and take up courses as listed: 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 Communications 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 program is one of the few program worldwide that addresses the need for Master’s 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 program is jointly offered by the Asian Institute of Technology (AIT) and UNESCO-IHE Institute for Water Education (UNESCO-
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 (FBT). The bachelor degree is awarded by SHIATS and master’s degree is awarded by AIT.

C. DOUBLE DEGREE PROGRAM (1+1 YEARS):
1. Urban Water Engineering and Management (UWEM) with UNESCO IHE – Institute of Water Education, Netherlands:

The Urban Water Engineering and Management program is one of the few programs worldwide that addresses the need for Master’s 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 program is jointly offered by the Asian Institute of Technology (AIT) and UNESCO-IHE Institute for Water Education (UNESCO-IHE). The UWEM program is a double degree program. Students who successfully complete this program 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 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 (UNESCO-IHE) offer a double degree master’s program in Environmental Technology for Sustainable Development (ETSuD). The ETSuD program offers students the possibility to study at two renowned institutes for international postgraduate education: AIT and UNESCO-IHE. The coursework part of the program 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 program 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 program 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.

D. PROFESSIONAL MASTER’S PROGRAM (1 YEAR):

1. 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 School of Environment, Resources and Development (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.
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 33 credits to receive the professional Master’s degree.

2. 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. 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 studying 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. Urban Management (PM-UM):

Professional Master’s in Urban Management (PM-UM) Program is a collaboration between the Asian Institute of Technology (AIT) - through Urban and 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. Water Technology and Management (PM-WTM):

Professional Master’s Degree in Water Technology and Management (PM-WTM) is jointly developed by the Environmental Engineering and Management FOS, and Metropolitan Water 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.
E. CERTIFICATE PROGRAMS:

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 the 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.

F. DIPLOMA

Candidates must satisfactorily complete a minimum of 24 credits of coursework including a minimum of 2 credits and a maximum of 6 credits from special study leading to the presentation of a project report in a period of one year (or two semesters).

SCHOOL OF MANAGEMENT

A. 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 which 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 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 approaches and skills needed to face the challenge of managing the changing energy business paradigms and energy markets.

B. 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) dividing into 3 trips. The participants will take some courses during the first two trips to Bangkok.

C. DUAL DEGREE PROGRAMS

SOM offers dual degree MBA programs collaborating with partners universities in Europe. In dual degree MBA program students finish either 2 or 3 semesters in AIT and finish 2 semesters in a partner university to get Dual degree.

a. ESCP, France
b. SKEMA, France
c. HHL, Germany
d. EBS, Germany

D. TWO STAGE MBA PROGRAM

SOM, in collaboration with AITM-Nepal offers two stage Master’s program in Business Administration. Student who joins in this program in Nepal finish 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.
RESEARCH

SCHOOL OF ENGINEERING AND TECHNOLOGY

FACULTY SPONSORED RESEARCH:

<table>
<thead>
<tr>
<th>Duration</th>
<th>Total Budget (Baht)</th>
<th>Overhead (Baht)</th>
<th>Faculty Time (Baht)</th>
</tr>
</thead>
<tbody>
<tr>
<td>January – December 2013</td>
<td>64,666,624.53</td>
<td>4,420,947.76</td>
<td>6,940,330.50</td>
</tr>
<tr>
<td>34 projects</td>
<td></td>
<td></td>
<td>652,476.50</td>
</tr>
</tbody>
</table>

(A Total of thirty three research sponsored projects were initiated in January – December 2013 with a total budget of approximately 40.77 million Baht)

STUDENT RESEARCH:

A total of 310 researches were completed in SET in the year 2013 including Master’s theses, Doctoral dissertations and other research projects.

Ms. Trang Bui Thi Thu, a Master’s student of the School of Engineering and Technology was awarded ‘University of Nairobi-IDRC Research Grants on Innovative Application of ICTs in Addressing Water-related Impacts of Climate Change’. Ms. Bui is conducted her research under the supervision of Dr. Sangam Shrestha, Assistant Professor of Water Engineering and Management (WEM).

Mr. S. H. M. Fakhruddin, a doctoral student at the School of Engineering and Technology (SET) has been granted the American Geophysical Union (AGU) Berkner Fellowship. His paper on “Medium Range Ensembles Flood Forecasts for Community Level Applications” is among the three selected as an Outstanding Student Paper. Supervised by Prof. Mukand Singh Babel of AIT, and Dr. Aki-yuki Kawasaki, visiting faculty at AIT of the University of Tokyo, created a model to increase lead-time for flood forecasting in Bangladesh.

A student of SET has bagged the "Best Student Paper" award at the 3M Nano conference held at Suzhou, China. The conference on “Manipulation, Manufacturing and Measurement on the Nano Scale” saw Mr. Om Prakash Gujela, a Master’s student of the Mechatronics Field of Study in AIT’s School of Engineering and Technology (SET) receive the best paper award from Prof. Zuobin Wang of Changchun University of Science and Technology, China. The paper was co-authored by three AIT alumni - Dr. Muzamil Bokhari, Dr. Ajab Khan Kasi, Dr. Zafar Khan Kasi; Mr. Om Prakash Gujela; and Dr. Nitin Afzulpurkar, former Dean, SET. The paper is titled “Improving Photo-electric Conversion Efficiency of DSSC Using ZnO/ZnP Composite Nanorods.”

SCHOOL OF ENVIRONMENT, RESOURCES AND DEVELOPMENT

FACULTY SPONSORED RESEARCH:

<table>
<thead>
<tr>
<th>Duration</th>
<th>Total Budget (Baht)</th>
<th>Overhead (Baht)</th>
<th>Faculty Time (Baht)</th>
</tr>
</thead>
<tbody>
<tr>
<td>January – December 2013</td>
<td>88,576,623.54</td>
<td>8,249,304.38</td>
<td>4,953,522.01</td>
</tr>
<tr>
<td>28 projects</td>
<td></td>
<td></td>
<td>4,829,793.92</td>
</tr>
</tbody>
</table>

A total of 220 researches were completed in SERD in the year 2013 including Master’s theses, Doctoral dissertations and other research projects. There were 18 researches completed in SERD-SET interdisciplinary program and 20 projects completed in SERD-SOM interdisciplinary program.

STUDENT RESEARCH:

Doctoral student Mr. Ngo Thanh Son, was awarded the “University of Nairobi-International Development Research Centre (IDRC) Research Grants Award.” The award is granted to strengthen the capacity of Master’s and Doctoral students in universities in Africa, Asia and Latin America to more effectively engage in research on
innovative application of ICTs in addressing water-related impacts of climate change leading to appropriate policy formulation. The award comprises of a cash grant of CAD $15,000. Mr. Ngo Thanh Son is conducting his research on “Assessment of Land Use Change and Climate Variability on Water Resources for the Upper Ma River Basin of Viet Nam”. His research aims to use the Soil and Water Assessment Tools (SWAT) model to assess the impacts of land use change and climate variability on water resources for the upper Ma river basin of Viet Nam. Mr. Son is conducting his research under the supervision of Dr. Rajendra P Shrestha, Associate Professor, Natural Resources Management (NRM), at SERD.

Mr. Nguyen Hong Phuc, Master’s student of Environmental Engineering and Management Field of study was awarded The Best Master’s Student paper award from the West Coast Section – Air and Waste Management Association based in the United States in May 2013 for a paper he co-authored. Based on his research conducted in 2011, Phuc found evidence that reducing indoor air pollutants led to the “win-win” result of increased air quality at local levels and decreased emissions of greenhouse gases at the global scale.

### SCHOOL OF MANAGEMENT

#### FACULTY SPONSORED RESEARCH:

<table>
<thead>
<tr>
<th>Duration</th>
<th>Total Budget (Baht)</th>
</tr>
</thead>
<tbody>
<tr>
<td>January – December 2013</td>
<td>35,121,147.60</td>
</tr>
</tbody>
</table>

| 4 projects                |                     |

#### INTERNET EDUCATION AND RESEARCH LABORATORY (INTERLAB)

intERLab’s main strength is based on Mobile Ad Hoc Network technology and applications triggered by its early research collaborations Digital Ubiquitous Broadband OLSR (DUMBO) project with the Hipercom group of the Institut national de recherche en informatique et en automatique (INRIA) in 2006. The intERLab team has since developed its own mobile router firmware (DUMBONET router) and applied the technology in three different research areas: Disaster Communication Networks, Vehicular Networks and Community Wireless Networks. Major sponsoring agencies in 2013 were the CISCO University Research Grant, the National Electronic and Computer Technology Center (NECTEC), the National Science and Technology Development Agency (NSTDA), the Thai Network Information Center Foundation and the Information Society Innovation Fund (ISIF Asia).

In disaster emergency communication networks, disruptions are common and inevitable because of many factors which include, but are not limited to, RF propagation range, terrain, and equipment malfunction. The Disruption Tolerant Networking (DTN) technology was incorporated into our DUMBONET mobile routers. With the widespread adoptions of smartphones and tablets, DUMBONET mobile routers allow connections from these mobile devices allowing smartphones and tablets to use the DTN services with ease. Robotic Ad Hoc Network (RANET) where small robots are used to help create communication networks as well as bulk file transfer under harsh condition with network coding were explored.

For vehicular networks, intERLab’s project on Car talk as a Service (CaaS) where DUMBONET mobile routers with traffic information services serve two research goals. The first one is to study potential business models that would enable both vehicle-to-vehicle (V2V) and vehicle-to-other...
The five thematic research areas of SDCC are:

1. Disaster Risk Management (DRM) (Thematic leader: Dr. Manzul Hazarika)
2. Sustainable Land and Water Resources Management (SLWRM) (Thematic leader: Dr. Prabhat Kumar)
3. Business and Innovation Models for a Green Economy (BIMGE) (Thematic leader: Dr. Yuosre Badir)
4. Urban and Rural Quality of Life and Sustainability (URLS) (Thematic leader: Dr. Edsel Sajor)
5. Low Carbon and Sustainable Production & Consumption Technologies & Management (LCSPC) (Thematic leader: Prof. Sivanappan Kumar)
THAILAND ACCIDENT RESEARCH CENTER (TARC)

Main Task: Road Accident Investigation

TARC, being the center of excellence in road safety in the Asia-Pacific region have been conducting a scientific approach of road accident investigation and reconstruction study. TARC has been actively involved in the accident investigation to inspect accident site, gather evidence and also to determine the causes of accident and answer how and why the accident occurred. The report per each accident including the general information of crash, pre-crash speed by crash deformation and the contributing factor for accident and injury level have been prepared. To disseminate the accident in-depth information to the public, stakeholder organization, the reports are made available in TARC website.

Project Activities: Motorcycle Accident Analysis: Phase I completed

With the cooperation with Yamaha Corp., TARC initiated an in-depth research on motorcycle accident in Thailand. The project included the detail analysis on both Macroscopic and Microscopic motorcycle accident data and the simulation of motorcycle accident pattern. The first phase of the project began with compiling of motorcycle accident data from many existing reliable sources. The objective of this project is to conduct the comprehensive survey of motorcycle-related accidents including the in-depth study of a selection of the most relevant motorcycle accident types based on occurrence and injury level. This in-depth study was conducted on the macro accident database in Thailand. The most important accident types and prominent causes were identified in the first phase. After that, the micro accident analysis will be conducted through the accident investigation and reconstruction in the next phase.

Trainings and seminars

Not only focused on accident investigation, TARC has been organizing and involving on several workshops, seminars and training program also. Following are the highlights of TARC’s activities of such programs in 2013.

- Participated and presented papers in “11th Thailand Road Safety Seminar- Right & Road Safety”.
- TARC organized one day workshop program for Royal Thai police about road safety.

Media

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

Miscellaneous

Apart from above, TARC has been involved in other activities like:

- Post-crash evaluation of Crash Cushion in Vibhavadi Rangsit Road.
- “Dynamic Friction Test” on the highway of Chantaburi Province to evaluate the coefficient of friction changes before and after road pavement surface treatment.
ASIAN CENTER FOR SOIL IMPROVEMENT AND GEOSYNTHETICS (ACSIG)

Main Task: Quality control test for geosyntheticss

In response to the demand of the market for quality control and quality assurance of geosynthetic products, ACSIG provides commercial testing of PVDs, geotextiles, geomembranes and geosynthetics applying the ASTM and BSI testing standard as well as contribute in advancing the innovative use of soil improvement geosystems and geosynthetics in geotechnical applications. Moreover, laboratory testing facilities and information have been provided to student researches related to soil improvement and geosynthetic applications.

ACSIG has been actively involved in the geosynthetics laboratory test project in Thailand from Marine Department, Department of Highways, Department of Rural Roads and Department of Public Works and Town & Country Planning.

Listed herewith are the commercial testing provided by ACSIG to clients and its corresponding testing standards:

- Grab Tensile Strength - ASTM D4632-91
- Trapezoidal Tear - ASTM D4533-91
- Puncture Resistance - ASTM D4833-88
- Burst Strength - ASTM D3786-87
- Thickness - ASTM D5199-91
- Mass Per Unit Area (Weight) - ASTM D5261-84
- Width - ASTM D3774-84
- Apparent Opening Size (AOS) - ASTM D4751-87, BS6906: Part 2: 1989
- Tensile Strength - ASTM D638 type IV, ASTM D412
- Discharge Capacity Test - ASTM D4716-87, Modified Triaxial
- Dynamic Cone Drop Test - BS6906: Part 6: 1989
- Wire Tensile Test - BS 4545: 1970
- Zinc-coating Test - BS 443: 1982
- Factory Seam Tensile Test - ASTM D4437-84

ACSIG Laboratory Facilities
SCHOOL OF ENVIRONMENT, RESOURCES AND DEVELOPMENT

An Expert Workshop on “Managing Water Resources under Climate Uncertainty: Challenges and Opportunities” was organized on 17 - 18 October 2013 in Windsor Suites Hotel, Bangkok.

The workshop was organized by Asian Institute of Technology (AIT), one of the partners in SEA-EU-NET II project.

SEA-EU-NET II aims to strengthen bi-regional EU-ASEAN Science and Technology Cooperation through coordination and support actions targeted towards the three major societal challenges, namely: Water management; Health; and Food security and safety. The organizing committee members were Dr. Anil Kumar Anal (SERD), Dr. P. Abdul Salam (SERD) and Dr. Sangam Shrestha (SET).

AIT EXTENSION

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 cutting-edge, 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.

Power Sector Capacity Development Program (PSCDP): a one-year project for Power Division, Ministry of Power, Energy and Mineral Resources, Government of Bangladesh, funded by Asian Development Bank (ADB) was conducted in 2013. Under the PSCDP project, a total of 27 professional development courses were conducted for 350+ participants, focusing primarily on the technical and management aspects of power sector. The training programs mainly emphasized on topics such as clean development management; operation & maintenance of transmission line, distribution sub-stations, generators, boiler, gas turbine; implementing selective ERP application and management; economic load management; long term power system planning, energy management; renewable energy; coal power generation; project management; strategic human resources/ change management, contract management; performance management; public private partnership, etc. All courses were completed successfully on-time. The program won the best project of the year 2013 funded by ADB.

A major project undertaken by AIT Extension during 2013 was to enhance the technical and management skills of state-owned oil and gas companies of Bangladesh. Ten courses focusing on the topics such as management and leadership development program, human resource management, emerging issues for oil & gas industries, operation and maintenance of gas metering system, accounting & auditing for oil & gas companies, cogeneration technologies, planning & managing oil & gas companies, etc. were delivered to 130+ officials.

In 2013, AIT Extension conducted 12 training programs for 100+ top & mid-level official of Bangladesh Water Development Board (BWDB). Courses focused on topics such as flood control, drainage and irrigation, financial management in developing projects, management of large irrigation projects, irrigation management by participatory approach, database management system for water resources projects, human resource/change management, and disaster management.

Higher Education Commission, 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 organized four Advanced Faculty Professional Development Programs on Ensuring Training Effectiveness for over one hundred faculty members and administrators from public universities in Pakistan. 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. Currently, AIT Extension is organizing the same Advanced Faculty Professional Development Program for the fifth batch of 24 participants. In this program, Learning Management System (LMS) is also integrated as an online tool for participants to interact and share their learning experiences.

AIT’s collaboration with Ministry of Education and Sports, Lao PDR: Since 2013, AIT Extension has successfully organized two Professional Development Programs on Education Planning, Budgeting, and Monitoring for government officials from Ministry of Education and Sports, Lao PDR. This training program focused on monitoring and evaluation phase of the Education for All Fast Track Initiative (EFA FTI) programs, taking into consideration important aspects of planning and budgeting component. The program emphasized linkage of planning and budgeting stages with results measurement, leading to continuous improvement of overall program performance. After these training programs, officials were able to develop and apply appropriate tools and reporting framework that helps them to produces meaningful monitoring and evaluation reports.

Office of the Civil Service Commission (OCSC), Government of Thailand: In 2013, AIT Extension was contracted...
by the Office of the Civil Service Commission to design and conduct High Performance and Potential Systems to enhance capacity of young and talented Thai government officials working in various ministries and departments. The natures of this program are talent management and leadership development that will support ASEAN regional policy integration. There were 72 government officials participated in this program. AIT’s role was to serve as lead facilitator to conduct learning sessions, in country and regional exposure visits program. AIT’s facilitators facilitated learning activities in Brunei, Malaysia and Philippines, and guided the participants to prepare comparative studies that address readiness of each country for ASEAN regional integration. The program was 3 weeks and the subject contents covered leadership, problem analysis and decision making and strategic communication skills. AIT’s facilitators also carried various group exercises and project works to ensure that the program yields tangible outcomes.

**Banking and Finance Programs:** AIT Extension works with the AIT School of Management to deliver the Professional Master’s in Banking and Finance. The number of intakes for 2012 and 2013 were 26 and 19, respectively. The participants were from three countries: Bangladesh, Bhutan and Myanmar. The sponsor organizations were such as Bangladesh Bank, the Central Bank of Bangladesh and Bank of Bhutan Limited. The total revenues were THB 24.330 million. In addition, five short courses were conducted in 2013. The total number of participants were 63 from seven countries i.e. Bangladesh, Bhutan, India, Myanmar, Pakistan, Philippines and Sudan. The sponsor organizations included Bangladesh Bank, Central Bank of Bangladesh, Bank of Bhutan Limited, CORIN-Asia, etc. The total revenues were THB 3.2 million.

**Partnership with the USAID LEAD Program:** AIT has been collaborating with the US Agency for International Development (USAID) funded regional program on Low Emissions Asian Development (LEAD) for supporting developing countries in Asia to implement country-led plans, programs and policies to achieve long term, transformative development and accelerate sustainable, climate-resilient economic growth while slowing the emission of greenhouse gas by implementing Low Emission Development Strategy (LEDS). The intention is to build the capacity of government and non-governmental partners in developing and using LEDS in four interrelated areas: analysis and modeling of economic development pathways, emissions trajectories, and technology options; greenhouse gas inventories and accounting; carbon market development; and regional cooperation.

**The Asian Greenhouse Gas Management Center (AGMC)** is a new regional initiative launched by the USAID LEAD program, in cooperation with the Asian Institute of Technology (AIT) and the Greenhouse Gas Management Institute (GHGMI), to provide online and classroom based courses and diplomas for both officials and practitioners who want to promote economic development while reducing the growth in greenhouse gases that contribute to climate change. Established initially under the umbrella of AIT Extension, and working closely with the AIT Energy FoS, AGMC will deliver demand-driven courses and capacity building programs on LEDS relevant activities through a blended approach of e-learning and in-person trainings to support the implementation of LEDS in 11 partner countries: Bangladesh, Cambodia, India, Indonesia, Laos, Malaysia, Nepal, Papua New Guinea, Philippines, Thailand, and Vietnam. AGMC will soon launch a new blended e-learning course on the 2006 International Panel on Climate Change (IPCC) Guidelines for National Greenhouse Gas Inventories. The course is the first of a series offered by the AGMC leading to a Diploma in IPCC methodologies.

**Yunus Center AIT:** Since its reorganization as an AIT Extension program unit in 2012, the Yunus Center AIT has consolidated its thematic work focus into six activity areas, each essential to the propagation of Professor Yunus’ enterprise-led-development model as an approach. During 2013, the Yunus Center ran trainings attended by over 100 participants in Thailand and Sri Lanka with participants from over dozen countries. Pilots have been implemented in collaboration with a number of visiting scholars or experts in the areas of mobile-diagnosis, water & sanitation, and behavior change for social business. Yunus Center’s emerging partnership with the Thai Social Enterprise Office aims to enable aspiring social entrepreneurs in Thailand to develop and manage their own social businesses. A group of 30 social enterprise leaders will proceed on an exposure visit to Dhaka, Bangladesh. A professional training program in fundraising and social business is being launched in 2014 in collaboration with a European partner, in addition to a series of Project Management workshops offered as a PMI-licensed training partner. Yunus Center will soon recoup the investment AIT has made over the past decade.

**AIT CONSULTING**

Established by the Asian Institute of Technology (AIT) in 2010, AIT Consulting (AITC) offers integrated solutions in technology, engineering, environment, development, and management. AITC assists the Institute in its mission to contribute to sustainable growth in today’s rapidly developing world by creating new opportunities to apply AIT’s diverse expertise to address a broad range of issues and challenges.

By mobilizing a team from a pool of experts existing at the Institute, including internationally recognized faculty and experienced researchers; talented alumni; and external partners; AIT...
Consulting provides partners and clients access to renowned centers of excellence, regional hubs, research facilities housed at AIT, and a wide network of professionals all over the world.

THE YEAR IN REVIEW

On its third year of operation, AIT Consulting (AITC) continued to strengthen the quality and delivery of integrated solutions and services.

In 2013, an increase in project execution was noticeable with AITC conducting approximately 40% more than in 2012, in 15 countries, working with over 30 clients/partners. Eight countries/regions were newly reached this year including the People’s Republic of China, Brunei Darussalam, and the Caribbean.

Focusing on seeking ways to align new applications for core solutions and services, several key knowledge areas were explored including opportunities in energy and environment, geo-technical engineering, software development, supply chain and logistics, and transportation engineering. Partnerships with international organizations were also carefully fostered, particularly with the Asian Development Bank.

Development on the Hybrid e-Learning Project was prioritized in 2013 initially to allow AITC to respond to client requests for knowledge transfer and sharing. Also known as the Hybrid Professional Development Program, this project studied how to address the changing environment in education, specifically for the delivery of professional programs through a combination of distance and classroom approaches, using the AITC e-Learning Tool.

Another key priority this year was networking to make way for targeted and concentrated efforts in 2014. Organizing the AIT Technology Event in July 2013 was one of the major activities that aimed to facilitate building recognition for AIT and providing an area to determine priorities for business development.

AITC continues its assistance to campus development by contributing to AIT’s task force for Bangkok’s Future Flood Protection and the AIT Main Campus Rebuilding and Upgrading Committee.

ACECOMS WORKING IN CLOSE COORDINATION WITH AIT CONSULTING

The Asian Center for Engineering Computations and Software (ACECOMS) was established in 1995 to address research in engineering computations and the development of quality computer software tools for engineering applications and subsequently widespread spread promotion and training for effective use. Upon its launch, ACECOMS not only became one of AIT’s initial self-sustaining centers but also the region’s first in its field.

This year, ACECOMS was integral to the organization of several capacity building programs including training sessions on modeling, analysis and design of reinforced concrete (RC) buildings using ETABS2013 in Luang Prabang, Lao PDR, and participation in the 16th ASEP International Convention hosted by the Association of Structural Engineers of the Philippines, Inc. (ASEP) in Manila, Philippines. Software packages developed by Computers and Structures, Inc. (CSI), a long term partner, were also presented during the ASEP convention.

Professional Development Workshops/Seminars by ACECOMS

- Structural Design of Tall Buildings for the Ministry of Construction, Myanmar
- Structural Design of Pre-stressed Concrete (PSC) Bridges for the Ministry of Construction, Myanmar
- PPP in Practice for Transportation Sector for the Ministry of Ports and Highways (MPH), Sri Lanka
- International Seminar and Workshop on Performance-based Design of RC Buildings (In-house Training)
- Modeling, Analysis and Design of RC Building using ETABS for the Vientiane Institute of Technology and Lovanh Consultants, Lao PDR

KEY INITIATIVES

AIT Technology Event

By organizing the first AIT Technology Event in July, AITC strived to convey to the private sector the Institute’s readiness to assist specific areas that may find value utilizing technology and management practices developed in AIT. This resulted in increasing the awareness of various capabilities of AIT while providing the AIT community an opportunity to create new linkages, strengthen ties with current partners, and identify potential and priority areas.

Hybrid eLearning Project

The Hybrid eLearning Project, also known as the Hybrid Professional Development Program, was conceptualized and developed at AIT Consulting (AITC), Asian Institute of Technology, Thailand, to enable wider access to quality professional programs through a combination of distance and classroom approaches, and provide access to the innovative AITC eLearning Tool.
SALIENT PROJECTS 2013

Structural Design Review of the New Headquarters Building for the Ministry of Foreign Affairs and Trade, Brunei Darussalam

Jurusy Perunding, Brunei Darussalam is a leading consulting company on the areas of engineering and project management. Established in 2001, Jurusy Perunding has a proven track record of delivering quality projects from building engineering projects such as highways, to complex and large-scale ICT systems.

AIT Consulting was awarded by Jurusy Perunding, Brunei to conduct the structural design review for the new headquarters of the Ministry of Foreign Affairs and Trade (MOFAT), Brunei Darussalam. The MOFAT tower is a 13-story building, having many different and special structural elements. The scope of work covered the preliminary review of the drawings, based on which the structural design review will be performed by AITC using information from structural drawings provided by project structural engineers.

Nanotechnology Roadmap Development for the Sewerage Sector in Malaysia

Conventional wastewater treatment systems are currently being utilized in Malaysia to serve the nation and protect the environment. Such treatments can control organic and inorganic wastes potentially but heavily depends on various factors such as influent wastewater, operation, and maintenance. These methods can be energy intensive rendering long term use to be uneconomical for Malaysia.

Malaysia’s national sewerage company, Indah Water Konsortium (IWK) is looking into this issue closely together with experts from the Asian Institute of Technology, Thailand and Sultan Qaboos University, Oman.

Led by Prof. Joydeep Dutta, Chair in Nanotechnology, Water Research Center, Sultan Qaboos University, Oman and Dr. Naveed Anwar, Executive Director, AIT Consulting, this project entailed the development of cost-effective alternative wastewater treatment technologies that can create replicable, financially sustainable, and decentralized treatment systems for Malaysia. Potential nanotechnology applications were developed for wastewater treatment for IWK with a three-tier framework for a 10 year roadmap.

Project Procurement-related Review and Asset Inspections (PPRR) for the Asian Development Bank

This year, AIT Consulting performed three PPRR for ADB’s Office of Anticorruption and Integrity on ADB-financed projects in Lao PDR, People’s Republic of China (PRC), and Pakistan, covering public works developed for areas such as sustainable agriculture commercialization, natural resource management, and power transmission.

The objective of the PPRR is to confirm compliance with applicable ADB policies, guidelines, and loans or grant agreements.

The project in Ningxia, PRC was mostly on the infrastructure development for the growing wine production area in the province. In Lao PDR, the review focused on the construction and/or rehabilitation of water conveyance devices, irrigation canal/systems, rural roads, dams, and water pumps in the provinces of Savannakhet and Sekong. While in Pakistan, the assets inspected were part of the Power Transmission Project which was designed to provide all grid-connected consumers with an adequate and reliable supply of electricity, and support the government’s economic growth objectives.

Structural System Development and Design of the Manila Bay Resort Glass Dome and Corridor

Sy^2 + Associates, a leading structural engineering firm in the Philippines, is working with AIT Consulting on a structural system development and design project for the large glass dome and corridor located at Manila Bay Resort. Manila Bay Resort is a 45-hectare master-planned world-class entertainment and prime gaming destination to be located at the Bagong Nayong Pilipino at the Manila Bay area. This new development aims to bring the Philippine’s entertainment facilities at par with the rest of megacities in Asia and in the world.

The dome is nearly 100m in diameter and will be designed using a double layer lamella form. AIT Consulting will be conducting the structural system development and design of the glass dome and glass corridor in terms of suitability of the structural system conformance to the acceptable design codes, standards, and established engineering practices while preserving the structure’s aesthetic features and providing an economic and safe design.

Development of Handbook for Hazard, Vulnerability, and Risk Assessment for Decision-making for the Caribbean Islands

The University of Twente, Faculty of Geo-Information Science and Earth Observation (ITC), Netherlands, with its associate partner, the Asian Institute of Technology (AIT), was selected by the World Bank to develop a handbook for the Caribbean Risk Information Programme (CRIP) to support the integration of Disaster Risk Management (DRM) Strategies in critical sectors. The project aims to support the mainstreaming of natural hazard and disaster risk information into decision-making in physical planning and infrastructure sectors in targeted Caribbean countries: Belize, St. Lucia, Dominica, Grenada, and St. Vincent and the Grenadines.

AIT experts Dr. Manzul Kumar Hazarika, Associate Director, Geoinformatics Center, AIT and Dr. Naveed Anwar, Executive Director, AIT Consulting and Disaster Risk Man-
agement Expert will provide their expertise in geospatial data management and structural engineering aspects of the project in consultation with representatives of national governments, regional organizations, and private sectors.

Subsequent to the handbook development, experts from AIT and ITC, will give training to support the use of the handbook for the selected five Caribbean countries. AIT will also be leading nine hazard mapping studies using the handbook in the five participating countries such as landslide and flood hazard maps at the national level for Dominica, Grenada, St. Lucia, and St. Vincent and the Grenadines, and a national flood hazard map for Belize.

**Structural Design of 18-story Building in Dagon Seikkan Housing Project, Yangon, Myanmar**

At present, rapidly developing cities in Myanmar are in need of higher density residential buildings to match the increasing population in these areas which includes the Dagon Seikkan Housing Project in Yangon.

AIT Consulting was engaged by A1 Co. Ltd. to perform the structural design of an 18-story building located in Dagon Seikkan Housing Project, Yangon, Myanmar. The building is comprised of two towers, with total approximate floor area of 40,000 sqm.

The main objectives of the work include the structural design of the building in terms of suitability of structural system, cost effectiveness, efficient use of materials and other resources; conformance to the acceptable building codes, standards and established engineering practices, with special emphasis on the effects due to earthquake, winds, and other applicable demands.

**Seismic Hazard Study and Zoning of Offshore Location in Malaysia: Peninsular Malaysia, Sarawak, and Sabah Operations**

Seismic activity in the Malaysian basin has become a source of concern for oil operators. There are almost 250 platforms located within shallow Malaysian waters. The development of a seismic hazard map would allow the characterization of seismic activity and thus determine if the structures should be under concern during a seismic event. The Asian Institute of Technology (AIT) through AIT Consulting under the leadership of Dr. Pennung Warrnitchai, is working closely with the Offshore Engineering Centre of Universiti Teknologi Petronas (UTP) to perform a seismic hazard study of offshore locations in the Malaysian basin, specifically peninsular Malaysia, Sarawak, and Sabah.

The study primarily covers establishing inputs required for the seismic hazard assessment, carrying out the probabilistic seismic hazard assessment for the Malaysian basin, and the development of several site-specific seismic design criteria for offshore platforms also including the Malacca Strait and the East Sabah Fields.
COLLABORATIONS & PARTNERSHIPS


2013 HIGHLIGHTS

1. Strategic meeting with MoET

   a. Strategic meeting with MoET

   AIT Center in Vietnam (AITCV) met with the Ministry of Education and Training (MoET) to discuss a number of exciting and new collaborative initiatives on 2 May 2013.

   Among the issues discussed was membership to Council of Advisors (COA) from the Department of Higher Education, up-coming Council of Advisors meeting (planned for July 2013 but then postponed due to the transition at AIT), the possibility in setting up of AIT’s PhD Training Center in Vietnam and AIT’s future in Vietnam. An informal roundtable discussion among some of the senior alumni and AITCV COA members in Hanoi is being organized soon to discuss strategy for AIT in Vietnam.

   The Director of AIT Center in Vietnam informed the Vice Minister, Dr. Bui Van Ga that AIT is now under the guidance of earlier Board of Trustees and issues related to the degree validity has been resolved with Thai Ministry of Education, acknowledging that AIT degree is in fact, valid in Thailand.

   There are several ongoing degrees being delivered in Vietnam by AIT. Approval of these programs is needed according to the recent Decree 73 starting this year. AIT was requested to follow procedure outlined in the Decree. AIT Center in Vietnam has submitted all the necessary documents and is working closely with MoET designated officer to follow the procedures.

   From MoET, the meeting was attended by Dr. Bui Van Ga, Vice-Minister of Ministry of Education and Training (AITCV COA Chairman), Mr. Tran Ba Dung, Director and Ms. Nguyen Thi Minh Tam, Senior Officer (Department of International Cooperation) and Mr. Tuan, Deputy Director (Department of Higher Education). From AITCV Dr. Amrit N. Bart, Director, Ms. Nguyen Thi Bich Hoa (Head of ITIMS) and Ms. Nguyen Tan (PR- Communication Officer) attended this discussion.

   The meeting ended in a positive note with Dr. Bart on behalf of his AITCV Team thanking MoET for its continued and strong support of AIT-led activities in Vietnam over the years.

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

   On 18th October 2013, Prof. Voratas Kachitvichyanukul, Dean of School of Engineering and Technology (SET) – on behalf of AIT interim President, accompanied by Dr. Pham Huy Giao – SET Coordinator in Vietnam and Ms. Nguyen Thi Bich Hoa – SET Manager in Vietnam, met with H.E. Dr. Tran Quang Quy, Vice Minister of Education and Training, Government of Vietnam in Hanoi along with MoET Senior staff.

   Prof. Voratas briefed the Vice Minister on a number of different issues, reviewed current situation of AIT after several changes in management and leadership of AIT, reported that AIT turned to operation under the original charter until when the new Charter is approved by Thai Government, and sought further cooperation of MoET to the operation of AIT and AIT Center in Vietnam.

   H.E. Prof. Quy expressed Vietnam's appreciation for AIT's contribution to the human resource development of the country as the first international center in Vietnam in 1993. At the same time he affirmed that he is kept up to date on AIT’s situation through AITCV Director. Dr. Quy also reflected the concerns of Vietnamese students in AIT about the recognition of AIT degree in Vietnam reaffirming the government of Vietnam’s acceptance of the AIT degrees.

   On behalf of AIT President, Prof. Voratas once again thanked MoET for many years of strong support and expressed AIT’s hope of continued cooperation. Prof.
Voratas proposed a long-term cooperation in postdoctoral exchange programs following which young lecturers/researchers from Vietnamese universities can be selected for grant, cooperation in joint master/doctoral programs, especially in the field of Engineering and Technology. Concerning with this, Dr. Quy proposed AIT to consider joining 911 scholarship program for Ph.D program for university faculty.

2. Project winning achievements

a. The World Bank selects AIT Center Vietnam as the primary choice of institutions to establish Learning Center for Capacity Building on Environmental and Social Safeguards in Vietnam

Part of AusAID-World Bank partnership on environmental and socially sustainable infrastructure in East Asia and the Pacific aims to create Learning Centers in Vietnam, Indonesia and the Philippines. The learning center supports environmentally and socially sustainable infrastructure in Vietnam and the Mekong Sub-Region. Specifically, the Learning Center would provide training to relevant participants in infrastructure projects, certify Environmental Impact Assessment (EIA) and Social Impact Assessment (SIA) consultants, and work closely with other learning institutions, professional or industry associations and/or experts. The WB has identified suitable institutions in the region of South East Asia in the three countries Philippines, Indonesia and Vietnam.

WB evaluated six prominent national and three regional and one international institutions. AIT Center in Vietnam was recommended for selection based on its technical capacity, financial sustainability and coverage in Vietnam.

b. AITCV led consortium won the 5 million USD World Bank Grant to establish Vietnam Climate Innovation Center (VCIC)

InfoDev (www.infodev.org), a Global Partnership Program of The World Bank, with support from the Australian Government’s Overseas Aid Program AusAID and the United Kingdom’s UK Aid is launching a Climate Innovation Center (CIC) in Vietnam. The Vietnam CIC will provide a country-driven approach to addressing climate change and support the government of Vietnam’s National Strategy for Green Growth. As one of the first in a global network of CICs supported by infoDev’s Climate Technology Program in Asia, the Vietnam CIC will be a high-visibility organization that will attract attention from international organizations, regional bodies, governments, investors, multi-national corporations, and others. Each CIC provides a range of services to enable domestic entrepreneurs and new ventures to pro-actively and profitably develop innovative climate technology (clean tech) solutions. This supports countries’ economic development, job creation and green growth objectives.

The proposed services to be provided by the CIC include Access to Finance, Technology Commercialization, Venture Acceleration, Market Development. Additional background on the infoDev Climate Technology Program is available at: http://www.infodev.org/highlights/climate-technology-program-informational-brochure.

AITCV-led consortium has been awarded the World Bank Grant to establish Vietnam Climate Innovation Center. An initial grant award of up to USD 5 million will be made to support the 2 phases of CIC establishment, including Phase 1: Launch (year 1 to 2) and Phase 2: Scale-Up (year 3 to 5). And 5 million USD additional will be going to Fund management. In aggregate the project is expected to be around 15 million$. This funding will cover programs and implementation.

3. AIT Center Vietnam continues to invest in employee development.

a. Training for key personnel

AIT Center in Vietnam organized a 4-days intensive training program for key personnel in May 2013. The program was delivered by Prof. Sandro Calvani, from AIT Headquarters, and Mr. Giuseppe Lubatti, an expert in resource mobilization in development sector.

The first day of the training focused on emotional intelligence at the workplace, as well as the importance of communications, teambuilding, and networking skills. The rest of the program focused exclusively on how to develop strong proposals to secure fund from donors. Some of the important skills include having a holistic view of the development context and cooperation frameworks, solid understanding of the donors’ requirements and evaluation criteria, consistency between technical and financial proposal, as well as use of professional and appropriate language.

The training is part of AITCV’s long-term plan to further strengthen its expertise in resource mobilization and capacity building for development, utilizing the institute’s 54 years of history in excellent research and higher education.

b. Two staff of AITCV has been awarded iEMBA Scholarships in 2013

In alignment with the AITCV career development strategy and following the iEMBA Scholarships Scheme for AIT Vietnam staff, the two highly productive and promising staff, Ms. Nguyen Chau Ngoc Thao and Mr. Le Tuan, have been awarded AIT iEMBA Scholarships, intake 2013. Of those, one was offered full scholarship from AIT School of Management and the other was provided merit-based fellowship of 50% of the tuition fee from AIT School of Management and the remaining costs will be covered by AIT Center in Vietnam and the candidate.

The scholarships for staff is a strategic investment in building capacity for present and future core staff of AIT Center in Vietnam.
### ACADEMIC PROGRAMS IN COOPERATION WITH AIT SCHOOLS IN 2013

#### Overview

<table>
<thead>
<tr>
<th>Program</th>
<th>Participants</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>In collaboration with SOM</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>The 14th entry of iEMBA</strong> program with double specialization on International Business and Management of Technology</td>
<td>13 participants who are middle to top managers from local companies, SOEs, foreign JVC and international organizations such as Vietnam Electricity, Petro Vietnam, VINACOMIN, Microsoft Vietnam, Vietnam Mobile, Vietnam Cleaner Production Center, Bank of Investment and Development, etc.</td>
<td>Hanoi</td>
</tr>
<tr>
<td><strong>The 10th entry of iEMBA</strong> program with double specialization on International Business and Management of Technology</td>
<td>22 participants, mostly come from big companies in Vietnam like SaiGon Co-op Mart, ZeligPharma, Hochiminh City Power Corporation and many other private and international companies</td>
<td>HCMC</td>
</tr>
<tr>
<td><strong>The 6th entry of iEMBA</strong> with double specialization on International Business and Management of Technology</td>
<td>23 participants in this class. Most of them came from Vietsovpetro, JVPC and other petroleum companies in Vungtau.</td>
<td>Vung Tau</td>
</tr>
<tr>
<td><strong>In collaboration with SET</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Professional Master’s Project Management in Construction (MPM)</td>
<td>16</td>
<td>Hanoi</td>
</tr>
<tr>
<td>Professional Master’s Geotechnocal Engineering and Management (GEM)</td>
<td>9</td>
<td>Hanoi</td>
</tr>
<tr>
<td>Professional Master’s Project Management in Construction (MPM)</td>
<td>23</td>
<td>Ho Chi Minh City</td>
</tr>
<tr>
<td>Professional Master’s Project Management in Construction (MPM)</td>
<td>14</td>
<td>Can Tho</td>
</tr>
<tr>
<td><strong>In collaboration with SERD</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Professional Master’s in Urban Management Program (PM-UM)</td>
<td>7 participants from Dept. of Construction, Dept. of Planning &amp; Investment, Dept. of Urban Management, PC of provinces (HCM, Binh Duong, Dong Nai, An Giang, Kien Giang, and Ca Mau)</td>
<td>Ho Chi Minh City</td>
</tr>
</tbody>
</table>
## AITCV SHORT TERM COURSES COMPLETED IN 2013

### Overview

![Chart](chart.png)

<table>
<thead>
<tr>
<th>No.</th>
<th>Courses/ Services</th>
<th>Clients</th>
<th>No. of people trained</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Work Planning and Execution</td>
<td>EPTC</td>
<td>25</td>
<td>Hanoi, Viet nam</td>
</tr>
<tr>
<td>2</td>
<td>Interpreting Skills for Professional Interpreters</td>
<td>Open course</td>
<td>10</td>
<td>Hanoi, Viet nam</td>
</tr>
<tr>
<td>3</td>
<td>Introduction to Vietnamese Language, History and Culture for Macquarie Students</td>
<td>Macquarie</td>
<td>10</td>
<td>Hanoi, Viet nam</td>
</tr>
<tr>
<td>4</td>
<td>Translation and interpreting course</td>
<td>US Embassy</td>
<td>4</td>
<td>Hanoi, Viet nam</td>
</tr>
<tr>
<td>5</td>
<td>Customer Service</td>
<td>South African Embassy</td>
<td>6</td>
<td>Hanoi, Viet nam</td>
</tr>
<tr>
<td>6</td>
<td>Interpreting skills for Professional interpreters</td>
<td>Open course</td>
<td>8</td>
<td>Hanoi, Viet nam</td>
</tr>
<tr>
<td>7</td>
<td>Project cycle Management</td>
<td>HSCSP, Ministry of Health</td>
<td>25</td>
<td>Hue, Viet nam</td>
</tr>
<tr>
<td>8</td>
<td>Translation</td>
<td>Open course</td>
<td>8</td>
<td>Hanoi, Viet nam</td>
</tr>
</tbody>
</table>

**Total no. of courses: 8 | Total no. of people trained: 96**

### By Education Management Section (EMS)

<table>
<thead>
<tr>
<th>No.</th>
<th>Courses/ Services</th>
<th>Clients</th>
<th>No. of people trained</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Strategic Planning</td>
<td>HFIC</td>
<td>50</td>
<td>HCMC</td>
</tr>
<tr>
<td>2</td>
<td>Financial Statement Analysis</td>
<td>HFIC</td>
<td>75</td>
<td>HCMC</td>
</tr>
<tr>
<td>3</td>
<td>Portfolio Risk Management</td>
<td>HFIC</td>
<td>50</td>
<td>HCMC</td>
</tr>
<tr>
<td>4</td>
<td>Performance Management and KPIs</td>
<td>HFIC</td>
<td>50</td>
<td>HCMC</td>
</tr>
<tr>
<td>5</td>
<td>Change Management</td>
<td>HFIC</td>
<td>50</td>
<td>HCMC</td>
</tr>
<tr>
<td>6</td>
<td>Overviews of Law for Lenders &amp; Investors</td>
<td>HFIC</td>
<td>75</td>
<td>HCMC</td>
</tr>
<tr>
<td>7</td>
<td>Project Appraisal</td>
<td>HFIC</td>
<td>50</td>
<td>HCMC</td>
</tr>
<tr>
<td>8</td>
<td>Project Financing</td>
<td>HFIC</td>
<td>25</td>
<td>HCMC</td>
</tr>
<tr>
<td>9</td>
<td>Credit Analysis &amp; Loan Structuring</td>
<td>HFIC</td>
<td>50</td>
<td>HCMC</td>
</tr>
<tr>
<td>10</td>
<td>Managerial Skills for Managers</td>
<td>HFIC</td>
<td>50</td>
<td>HCMC</td>
</tr>
<tr>
<td>11</td>
<td>Customer Service</td>
<td>HFIC</td>
<td>75</td>
<td>HCMC</td>
</tr>
<tr>
<td>12</td>
<td>Recruitment and Interviewing Skills</td>
<td>HFIC</td>
<td>50/450</td>
<td>HCMC</td>
</tr>
<tr>
<td>No.</td>
<td>Courses/ Services</td>
<td>Clients</td>
<td>No. of people trained</td>
<td>Location</td>
</tr>
<tr>
<td>-----</td>
<td>--------------------------------------------------</td>
<td>--------------------------</td>
<td>-----------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>13</td>
<td>Coaching and Mentoring</td>
<td>HFIC</td>
<td>50</td>
<td>HCMC</td>
</tr>
<tr>
<td>14</td>
<td>English for Banking and Financial Institutions</td>
<td>HFIC</td>
<td>50</td>
<td>HCMC</td>
</tr>
<tr>
<td>15</td>
<td>Managerial Skills for Managers</td>
<td>Clients of HFIC</td>
<td>25</td>
<td>HCMC</td>
</tr>
<tr>
<td>16</td>
<td>Financial Management for Financial Managers</td>
<td>Clients of HFIC</td>
<td>25</td>
<td>HCMC</td>
</tr>
<tr>
<td>17</td>
<td>Project Management Focus on Construction</td>
<td>Clients of HFIC</td>
<td>75</td>
<td>HCMC</td>
</tr>
<tr>
<td>18</td>
<td>Human Resource Management</td>
<td>Clients of HFIC</td>
<td>25</td>
<td>HCMC</td>
</tr>
<tr>
<td>19</td>
<td>Financial Management for non-Financial Managers</td>
<td>Clients of HFIC</td>
<td>50</td>
<td>HCMC</td>
</tr>
<tr>
<td>20</td>
<td>Strategic Planning</td>
<td>Clients of HFIC</td>
<td>25</td>
<td>HCMC</td>
</tr>
<tr>
<td>21</td>
<td>Fund Raising Skills</td>
<td>Hanoi Association of People with Disability</td>
<td>25</td>
<td>Hanoi</td>
</tr>
<tr>
<td>22</td>
<td>Management Skills</td>
<td>Strengthening the Capacity of Budget Oversight</td>
<td>13</td>
<td>Bangkok, Thailand</td>
</tr>
<tr>
<td>23</td>
<td>Leasing Agriculture Machinery</td>
<td>People’s Elected Bodies in Vietnam (CFBA)</td>
<td>15</td>
<td>USA</td>
</tr>
<tr>
<td>24</td>
<td>Financing Supply Chain</td>
<td>Transaction Office 3 – BIDV</td>
<td>13</td>
<td>England</td>
</tr>
<tr>
<td>25</td>
<td>Agribusiness Banking</td>
<td>Transaction Office 3 – BIDV</td>
<td>21</td>
<td>Australia</td>
</tr>
<tr>
<td>26</td>
<td>Unsecured Loans</td>
<td>Transaction Office 3 – BIDV</td>
<td>15</td>
<td>USA</td>
</tr>
<tr>
<td>27</td>
<td>Financing Supply Chain</td>
<td>Transaction Office 3 – BIDV</td>
<td>15/442</td>
<td>Austria · Italy</td>
</tr>
</tbody>
</table>

**Total no. of courses: 27 | Total no. of people trained: 775**

**By Environment & Development Section (EDS)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Courses/ Services</th>
<th>Clients</th>
<th>No. of people trained</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Management and Implementation in Development Projects</td>
<td>Public training course</td>
<td>10</td>
<td>HCMC</td>
</tr>
<tr>
<td>2</td>
<td>Social Impact Assessment and Environmental Impact Assessment – Advanced level</td>
<td>Vietnam Petroleum Institute (VPI)</td>
<td>18</td>
<td>HCMC</td>
</tr>
<tr>
<td>3</td>
<td>Participatory Monitoring and Evaluation of Development Projects</td>
<td>Public training course</td>
<td>9</td>
<td>Ha Noi</td>
</tr>
<tr>
<td>4</td>
<td>Budgeting and Financial Management in Development Projects</td>
<td>Public training course</td>
<td>6</td>
<td>Ha Noi</td>
</tr>
<tr>
<td>5</td>
<td>Executive Secretary Skill</td>
<td>PVEP</td>
<td>8</td>
<td>HCMC</td>
</tr>
<tr>
<td>6</td>
<td>Report writing skill</td>
<td>Public training course</td>
<td>17</td>
<td>HCMC</td>
</tr>
<tr>
<td>7</td>
<td>Learning seminar: Management of wastewater treatment, sewerage system and Controlling of inundation and flooding in Ho Chi Minh City</td>
<td>HCMC Urban · Civil Works Construction Investment Management Authority (UCCI)</td>
<td>88</td>
<td>HCMC</td>
</tr>
<tr>
<td>8</td>
<td>International Exposure Program on Urban Wastewater and Sanitation Management</td>
<td>Ministry of Water, Irrigation and Energy of Ethiopia</td>
<td>14</td>
<td>Ha Noi and neighboring provinces (Quang Ninh, ...)</td>
</tr>
<tr>
<td>9</td>
<td>Report writing skill in Development Project</td>
<td>Public training course</td>
<td>8/178</td>
<td>Ha Noi</td>
</tr>
</tbody>
</table>
### 2013 Activities & Achievements

#### AIT Annual Report 2013

<table>
<thead>
<tr>
<th>No.</th>
<th>Courses/ Services</th>
<th>Clients</th>
<th>No. of people trained</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Aquaculture Business Promotion Workshop</td>
<td>VASEP</td>
<td>50</td>
<td>HCMC</td>
</tr>
<tr>
<td>11</td>
<td>Consultancy service on Baseline Survey on Renewable Energy in Vietnam</td>
<td>GIZ</td>
<td>57 organisations</td>
<td>Hanoi, HCMC, Can Tho, Da Nang and Hai Phong</td>
</tr>
</tbody>
</table>

**Total no. of courses: 11 | Total no. of people trained: 228**

**By Information and Technology and Industrial Management Section (ITIMS)**

#### A. OPEN COURSE

<table>
<thead>
<tr>
<th>No.</th>
<th>Courses/ Services</th>
<th>Clients</th>
<th>No. of people trained</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Logistics and Supply Chain Management</td>
<td>Open</td>
<td>7</td>
<td>HCM</td>
</tr>
<tr>
<td>2</td>
<td>Production Planning and Scheduling</td>
<td>Open</td>
<td>8</td>
<td>HCM</td>
</tr>
<tr>
<td>3</td>
<td>Data Analysis and Presentation using Excel</td>
<td>Open</td>
<td>4</td>
<td>HCM</td>
</tr>
<tr>
<td>4</td>
<td>Data Analysis and Presentation using Excel</td>
<td>Open</td>
<td>6/25</td>
<td>HCM</td>
</tr>
</tbody>
</table>

#### B. CUSTOMIZED

<table>
<thead>
<tr>
<th>No.</th>
<th>Courses/ Services</th>
<th>Clients</th>
<th>No. of people trained</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Data Analysis, Statistics and Forecasting</td>
<td>PVP Ca Mau</td>
<td>20</td>
<td>Ca Mau</td>
</tr>
<tr>
<td>6</td>
<td>Introduction to Kaizen, 5S for Productivity Improvement</td>
<td>PV Drilling</td>
<td>29</td>
<td>Vung Tau</td>
</tr>
<tr>
<td>7</td>
<td>Training Program for Senior Executive Successors</td>
<td>VINACOMIN</td>
<td>32</td>
<td>Hanoi</td>
</tr>
<tr>
<td>8</td>
<td>Management Skills</td>
<td>Bim Son Cement JSC</td>
<td>34</td>
<td>Thanh Hoa</td>
</tr>
<tr>
<td>9</td>
<td>SPIN and ECO-INNO workshop</td>
<td>UNEP</td>
<td>30</td>
<td>Hanoi</td>
</tr>
<tr>
<td>10</td>
<td>Customer Relation</td>
<td>Vietnam Airlines</td>
<td>25</td>
<td>Hanoi</td>
</tr>
<tr>
<td>11</td>
<td>English Business Writing Skills</td>
<td>Vietnam Airlines</td>
<td>25</td>
<td>Hanoi</td>
</tr>
<tr>
<td>12</td>
<td>ATOT Coaching</td>
<td>TH Milk Food JSC</td>
<td>36</td>
<td>Nghe An</td>
</tr>
<tr>
<td>13</td>
<td>Project Management</td>
<td>World Bank</td>
<td>20</td>
<td>Hanoi</td>
</tr>
<tr>
<td>14</td>
<td>CIO training</td>
<td>Institute of Information Technology for Business (VCCI-ITB)</td>
<td>35</td>
<td>Quang Ninh</td>
</tr>
<tr>
<td>15</td>
<td>Vietnam Blended Learning Program</td>
<td>World Bank</td>
<td>37/323</td>
<td>Hanoi &amp; HCM</td>
</tr>
</tbody>
</table>

#### C. TRAINING CUM STUDY TOUR

<table>
<thead>
<tr>
<th>No.</th>
<th>Courses/ Services</th>
<th>Clients</th>
<th>No. of people trained</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>Agricultural Development Activities</td>
<td>Ministry of Agriculture, Government of Bangladesh</td>
<td>6</td>
<td>VietNam</td>
</tr>
<tr>
<td>17</td>
<td>Leadership &amp; Management related to Urban Primary Health Care</td>
<td>Urban Primary Health Care Service Delivery Project, Bangladesh</td>
<td>10</td>
<td>VietNam</td>
</tr>
<tr>
<td>18</td>
<td>Management &amp; Administration of Local Government Institutions</td>
<td>Local Government Division, Ministry of LGRD &amp; Co-operatives, Government of Bangladesh</td>
<td>60/76</td>
<td>Japan, Korea and China</td>
</tr>
</tbody>
</table>

**Total no. of courses: 18 | Total no. of people trained: 424**
ON-GOING GRANTS AND SPONSORED PROJECTS

Project 1:
Advisory and training services for the improvement of HFIC capacity

- **Approx. value of the contract (in current US$):** $1,200,000
- **Country:** Vietnam
- **Location within Country:** HCM City
- **Name of Client:** Ho Chi Minh City Finance and Investment Corporation (HFIC)
- **Origin of funding:** AFD

- **Start date - Completion date (month/year):** May 2012 – Nov 2013
- **Name of senior professional staff of your firm involved and functions performed:**
  - Hans Stoessel, project manager, Steering Committee
  - Iris Fang, Head Consultant, Strategy and Asset/liability management
  - Loek Hopstaken, Head Consultant, Human resource management
  - Claude Spiese, Head Consultant, Information technology management
  - Jeff Major, finance trainer
  - Dung, Deputy Project Manager, Secretary for SC
  - Dr. Amrit N. Bart – Project Director
  - Ms. Nguyen Thu Thuy – Project Coordinator

**Narrative description of Project:**

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.

Being an important part of the Technical Assistance project, HCE1 will be implemented within 18 months (scheduled completion in October 2013), including advisory activities in strategy and policy to increase the effectiveness of the company’s functions; technical and management training courses, coaching programs, and training-cum-study tours.

Advisory services and coaching services to strengthen HFIC internal management capacities in the areas of strategic planning, asset & liability management (budgeting, financial management, financial controls, project – credit appraisal, etc), HR management, IT management, and the establishment and enhancement of HFIC information data base. This component will support HFIC in implementing practical procedures such as a system of HFIC information data base, credit procedures, HR procedures, and asset & liabilities management procedures in conformity with international standards.

Training services to develop skills of HFIC staff:

- **In-class Training – Course Curriculum:** for majority of staff in risk management, financial management, managerial skills, risk management, negotiation skills, customer services, etc.

- **Professional Skills Training Program and Study tours, internship programs:** for minority of staff in specific areas which have not been provided by In-class Training Course Curriculum, and/or have been suggested by advisory services, including: managerial accounting, budgeting, asset liabilities management, introduction of international accounting system for financial institutions, money laundering, project appraisal, project finance, financial instruments, portfolio management.

**Description of actual services provided:**

AITCV will take the responsibility to consult, assess training needs and conduct capacity enhancing training programs for HFIC, functional organizations in HCMC, and HFIC major partners and clients, especially institutions under AFD’s credit facility. The project starts from May 2012. There will be 200 training days in technical and management field.
Project 2:
Training Program for the Bank of Investment and Development of Vietnam (BIDV)

Approx. value of the contract (in current US$): 
US$ 420,000

Country: Vietnam, Taiwan, Korea
Location within Country: Ho Chi Minh City, Hanoi
Origin of funding: World Bank
Address: Nguyen Du, HCM City
Start date - Completion date (month/year): April 2008 - On-going
Name of senior professional staff of your firm involved and functions performed:
Ms. Nguyen Thu Thuy, Project Coordinator
Ms. Pham Thi Thanh Thuy
Ms. Le Thi Thu Hien
Ms. Trieu Thi Thuy Dung

Duration of assignment (months):?
Total No of staff-months of the assignment: 5
Name of associated Consultants, if any: none

Narrative description of Project:
This training program aims to build capacity for management staff and senior experts of the Bank of Investment and Development of Vietnam. The program for senior experts includes in-class training and study tours.

Description of actual services provided:
- Teamwork and team building
- Motivating staff
- Effective coaching
- Professional training program for senior experts
- Asset Liability Management
- Risk Management
- Bank’s Strategic Management
- Mergers and Acquisitions
- Project financing
- Financial Accounting
- Human Resource Management
- Marketing Management
- Security Market

Project 3:
GetGreen Vietnam: Sustainable Consumption in Vietnam

Approx. value of the contract (in current US$):
US$ 1,850,000

Country: Vietnam
Client: Consumer groups in Vietnam
Origin of funding: EU – DG Development and Co-operation
Start date - Completion date (month/year): Jan 2011 – Dec 2014
Name of associated Consultants, if any: none

Duration of assignment (months):?
Total No of staff-months of the assignment: 6
Name of consortium members, if any:
AITCV
TU Delft
VNPC
VCCI

Narrative description of Project:
GetGreen Vietnam has as specific objectives:
- Improved opportunities to shift consumption choices of 10 selected test groups of households and office workforces towards more sustainable behaviour.
- Replicate the tested approaches for transition towards more sustainable consumption to a large group of household consumers and office workers in Vietnam divided in 50 ‘Get Green VN’ Groups – meaning improved availability of well over 1000 Vietnamese consumers as change agents for the transition towards sustainable consumption.
- Increased linkage of greensupply side to emerging sustainable consumption patterns

Target Groups: Direct target group of consumers groups in Vietnam based on either their living or their working situation. Indirect target group: consumer organisations like VINASTAS, CUTS, MUTRAP, VACOD and additional NGOs such as WWF, SNV, IGES, SIDA.

Description of actual services provided:
TU Delft Valorisation Centre: Overall project management, financial and administrative support. This includes the preparation, execution and reporting of all consortium meetings and kick-off meeting, preparation of quarterly and yearly progress reports, preparation of all budget planning, reporting and amendments, all formal financial reporting and auditing. Development and implementation of project management and communication tools. Training of local partners in Asia on the requirements and systems needed for sound project administration and financial administration according to EU requirements. All arrangements for International experts contracting and reporting all travel and meeting arrangements.

TU Delft Faculty of Industrial Design: Overall Technical project coordination, methodological development, expert advice and assistance and expert advice on replication and dissemination, as well as training and capacity building. The Faculty is expert in product innovation co-creation for innovation, and consumer behaviour, and the Design For Sustainability programme of the Faculty is specialist in SCP and SCP related product development and innovation methodologies. Practices and theoretical background.

AIT in Center Vietnam: Senior staff involvement in technical implementation, with a focus on co-creation approaches with food/agro related consumption issues, technical and socio-economic issues of sustainable consumption. Responsible for all training and capacity building activities in the project.
The Library was badly damaged and affected by the flood in October 2011. It took a long time to re-establish the Library. The Library took one month to clear all the broken library furniture and shelves, equipment, computers and the damaged library materials, six months for the cleaning of the mouldy library materials, and one year its reorganization.

The library returned to normal service when the students were back to the main campus in February 2012. The Library’s activities included circulation service (check-in, check-out, prepare interlibrary loan form for students to borrow from other libraries, process reserved books for courses requested by faculty and process library clearance for graduating students), reference service (helping to get books and articles from print journals and online databases not available at and subscribed by AIT Library through interlibrary loan service with other Thai university libraries), acquisition and cataloguing services plus additional activities like stocktaking of library materials, reorganization of the Library on the second floor, having the library shelves fixed and repainted. During 2012 and 2013, all the library materials which were kept on the ground floor were inventoried. For example general books, AIT publications (dissertations, theses and research reports), reference materials (including dictionaries and encyclopedias), archive collection (reprints of articles written by AIT faculty), map collection, undergraduate collection, CD-ROM and floppy disks, current journals on the display shelf, bound volumes of journals in the storage.

In brief, after the stocktaking of all the materials, the results are shown in the attached table.

<table>
<thead>
<tr>
<th>Collections</th>
<th>Number (before the flood)</th>
<th>Number lost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General books</td>
<td>109,699</td>
<td>58,320</td>
</tr>
<tr>
<td>AIT publications (dissertations, theses, and research reports)</td>
<td>35,302</td>
<td>16,319</td>
</tr>
<tr>
<td>Reference Collection</td>
<td>14,244</td>
<td>9,932</td>
</tr>
<tr>
<td>Archive collection (reprints of the articles written by AIT faculty)</td>
<td>1,070</td>
<td>1,070</td>
</tr>
<tr>
<td>Map collection</td>
<td>396</td>
<td>396</td>
</tr>
<tr>
<td>Undergraduate collection</td>
<td>306</td>
<td>21</td>
</tr>
<tr>
<td>CD-ROM</td>
<td>1,405</td>
<td>1,169</td>
</tr>
<tr>
<td>Floppy disk</td>
<td>120</td>
<td>120</td>
</tr>
</tbody>
</table>

As for the periodicals and journals, the collection is 1,145 titles (both current and non-current titles). After the stocktaking of the current journals on the display shelf and bound volumes of journals in the storage, it was found that 467 titles equivalent to 3,498 volumes were lost to the flood.

The effects of the flood on the Library still exist. The Library, especially the ground floor, is not yet renovated even though the renovation is expected to be commenced in May 2014. The budget allocation is limited. Library, after the flood in 2011, only has budget to renew online databases while there has been no budget for journal subscriptions and book acquisitions in 2012 and 2013. However, in 2013 the Library was given some Indian Grants to purchase 56 books. The Library also accepted gift books from UNESCAP and some publishers, i.e. PB. Books. Furthermore, the Library acquired books by making copies from other Thai university libraries. The number of book acquisitions is summarized in the table.
### Library Acquisition 2013

<table>
<thead>
<tr>
<th>Type of Acquisition</th>
<th>Fund used</th>
<th>Donors</th>
<th>Number (Titles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purchased</td>
<td>Indian Grants</td>
<td></td>
<td>56 titles</td>
</tr>
<tr>
<td>Gift books</td>
<td>UN ESCAP, Publisher</td>
<td>P.B. Books</td>
<td>856 titles</td>
</tr>
<tr>
<td>AIT publications – dissertation, theses and research reports</td>
<td>AIT School/Field of Study</td>
<td></td>
<td>564 titles</td>
</tr>
<tr>
<td>Making copies from other Thai university libraries through interlibrary loan</td>
<td></td>
<td></td>
<td>90 titles</td>
</tr>
</tbody>
</table>

Even under pressure, the Library has managed to provide library services. With the help of Prof. Worsak Kanok-Nukulchai, Interim President, who has approved some budget for 4 PCs for library use, for fixing and repainting the Library shelves, and, for reproduction of AIT publications (dissertations, theses and research reports) to replace the ones lost to the flood. The Library also received money donated by two alumni – Mr. Chana Towan and Mr. Sunthorn Thitiyarak, for additional 4 PCs for library use.

### AIT Language Center

For over 35 years, the AIT Language Center has been offering services to help AIT students cope with the demands of writing up and presenting their research. The main instruments have been writing courses (EL classes of 30 to 60 hrs per semester for 240 to 260 students) and for newly entering students, the pre-degree programs Talkbase (1987-2000) and the AIT Bridging Program (1993-present). Along the way, the Center has been called upon to do more for AIT partners by participating in projects of the Mekong River Commission, the Wetlands Alliance and Sida, to name a few. Intensity of outreach and special programs has waxed and waned in some periods to major projects nearly eclipsing the regular services for AIT students and staff.

The year 2013 was noteworthy for the balance the Center achieved between the regularly required courses for students including offering six language courses per term for the SET undergraduate students on one hand and the special services for internal and external clients on the other. Special services for the AIT Schools, AIT Extension and those for external clients brought in 3.4 million baht, which is just over half the 6.5 million baht total LC budget. Moreover, tuition for AIT Bridging Programs garnered 4m baht. In addition, fees for French and Thai courses for the community and for the AIT English Entry Test paid by applicants in a number of countries across Asia contributed 600,000 baht. Thus in 2013 the Center was able to contribute to the Institute in kind by offering the required writing courses for master’s and doctoral students, tutorials for students with special needs, and a communications skills course for AIT staff without the need to charge fees for recovery costs.

### NEW ACTIVITIES AND COLLABORATIONS

2013 was a year of personnel changes for AIT as a whole including the LC. As a result of special needs arising around campus, LC staff were engaged by the administration, the Schools and units on campus to fill a variety of needs that ranged from filling the role of Master’s of ceremonies at several special events and providing translation and interpretation as well to teaching as adjunct faculty for SET and SOM, cooperating with donors on testing and ranking of candidates for scholarships as well as evaluating the work of educational partners in other countries.

New courses were also added to the LC repertoire. These included:

- English Communication Skills for AIT Secretaries
- Writing up Research – The Thesis Proposal
- AIT Research Writing Club – Tutorial consultations for students interested in writing
- Writing Research Articles for Publication
- Cultural Awareness and Presentation Skills

The LC partnered in the offering of special courses. A sampling of these follows here:

- **Special Bridging Program – January-April (160 hrs)**
  AIT Consulting for Afghan Ministry of Higher Education
- **Presentation Skills Workshop – February (11 hrs)**
  AIT Extension – Professional Master’s in Banking and Finance
- **English and Presentation Skills – 16-23 April (30 hrs)**
  Bridging Program for AIT Extension Professional Master’s in Banking and Finance
- **Writing up Research – the Thesis Proposal – 14 June (6 hrs)**
  AIT Extension Professional Master’s in Banking and Finance
Strategies for Listening to Lectures – 20 August (6 hrs)
RS-GIS Summer School Program (Prof. Honda, AIT RS-GIS)

Workshop for English Presentation Skills – 9-20 September (30 hrs)
AIT RS-GIS Summer School for Yamaguchi University Students (Dr. Masahiko Nagai, AIT RS-GIS)

As a final note on personnel changes and financial concerns that arose in 2013, the LC bid farewell to senior language specialist Tylor Burrows and assistant language specialist Ami Shrestha, who both made significant contributions to the work of the Center over the years. As we enter 2014, the LC has three full time teacher/language specialists and a half-time director.

**AIT INTERNATIONAL SCHOOL**

This report is a summary of the major changes, activities, and achievements of the AIT International School from January 2013 to December 2013.

**January 2013**
- AITIS welcomed 21 new students from Pakistan, Thailand, Maldives, Indonesia, Philippines, Sweden and Nepal into the AITIS family.
- PTA made donation of new tables and benches for the canteen.
- Alteration in canteen seating area was done by Mrs. Sukyana to accommodate more students at meal times.
- To reduce injuries at school the inside of the school building was declared as “No Running Zone”.
- To enhance the overall safety of AITIS students the policy of not bringing harmful and/or inappropriate items to campus was strictly implemented.
- Mr. Pierre Benchetrite, Contract Manager, SODEXO planted 10 new trees to beautify school campus.

**February 2013**
- Visual Arts Day was held on 1st February 2013. Mrs. Sukyana and her workers framed and hanged AITIS students’ art work in AITIS hallways.
- Remediation classes commenced from 4th February 2013. All teachers from grade 1-6 including subject teachers were instructed to offer remediation to help students in need to attain mastery of academic skills. All remediation classes were planned to be provided without additional fees and were supposed to take precedence over ASA. These classes were to be offered throughout the remainder of this school year.
- Scholastic Book Fair was held from 6-8th Feb. 2013.
- Friendship Day was held on 14th February 2013.
- A group of educators from Sweden and the Philippines visited AITIS from 18th February through 22nd February 2013.
- Language Arts Day was held on 21-22 February 2013.
- Mrs. Karthy was appointed as new ESL teacher.
- AITIS strictly decided not to allow the open use of pre-K playground by parents after school hours if there is any misuse/abuse of playground equipment after school hours as was reported.
- AITIS principal Mr. Kevin Mauritson met with PTA Executive Committee and made the following decisions:
  - All teachers Pre-K through 6th grade were instructed to ensure all significant matters (i.e. holidays, special events, performances, etc) be communicated every Friday in the student’s journal/assignment book. Parents were requested to read and acknowledge receipt of the information.
  - Parents were reminded to check their copy of school calendar via the student journal, provided to all the families at the beginning of the school year. No deviations were announced from the published calendar.
  - AITIS decided that there will be no ASA for Kindergarten students this year.
  - AITIS decided not to open the school library during lunch hours. Instead students were instructed to use the shaded common area near the AITIS office, with several fans to help cool the area. Students were also encouraged to check out board games and puzzles from their classrooms for relaxation in the common area. A staff member was to be assigned to this area at all recess times.

**March 2013**
- Grade 6 transition afternoon took place at AITIS on March 8, 2013.
- A 3-day camping trip happened in March, 2013 for grade 3-6 students.
- AITIS invited a team from the Disaster Prevention and Mitigation Office, Tha Khlong Municipality and held its first fire safety drill. The school decided that it will continue to hold safety drills (not just for fire situations) throughout the remainder of the school year.
- AITIS students participated in the KPIS Music Challenge on Thursday, 28 March and won third place in dance performance.
- To help keep our students cool and more comfortable during hot days PTA donated 4 Eco-cooler fans.
- To show love to less fortunate children AITIS lent a helping hand to Chaiyapruk Foundation and made donations both in kind and in cash.
April 2013

- Parent Teacher Conferences took place on 5th April 2013.
- AITIS Science Day was held on 26th April 2013.
- AITIS made decision that traditional seating arrangements, teacher directed activities and reliance on textbooks should give way to less formal settings that allow students to relax and interact with each other, the teacher and technology to enhance their learning experience.
- AITIS made decision to introduce small 7-inch tablets into at least one class in school year 2013-2014 as a pilot program where students will do active research, and do all their writing, reports, essays, and quizzes. They will also be able to create their own blogs and/or twitter accounts to share their work with classmates, friends and family. Programs will be installed that will ensure that the student is safe at all times and not exposed to material/websites that are inappropriate.
- To enable students to read books electronically on a computer, tablet or smart-phone and to research up-to-date material and get the most recent and germane information available Mrs. Huong, AITIS Librarian created library blog.
- Helping AITIS move towards being a “21st century school” three of AITIS staff members Dr. Farzana Asim, 6th grade teacher, Mr. James Gonzales 5th grade teacher and Mrs. Marichu Lawas, 4th grade teacher, created their “blogs” for their respective classes.
- Songkran festival took place on 12th April 2013.
- AITIS Science Day was held on 27th April 2013.
- To create a unique setting for each class, various locations around campus were used as the backdrop for the class photos.

May 2013

- To help make AITIS a 21st century school the President of AIT granted AITIS permission to implement a yearly “Technology Fee” beginning with the 2013-2014 school year where each student of AITIS will be assessed a once a year fee of THB 5,000 at the beginning of each new school year. All monies collected will be used strictly for developing the technology aspect of AITIS. Monies will be used for purchasing more computers, up-to-date software, tablets, e-library facilities and enhancements to school wifi system.
- AITIS Drama Club presented “Alice in Wonderland” in Korea House.
- AITIS “Fun & Food Fair” took place.
- AITIS Glee Club made a presentation of their musical abilities at AIT Center on AIT Graduation Day.
- AITIS “Treasure Hunt Day” was held on the last day of May.

June-July 2013

- AITIS held its Annual Day and 6th Graduation Day for grade 6 students.
- AITIS organized professional development workshop on Intercultural Communication by MISB Consulting Group.
- AITIS offered two summer school sessions beginning 17th June 2013. The sessions were for a period of three (3) weeks each. Camps operated from 08:00 – 12:15. All AITIS teachers facilitated one camp. There was a small enrollment fee for each session to help defray expenses for equipment, art supplies, science materials and crafts.

August 2013

- AITIS started subject teaching for grade 4, 5, 6 students.
- KG became part of Pre-K Section.
- New classroom structure was introduced from nursery through 6th grade.
- Support materials for science, PE, Music, library and classrooms were bought.
- To teach Art, ICT, and grade 3 class, three new teachers Mrs. Kaur; Mr. Dipak; and Ms. Emi were hired.
- Cemented bricks were reused to make student planters at the front lawn. Mrs. Benchawan Kawnak donated soil for the student planters.
- AITIS PTA donated new notice boards to AITIS.

September 2013

- 6th Grade Team Building camp was held on 5-6 September 2013.
- AITIS PTA meeting was held on 13th September 2013.
- Monsoon Marathon was organized on 19th September 2013.
- AITIS extended a helping hand to Danyela Learning Center by making donations in cash and kind.
- Fire Drill was organized on 25th September 2013. Due to alarm system not functioning properly AITIS decided to install a properly operating alarm system.
- Four of AITIS teachers Mrs. Nirja, Ms. Megha, Dr. Farzana, and Ms. Bles visited Sweden at the end of September where they were engaged in sharing sessions with their Swedish counterparts who visited AITIS in February 2013.
October 2013

- “United Nations Day of the Girl Child” was held on 4th October 2013.
- AITIS held a fire drill on 9th October 2013.
- AITIS attended two days of Professional Development (PD) workshop. On the first day they attended two workshops. The first workshop addressed “Critical Thinking in the Classroom” while the second workshop was on First Aid which enabled all teachers and staff of AITIS to be certified to assist in medical emergencies that may arise. The second day of PD was dedicated to previewing the requirements, establishing teams and organizing the schedule for accreditation by The Council of International Schools. Up to now AITIS has been an Associate Member of CIS. To become fully accredited during this school year AITIS staff formed committees, scheduled weekly meetings and set a target date to finish their work by the end of February 2014. Due to less availability of staff, ASA activities were postponed to 2nd half of 2nd semester of the school year 2013-2014.
- AITIS Principal Mr. Kevin attended the EARCOS Leadership Conference at the end of October.
- Preparation of data relevant to implementing the “Tablet in the Classroom” Pilot Program and having the whole school wifi enabled started.
- Replacement computers was planned to be purchased for the AITIS Computer Lab with the older models being placed in classrooms throughout the school.
- AITIS started developing an integrated educational software program to administer each child’s school record, progress reports, parental communication, health survey, lesson plans, homework help and any classroom blogs teachers & students may develop. This system is considered to enhance every student Nursery through 6th grade. It was anticipated that the new system will be operational at the beginning of the second semester (January 2014).
- New Parent-Teacher Association council was formed. New parent representatives included Mrs. Chrisissie, Khun Pum, Mrs. Payear and Khun Kwan, while teacher representatives included Mrs. Leila, Mrs. Nanette, and Ms. Megha.
- AITIS students participated in an Art contest under the theme “International Year of Water Cooperation” which was sponsored by Hong Kong Society for Education in Art.
- AITIS Crazy Day was held on 31st October 2013.

November 2013

- Parent-Teacher Conferences took place on 1st November 2013.
- AITIS celebrated Loy Kratong on 15th November 2013.
- AITIS attended a one-day workshop on 15th November 2013 at Bangkok Patana School under the title “Teaching Differently-abled Students in the Mainstream classroom”.
- Fire Drill was held on 18th November 2013.
- AITIS grade 1-6 students visited NSTDA to watch science movies from 18th to 26th of November 2013.
- Drama Club presented “Pinocchio” on 27th November 2013.
- On 28th of November 2013 AITIS had its field trip to Chokchai Farm.

December 2013

- Grades 4, 5 & 6 exams were held on 6th and 9th December.
- Changes in progress reports were made.
- On 12th December AITIS Glee Club members did their musical performance on AIT Graduation Day at AIT Center.
- AITIS made some significant changes and important decisions for 2014:
  - Mrs. Kaur resigned her teaching position with AITIS and art classes were decided to be taught by the class teachers.
  - Ms. Abbie was assigned to teach English (Reading, Spelling, Grammar, Writing, etc.) to 3rd Grade students in 2nd semester 2013-2014.
  - After getting approval from AIT administration it was announced that beginning August, 2014, tuition fees will be increased by 7%. Only tuition fees will increase – all other fees will remain at their current rates. Students and employees of AIT will continue to have their tuition fees subsidized by AIT as per the current P&P.
  - In regards to the possibility of adding a Grade 7 for the 2014-2015 school year a proposed budget was submitted to AIT.
  - Classroom and computer lab new computers were planned to be purchased at the beginning of the new semester under the AITIS Technology Improvement Fund.
In 2013, the Fundraising office started to map out a strategy to gain a foothold into multinational, foreign private sector organizations in Thailand with a view of creating awareness, exploring into funding, resource development, student internships and outreach opportunities. A two prong-approach was used for this purpose, namely to make direct contact with the private sector companies especially those that have senior alumni working at top management roles and secondly, to introduce AIT through the respective country Chambers of Commerce in Thailand. As the first step, the Fundraising office built up its connection with the Japanese Embassy in order to get introduced to the Japanese Chamber of Commerce in Thailand and also to the Overseas Human Resource and Industry Development Association Japan.

An activity initiated by Fundraising - combined with the Language Centre, CLIQ and Career Center - was held to raise awareness among AIT students on “Job Preparation Skills”. The event was held on 16 March 2013 at the Language Center and 52 students were registered and 44 participated at the event.

Dr. Soontorn Piromsartkoon, Managing Director of SPS Global Corporation and an AIT alumnus with a Master’s from Environmental Engineering and Management (EEM) program in 2012, formally signed an agreement with AIT on 28 June 2013 to award a scholarship of USD 8,000 to a bright and needy student to pursue a Master’s program at AIT’s School of Environment, Resources and Development (SERD). Besides the scholarship, the company is exploring internship opportunities for students of AIT’s School of Engineering and Technology (SET) and School of Environment, Resources and Development (SERD).

Through a high level contact cultivated by Mr. Jayasinghe at the Hong Kong and Shanghai Banking Corporation (HSBC), Thailand office, and with the support and the commitment of the AIT faculty, and the head of the project, Dr. Sangam Shrestha, a comprehensive project proposal titled “Building Capacity and Strengthening Community Participation for Water Resources Management and Wetland Ecosystem Restoration in the context of Climate Change in Lower Songkran River Basin” was in the process of being prepared and to be submitted to HSBC Thailand for consideration for HSBC Global funding in 2014. This proposal is a combined project with World Wide Fund for Nature-Thailand and AIT. It will run for 2 years and 4 months with a total budget of USD 980,000. The draft project proposal was submitted to HSBC Thailand in December 2013.

Panya Consultants Co. Ltd. granted scholarships to two students at the Asian Institute of Technology. The formal hand-over ceremony was held on 16 October 2013 at AIT. Mr. Supachai Rakpanichamanees, Managing Director of Panya Consultants, handed over a scholarship cheque of two million Baht to AIT President Prof. Worsak Kanok-Nukulchai.

In October 2013, a special visit was made to Colombo, Sri Lanka by Prof. Worsak Kanok-Nukulchai, President of AIT, and H.E. Prof. Emeritus Dr. Sahas Bunditkul, Former Deputy Prime Minister of Thailand and Member of the AIT Executive Committee of the AIT Board of Trustees, Dr. Nitin Tripathi, Associate Professor & Thematic Leader ICT, and Mr. Sanjeev Jayasinghe, Director Fundraising and Interim Director of Alumni Affairs Office. The main purpose of the mission was to meet with our key partners that are providing students and scholarship support to AIT, as well as to meet with the Sri Lankan alumni. The highlight of the trip was a meeting with H.E Mahinda Rajapakse, President of the Democratic Social Republic of Sri Lanka. H.E. President Rajapakse reaffirmed the role AIT has played in the HRD capacity building needs of the country, and gave his full support towards AIT’s future endeavors in Sri Lanka.

The Fundraising office discussed a possible collaboration with University of Vocational Technology (UNIVOTECH) Sri Lanka to promote a PhD program for its faculty through ADB Scholarships. The Fundraising Office initiating a proposal with the detail requirements where the UNIVOTECH could use as the primary document in applying for the ADB Funding. This is considered to be the second phase of the initial ADB Funded Master’s Program through which AIT received 10 of their faculty. Through this initiative, UNIVOTECH confirmed to send 4 staff for the doctoral program to AIT starting in August 2014 intake.
## ONGOING PARTNERSHIPS AND NEW INITIATIVES

<table>
<thead>
<tr>
<th>S.No</th>
<th>Particulars</th>
<th>New Initiatives</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>MoA with ITS, Indonesia</td>
<td>ITS, Indonesia sent 10 students under this Agreement in August 2013 Semester</td>
</tr>
<tr>
<td>2.</td>
<td>Japan Government approved Annual Contribution for FY 2013 worth US$ 278,063.00</td>
<td>Increased the annual contribution by about 45% compared to the contribution for FY 2012.</td>
</tr>
<tr>
<td>3.</td>
<td>Document of Understanding with Higher Education Commission (HEC)</td>
<td>HEC sent 10 students under this agreement.</td>
</tr>
<tr>
<td>4.</td>
<td>Nepal Education Foundation-Consortium of Colleges, Nepal (NEF-CCN)</td>
<td>3 UG students and 6 MBA students were enrolled in January 2013 Semester and 7 MBA students in August 2013 Semester at NEF-CCN for 2 stage Undergraduate Program and 1+1 MBA programs. The first batch of 6 MBA students will join AIT in January 2014 Semester for the 2nd year study and are expected to graduate in August 2014 Semester. Remarks: There were no intake for 2 stage UG programs at NEF-CCN in 2013 September intake</td>
</tr>
<tr>
<td>5.</td>
<td>Clemson University, USA</td>
<td>Summer Research Program held during the Inter Semester. AIT is selected as it is an international crossroad to expose Clemson students to practical research, regional development issues and multiculturalism.</td>
</tr>
<tr>
<td>6.</td>
<td>Ministry of Education, Timor-Leste</td>
<td>Scholarship Program continued to support students from Timor-Leste</td>
</tr>
<tr>
<td>7.</td>
<td>Telecom SudParis, France</td>
<td>Industry Scholarships to support Dual Degree Program</td>
</tr>
<tr>
<td>8.</td>
<td>Erasmus Mundus</td>
<td>PANACEA Project - 10 persons from AIT proceed to 7 European Universities under Erasmus Mundus Panacea Program</td>
</tr>
<tr>
<td>9.</td>
<td>Norwegian Ministry of Foreign Affairs Scholarship Program for Myanmar Candidates to study Master’s Degree at AIT</td>
<td>50 Myanmar candidates we selected and enrolled into AIT Master’s Degree Program in August 2013 Semester</td>
</tr>
<tr>
<td>10.</td>
<td>Chinese Scholarship Council (CSC)</td>
<td>The First Secretary Mr. Zhou Gaoyu (Education), Embassy of China, Bangkok, Thailand reaffirms CSC partnership to provide scholarships. In 2013 intake four CSC scholarship recipients are enrolled at AIT.</td>
</tr>
<tr>
<td>11.</td>
<td>Telecoms Sans Frontier, France</td>
<td>Renewal of partnership including continued trainings and volunteer opportunities for students to participate in Emergency response situations.</td>
</tr>
</tbody>
</table>
## AGREEMENTS SIGNED IN 2013

<table>
<thead>
<tr>
<th>Country</th>
<th>Government Agency</th>
<th>Academic Institution</th>
<th>Private Sector</th>
<th>Association</th>
<th>International Organization</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Afghanistan</td>
<td></td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Bangladesh</td>
<td></td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Bhutan</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>China</td>
<td></td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>France</td>
<td></td>
<td>1</td>
<td></td>
<td>1</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Germany</td>
<td></td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>India</td>
<td></td>
<td>4</td>
<td>2</td>
<td></td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Indonesia</td>
<td></td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Japan</td>
<td></td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Korea</td>
<td></td>
<td>1</td>
<td>1</td>
<td>2</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Malaysia</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Myanmar</td>
<td></td>
<td></td>
<td></td>
<td>2</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Nepal</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Pakistan</td>
<td></td>
<td>1</td>
<td>2</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Portugal</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Sweden</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Thailand</td>
<td></td>
<td>4</td>
<td>1</td>
<td>2</td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>Timor Leste</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>United States of America</td>
<td></td>
<td></td>
<td>2</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Vietnam</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>8</strong></td>
<td><strong>26</strong></td>
<td><strong>12</strong></td>
<td><strong>2</strong></td>
<td><strong>50</strong></td>
</tr>
</tbody>
</table>

## MOU SIGNED IN 2013

### AFGHANISTAN
MOU signed with Kandahar University for providing human resource development, curriculum enhancement, research capabilities, institutional development and other partnerships programs.

### BANGLADESH
MOU signed with Center for Integrated Rural Development for Asia and Pacific (CIRDAP) to enable cooperation for deriving mutual advantage and undertaking joint activities of mutual interest in the areas of Rural and Sustainable Development.

### CHINA
MOU signed with Tianjin University of Science & Technology (TUST) to enable cooperation for deriving mutual benefits.

MOU signed with Beijing Normal University (BNU) to strengthen their relationship by developing collaborations in academic and research, training, joint students’ activities and other related activities.

MOU signed with AsialInfo Linkages Inc. to conduct activities such as campus recruiting events, internship programs and guest lecture programs.

### INDIA
MOU signed with Assam Don Bosco University for establishing collaborative relations between two institutions to co-operate in mutually beneficial association in higher education, knowledge transfer and research.

MOU signed with Indian Institute of Management (IIMK) to promote collaborative activities in a joint academic program and other academic exchanges.

MOU signed with National Institute of Technology, Tiruchirappalli (NITT) to enable cooperation in pursuit of common interest in teaching, training and research.

### JAPAN
MoU signed with Me University to enable the international academic cooperation and exchange between AIT and MU.

MoU signed with National Institute of Advanced Industrial Science & Technology (AIST) to develop new collaborations more broadly between their organizations in this area, to initiate new joint projects to build stronger collaborations, and to establish an exchange program among researchers at each of the institution.
MoU signed with University of Tsukuba to promote educational and academic exchange and cooperation between AIT and the University of Tsukuba in all fields

MoU with United Nations University recognizing the challenges and the rapid advancements of technological developments that can assist in finding solutions in the following common areas of interest: Human development and use of information technologies for academic and research applications.

KOREA
MoU signed with The Korea Research Council of Fundamental Science and Technology (KRCF) to recognize mutual interest in and intention to promote bilateral cooperation in scientific and technological exchanges and may wish to undertake personnel exchange in areas of mutual interest for research and training, joint collaboration for research and development including environmental technology and such other forms of cooperation as may be mutually decided upon.

MoU signed with R&D Hyundai Engineering & Construction, Korea to strengthen the relationship between AIT and Hyundai E&C by developing collaboration in academic, research, training, faculty development, joint research and other related activities.

MALAYSIA
MoU signed with Universiti Teknologi Petronas (UTP) to establish a collaboration to enhance their respective scientific, technical and engineering competencies and to develop beneficial programs.

NEPAL
MoU signed with International Centre for Integrated Mountain Development (ICIMOD) to undertake activities such as joint research, internships opportunities, professional and executive training programs and staff exchange programs.

Renewal & Amendment - Nepal Airline Corporation (NAC) to continue providing discounted fare to AIT students, staffs, faculty members, and training/conference/workshop participants.

PAKISTAN
MoU signed with Pakistan Water and Power Development Authority (WAPDA) to collaborate in promoting, developing, participating and delivering executive and professional development training programs and consulting services.

MoU signed with Pakistan Institute of Management (PIM) to collaborate in jointly developing and delivering executive and professional training programs, market research and consulting services.

SWEDEN
MoU signed with Teksnika Hogskolan in Jonkoping AB, School of Engineering, Jonkoping University to enable cooperation between AIT and JTH in various academic activities of mutual interest.

TIMOR-LESTE
MoU signed with Ministry of Agriculture and Fisheries for improving agricultural education and qualification in professional agriculture and agriculture extension in the Democratic Republic of Timor-Leste.

THAILAND
MoU with Thai Resources and Environmental Management Institute to promote future joint cooperation on education and short term training on wastewater.

MoU signed with The Coordinating Committee for Geoscience Programmes in East and Southeast Asia (CCOP) to strengthen the capability of personnel of relevant institutions in the CCOP member countries in the region on policy development, planning and management and technology on geosciences through education, research, training, workshops, exchange of information and publication, secondments and exchange of researchers and members between institutions in the region and other CCOP coordinating countries and organizations. To collaborate in areas of geosciences research related topics, all collaborative research activities shall be in accordance with all applicable rules, regulations, policies and practices of each institution, including intellectual property and sponsored research policies.

MoU signed with Pollution Control Department to enable cooperation between AIT and PCD for promoting mutually beneficial research, seminar and academic collaboration, particularly in the fields of decentralized wastewater management and urban management and development.

MoU signed with SPS Global Corporation Co., Ltd to enable cooperation between AIT and SPS for academic collaboration, to promote mutually beneficial research, designing and implementing of projects in the areas of structural engineering, environment, resource and development and other activities as specified by the two parties.

UNITED KINGDOM
MoU signed between Elim Project Systems Limited, HCSET and AIT to work together to contribute to the better quality of life for the people of Africa through the provision and sustained maintenance of proper affordable buildings facilities for residential housing and infrastructural buildings.

UNITED STATES OF AMERICA
MoU signed with The Heller School for Social Policy and Management, Brandeis University to enable cooperation in the fields of education and research to be agreed upon.

VIETNAM
MoU signed with An Giang University for education, training and research to promote the human resource development of Vietnam and An Giang province.

MoU signed with PVD Training to strengthen the relationship and develop collaboration in academic, training, faculty and other related activities.
MOA SIGNED IN 2013

BHUTAN
Samdrup Penor Education Consultancy & Placement Firm (SPEC&PF) signed MOA with AIT to help in recruitment of students and training participants from Bhutan.

CHINA
MOA signed with Gold East Paper (Jiangsu) Co., Ltd Shanghai Branch (APP) for Graduate Scholarships.

FRANCE
MoA signed with CIRAD (Center de Cooperation Internationale en Recherche Agronomique pour le Developpement) for seconded faculty members to AIT for a two-year period.
MoA Amendment signed with Telecoms Sans Frontier to extend the duration of the Agreement to continue ongoing collaborations.

GERMANY
MoA signed with Clausthal University of Technology to promote exchange of qualified students enrolled in engineering fields and to collaborate in research in the areas of Engineering.

INDIA
MOA signed with Indian Institute of Management-Ahmedabad (IIMA) to have students exchange.
MOA signed with SHE Foundation to support academic development and conduct student recruitment.
EDU World signed MOA with AIT to help in recruitment of students and training participants from India.

INDONESIA
MOA signed with Institut Teknologi Sepuluh Nopember (ITS) to define the framework for a Dual Master’s Degree.

JAPAN
MoA renewal with United Nations University noting with satisfaction the progress achieved between UNU and AIT in the area of Urban Future and Management.
MoA signed with Chiba University to promote the student exchange program between AIT and Chiba University in undergraduate and graduate levels.

KOREA
MoA signed with Department of Geo-Informatics, University of Seoul with RSGIS-AIT on student exchange program.
MoA signed with Hyundai Engineering & Construction Hyundai Motor Group, South Korea and the Construction, Engineering and Infrastructure Management Field of Study of School of Engineering and Technology of AIT to provide training program in Project Management knowledge in terms of Theories and Practical aspects for the participants (Trainees) from Hyundai: engineers and staff who work on construction projects; and implementation with CEIM with funding support from Hyundai.

MYANMAR
MoA with Myanmar Egress to act as National Secretariat for selection process of Norwegian Ministry of Foreign Affairs Scholarship program for Myanmar Candidates for the intake of batch August 2013. The main function of the National Secretariat is as a communication node between AIT-External Relations and Communications Office (ERCO) and the prospective scholarship recipients.
MoA with Myanmar Egress to conduct a pre-bridging program in Yangon, Myanmar for AIT master’s degree candidates who are recipients of the Norwegian Ministry of Foreign Affairs (NMFA) scholarships for Myanmar Nationals to study at AIT for August 2013 intake only.

PAKISTAN
MOA signed with National University of Science & Technology (NUST) to conduct dual degree Master’s programs for EEM-SERD and RS&GIS-SET.

PORTUGAL
MoA signed with University of Minho to enable cooperation with AIT to promote collaborative activities in exchange students, joint doctoral research, and exchange of faculty/staff.

THAILAND
MoA signed with Wastewater Management Authority for academic collaboration for starting and delivering a Professional Master’s Program in Water Technology Management.
MoA signed with Pollution Control Department to operationalize cooperation and collaboration between AIT and PCD in the particular field of urban management and development through a graduate continuing education and capacity building program for local government officers through the Work-Based executive Master’s Degree (WB-EM) Program in Urban Management.
MoA signed with Post Graduate Student Recruitment Agent (PG-SRA) and ACC & CON Business Consultants Company Limited (ACBCCL) to start the cooperation program for the academic year 2013 in the August/January assisting AIT to recruit students and training participants from People’s Republic of China and other Asian Countries. In return ACBCCL would receive a certain percentage of the tuition fee for each student accepted by AIT. The AIT shall receive students sent by ACBCCL to study the Master’s or Doctoral Degree Programs. This agreement additionally provides arrangements for ACBCCL to recruit professionals for short term education and training course organized by AIT Extension in exchange for a percentage of the training fee.

UNITED STATES OF AMERICA
MoA signed with Colorado State University (CSU) for Joint Research Project in the field of FEBT-SERD and Department of Chemical and Biological Engineering in CSU.
### PROMOTIONAL ACTIVITIES

<table>
<thead>
<tr>
<th>S.N.</th>
<th>Promotional Activity</th>
<th>City/Country</th>
<th>Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Thailand International Education Expo (TIEE) 2013</td>
<td>Bangkok, Thailand</td>
<td>21 – 24 February 2013</td>
<td>ERCO and Schools participated</td>
</tr>
<tr>
<td>2.</td>
<td>“Kick-off Symposium for Project for Promotion of Global Human Resource Development”, Ochanomizu University</td>
<td>Tokyo, Japan</td>
<td>28 February – 1 March 2013</td>
<td>Represented by faculty member from GDS, Head of Student Office and ERCO Program Officer</td>
</tr>
<tr>
<td>3.</td>
<td>Eduzones Expo 2013</td>
<td>Bangkok, Thailand</td>
<td>6 – 7 April 2013</td>
<td>ERCO and Schools participated</td>
</tr>
<tr>
<td>4.</td>
<td>Promotion trip that included high level meetings with the President of Nepal, Prime Minister of Nepal, Ministers of Foreign Affairs and Education of Nepal, Officials of National Planning Commission. The high level AIT delegation attended AIT Day, organized jointly by Nepal Education Foundation- Consortium of Colleges Nepal (NEF-CCN) and AIT Alumni Association Nepal Chapter.</td>
<td>Kathmandu, Nepal</td>
<td>18 - 21 July 2013</td>
<td>Headed by the Chairperson of Executive Committee, Interim President, and Interim Head of AIT Alumni Office, AIT and Institute Secretary.</td>
</tr>
</tbody>
</table>

### PROMINENT VISITORS TO AIT

<table>
<thead>
<tr>
<th>S.N.</th>
<th>Visitor</th>
<th>Date</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Professor Dr. Steven Abt, Interim Dean of the College of Engineering and a delegation from Colorado State University, USA</td>
<td>22 February 2013</td>
<td>MoU signed</td>
</tr>
<tr>
<td>2.</td>
<td>H.E. Ambassador Mrs. Katja Christina Nordgaard Royal Norwegian Embassy to Thailand, Myanmar and Cambodia, Mr. Erik Svedahl, Minister Counsellor, Ms. Marte Briseid, Second Secretary, Dr. Chatri Moonstan, Senior Programme Officer, Royal Norwegian Embassy, Thailand</td>
<td>7 March 2013</td>
<td>Annual Consultation</td>
</tr>
<tr>
<td>3.</td>
<td>Professor Atsuhiro Takasu, Chair, Department of Informatics and Professor Sonehara, Dean, School of Multidisciplinary Sciences, Graduate University of Advanced Studies (Sokendai), Japan</td>
<td>28 March 2013</td>
<td>Follow up meeting on Dual Degree Doctoral program</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. Y. Yunardi, Education and Culture Attaché, Embassy of Republic of Indonesia in Thailand, Mr. M. Dason Hamid, Deputy Head of Badan Pembina Harian (University Foundation), University of Muhammadiyah Yogyakarta (UMY) and Dr. Sri Atmaja P. Rosyidi, Associate Professor and Vice Rector for Student and Alumni Affairs, Promotion, and Partnerships, UMY, Indonesia</td>
<td>1 April 2013</td>
<td>Explore possible areas of collaboration</td>
</tr>
<tr>
<td>5.</td>
<td>Professor Emeritus Yoshifumi Yasoaka, University of Tokyo and Former Deputy Executive Director of National Institute for Environmental Studies (NIES)</td>
<td>2 April 2013</td>
<td>Courtesy Call</td>
</tr>
<tr>
<td>S.N.</td>
<td>Visitor</td>
<td>Date</td>
<td>Purpose</td>
</tr>
<tr>
<td>------</td>
<td>-------------------------------------------------------------------------</td>
<td>-----------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>6</td>
<td>Prof. Dr. Rasul Bakhsh Raisani, Vice Chancellor, University of Balochistan (UoB), Mir Shai Mazar Baloch, Principal Staff Officer to Vice Chancellor and Ghulam Farooq, Human Resources Development Coordinator and Executive Engineer, UoB</td>
<td>4 June 2013</td>
<td>Renewal of MoU</td>
</tr>
<tr>
<td>7</td>
<td>H.E. Dr. Win Myint, Deputy Minister, Ministry of Construction and high level delegation from the Ministry of Construction, Myanmar</td>
<td>8 July 2013</td>
<td>To discuss possible areas of collaboration</td>
</tr>
<tr>
<td>8</td>
<td>Dr. Y. Yunardi, Attaché, Education and Culture, Embassy of Indonesia in Thailand, Mr. Ridwan Anzib, Deputy Director for Qualification Affairs, DIKTI, Ministry of Higher Education and Dr. Yusuf Fuad, State University of Surabaya</td>
<td>31 July 2013</td>
<td>To discuss ongoing collaborative activities</td>
</tr>
<tr>
<td>9</td>
<td>H.E. President Fidel V. Ramos, Former President of Philippines, H.E. Mrs. Jocelyn S. Batoon-Garcia, Ambassador of the Philippines to Thailand and Mr. Edgar B. Badajos, Minister and Consul General, Embassy of the Philippines, Thailand</td>
<td>9 August 2013</td>
<td>To meet with Interim President and the Filipino community at AIT</td>
</tr>
<tr>
<td>10</td>
<td>Mr. Fumio Isoda, Executive Vice President, Ms. Mutsuko Inoue, General Manager, Dr. Hiroshi Sakai, Assistant Professor, Department of Urban Engineering, University of Tokyo and Mr. Koji Tawara, First Secretary, Embassy of Japan in Thailand</td>
<td>3 September 2013</td>
<td>To discuss collaborative activities</td>
</tr>
<tr>
<td>11</td>
<td>Mr. Hideshi Kozawa, Technical Counselor and former Executive Director, Japan Aerospace Exploration Agency (JAXA), Japan</td>
<td>9 September 2013</td>
<td>Courtesy call on Interim President and discussion on further collaborative activities</td>
</tr>
<tr>
<td>12</td>
<td>Professor Hiroshi Oi, Graduate School of Life and Environmental Sciences, University of Tsukuba, Japan</td>
<td>18 September 2013</td>
<td>Courtesy call on Interim President and discuss about renewal of Agreements</td>
</tr>
<tr>
<td>13</td>
<td>Dr. Satoshi Itoh, Director, National Institute of Advanced Industrial Science and Technology, Information Technology Research Institute (ITRI/AIST) Dr. Tomohiro Kudoh, Deputy Director, and Dr. Yoshio Tanaka, Principal Research Manager; Dr. Satoshi Sekiguchi, Deputy Director General, Directorate for Information Technology and Electronics at AIST and former Director, ITRI, Japan</td>
<td>2 October 2013</td>
<td>To discuss MoU</td>
</tr>
<tr>
<td>14</td>
<td>Dr. Michael Eddi, President of CIRAD- Agricultural Research for Development, France, Dr. Jean Charles Maillard, Regional Director Asia (CIRAD-France), and Dr. Philippe Girard, Country Representative to Thailand (CIRAD-France)</td>
<td>17 October 2013</td>
<td>Maiden visit of newly appointed President to review partnership and proposed new phase of partnership</td>
</tr>
<tr>
<td>15</td>
<td>Dr. A. Caroline Sutandi, Dean, Faculty of Engineering, Dr. Doddi Yudianto, Head of Civil Engineering Department and Dr. Paulus Pramono, Coordinator for Disaster Management Program accompanied by 40 students from Parahyangan Catholic University (UNPAR), Indonesia</td>
<td>4 November 2013</td>
<td>To discuss possible areas of cooperation and campus tour.</td>
</tr>
<tr>
<td>16</td>
<td>Mr. Zhou Gaoyu, First Secretary (Education), The Embassy of the People’s Republic of China to Thailand</td>
<td>22 November 2013</td>
<td>To discuss scholarship opportunities and areas of collaboration with Chinese Institutions</td>
</tr>
<tr>
<td>17</td>
<td>Dr. Muhammad Mohsin Nazir, Associate Professor, Department of Computer Science, Lahore College for Women University (LCWU), Lahore, Pakistan</td>
<td>10 December 2013</td>
<td>To discuss Agreement renewal and areas of cooperation.</td>
</tr>
<tr>
<td>18</td>
<td>Mr. Francisco Dionisio Fernandes, Counsellor and Chargé d’ Affaires and Mr. Paulino Henrique, Attaché of Education, Embassy of Timor-Leste to Thailand</td>
<td>21 December 2013</td>
<td>Courtesy call and to discuss the proposed Agreement.</td>
</tr>
</tbody>
</table>
AWARDS AND RECOGNITION

FACULTY / STAFF

SCHOOL OF ENGINEERING & TECHNOLOGY (SET)

1. Affectionately referred to as the “Mother of the Internet in Thailand” for her pioneering work, Professor Kanchana Kanchanasut of the Asian Institute of Technology (AIT) on 26 June 2013 was inducted into the global Internet Hall of Fame by the Internet Society based in Geneva, Switzerland. Prof. Kanchana Kanchanasut was the first Thai person to introduce electronic mail and the Internet to Thailand and was actively involved in many Internet connectivity initiatives in other Southeast Asian countries, championing the idea of email, and later the Internet in the region in the 1980s.

2. An advanced electronic monitoring device developed by Dr. Mongkol Ekpanyapong of the AIT School of Engineering and Technology (SET) was one of five technologies presented by Thailand’s National Science and Technology Development Agency (NSTDA) at its Investors’ Day 2013. AIT’s Vehicle Watch System (V-Watch), an intelligent, automated car-watching system, was chosen for the multiple applications it offers investors. Featuring a highly-efficient shadow-erasing system, V-Watch possesses a security feature to store and document visual evidence in the form of high-resolution photos or short video clips, and is equipped with an OCR system for reading automobiles’ license plates. It can report online and in real-time. Dr. Mongkol’s creation is funded by NSTDA and is considered a joint technology with AIT. Each partner shares the intellectual property (IP) and patent rights.

SCHOOL OF ENVIRONMENT, RESOURCES AND DEVELOPMENT (SERD)

1. Dr. Ram Bhujel is the Principal Investigator for the project, called “e-Women,” which has been funded by the Italian Ministry of Foreign Affairs through the University of Tuscia. University of Tuscia, Italy, and Environmental and Economic Research Institute (EERi), Myanmar has signed an agreement with the Asian Institute of Technology (AIT) to implement a community development program titled “Development of Rural Aquaculture through Entrepreneurship in Women in Myanmar.”

The program has an annual budget of 15 Million THB. The signing ceremony of the Memorandum of Agreement (MoA) on 17 January 2013 was attended by Dr. Edoardo Pantanella, University of Tuscia, Italy; Mr. U Tin Win Aung, Chairman, MCC-EERi, Myanmar; Prof. Said Irandoust, President, AIT; and Dr Ram C. Bhujel, Project Principal Investigator, AIT.

The project goal is to improve livelihood of the rural people through women’s empowerment, and it seeks to achieve this through generating income, improving nutrition and creating employment. Ninety-nine families from 11 villages have been selected as target group for the first year of the project. The program team comprises of Dr. Giuseppe Colla, Principal Investigator at the University of Tuscia (UoT), Italy; Dr. Ram C. Bhujel, Principal Investigator at the Asian Institute of Technology (AIT/SERD), Thailand; Dr. Edoardo Pantanella, Project Coordinator, UoT; Ms. Chaw Khin Khin, National Program Advisor, Yangon, Myanmar; and Dr. Win Myint, National Program Manager, Environmental and Economics Research Institute (EERi), Yangon, Myanmar.

2. Dr. Philippe Doneys, Assistant Professor of Gender and Development Studies (GDS) field of study, School of Environment, Resources and Development, was awarded a research grant of AUS$ 767,000 (US$ 800,000) from the Government of Australia for a 3-year gender-focused study covering four countries of the Greater Mekong Sub-Region.

The large-scale study lasting from 2013-2015 “would focus on women’s economic empowerment and social protection projects in Cambodia, Laos, Myanmar and Vietnam. It would involve an exploration of the gaps between the level of decision-makers and intended beneficiaries in terms of their conceptions of the ideas of empowerment and security and their perceptions of what is happening on the ground.”

AusAID announced the results of the AusAID Development Research Awards Scheme (ADRAS) Funding Round, with 45 grants totaling $28.7 million over three years awarded across eight themes: Africa, Disability-inclusive development, Education, Gender, Mining for development, Scholarships, and Water, sanitation and hygiene.

Assistant Professor Dr. Philippe Doneys is the principal investigator of the AIT research project titled
"What is Essential is Invisible: Empowerment and Security in Economic Projects for Low Income Women in the Greater Mekong Sub-Region", which was selected in the Gender category, and from a pool of 581 applications overall.

3. **Prof. Nguyen Thi Kim Oanh** of Environmental Engineering and Management was interviewed by USAID as a part of their "Women’s History Month" theme on March 2013. Her interview was featured in USAID’s ‘Impact blog’ under the theme “Women Inspiring Innovation through Imagination: Celebrating Women in Science, Technology, Engineering and Mathematics.”

4. **Dr. Anil Kumar Anal** was promoted to the rank of Associate Professor. He had joined AIT as an Assistant Professor in the Food Engineering and Bioprocess Technology (FEBT) Field of Study (FoS) in July 2009.

   His research areas include Animal Biotechnology, Food and Pharmaceutical Biotechnology, Dairy and Meat Process Technology, Food Colloids and Biopolymer, Functional Foods, Micro-/Nanoencapsulation and Bionanotechnology.

5. **Dr. Shobhakar Dhakal** was been named a lead member of an international effort by top climate scientists to help cities around the world address the causes and consequences of climate change.

   He will be oversee expert teams that will produce assessments on a range of issues, from urban health to food to water and energy systems, transportation, economics and private finance, and governance. The work is part of a larger effort by the Urban Climate Change Research Network (UCCRN) to synthesize scientific knowledge and produce a resource for guiding cities in their response to climate change. The Second UCCRN Assessment Report on Climate Change and Cities (ARC3-2) would be published in 2015. Dr. Shobhakar had also facilitated the three-day ARC3-2 Initiating Workshop convened in New York City held from 17-19 September 2013. In attendance were 110 urban climate change experts, stakeholders, and practitioners from Asia, Australia, Europe, Africa and the Americas.

6. **Prof. C. Visvanathan**’s Research Team Received “Best Young Scientist Oral Presentation Award” at CESE 2013—the Sixth Annual Conference on the Challenges in Environmental Science and Engineering, organized by Korean Society of Water and Wastewater (KSWW), held in Daegu, Korea from 29 October to 2 November 2013. Dr. Zeshan and Dr. Romchat Rattanaoudom, SERD Alumni, were chosen as the winners.
SCHOOL OF ENGINEERING & TECHNOLOGY (SET)

1. Ms. Trang Bui Thi Thu, a Master’s student of the School of Engineering and Technology was awarded “University of Nairobi-IDRC Research Grants on Innovative Application of ICTs in Addressing Water-related Impacts of Climate Change”. Ms. Bui is conducting her research under the supervision of Dr. Sangam Shrestha, Assistant Professor of Water Engineering and Management (WEM).

2. Mr. S. H. M. Fakhruddin, a doctoral student at the School of Engineering and Technology (SET) has been granted the American Geophysical Union (AGU) Berkner Fellowship. His paper on “Medium Range Ensembles Flood Forecasts for Community Level Applications” was among the three selected as an Outstanding Student Paper. Supervised by Prof. Mukand Singh Babel of AIT, and Dr. Akiyuki Kawasaki, visiting faculty at AIT from the University of Tokyo, the research created a model to lead-time for flood forecasting in Bangladesh.

3. A student of the Asian Institute of Technology (AIT) has bagged the “Best Student Paper” award at the 3M Nano conference held at Suzhou, China. The conference on “Manipulation, Manufacturing and Measurement on the Nano Scale” saw Mr. Om Prakash Gujela, a Master’s student of the Mechatronics Field of Study in AIT’s School of Engineering and Technology (SET) receive the best paper award from Prof. Zuobin Wang of Changchun University of Science and Technology, China. The paper was co-authored by three AIT alumni - Dr. Muzamil Bokhari, Dr. Ajab Khan Kasi, Dr. Zafar Khan Kasi; Mr. Om Prakash Gujela; and Dr. Nitin Afzulpurkar, former Dean, SET. The paper is titled “Improving Photoelectric Conversion Efficiency of DSSC Using ZnO/ZnP Composite Nanorods.”

4. Mr. Salman Ali Suhail of Geotechnical and Earth Resource Engineering received the best intern award for effective and qualitative office work during the five-week long internship program at the Korea Water Resources Corporation (K-water).

SCHOOL OF ENVIRONMENT, RESOURCES AND DEVELOPMENT (SERD)

1. Doctoral student Mr. Ngo Thanh Son was awarded the “University of Nairobi-International Development Research Centre (IDRC) Research Grants Award.”

   The award is granted to strengthen the capacity of Master’s and Doctoral students in universities in Africa, Asia and Latin America to more effectively engage in research on innovative application of ICTs in addressing water-related impacts of climate change leading appropriate policy formulation. The award comprises of a cash grant of CAD $15,000. Mr. Ngo Thanh Son is conducting his research on “Assessment of Land Use Change and Climate Variability on Water Resources for the Upper Ma River Basin of Viet Nam”. His research aims to use the Soil and Water Assessment Tools (SWAT) model to assess the impacts of land use change and climate variability on water resources for the upper Ma river basin of Viet Nam. Mr. Son is conducting his research under the supervision of Dr. Rajendra P Shrestha, Associate Professor, Natural Resources Management (NRM), SERD.

2. Mr. Nguyen Hong Phuc, a Master’s student of Environmental Engineering and Management field of study, was awarded The Best Master’s Student paper award from the West Coast Section – Air and Waste Management Association based in the United States in May 2013 for a paper he co-authored. Based on his research conducted in 2011, Phuc found evidence that reducing indoor air pollutants led to the “win-win” result of increased air quality at local levels and decreased emissions of greenhouse gases at the global scale.

3. Mr. Nurrohman Wijaya of Urban Environmental Management (UEM) was awarded for his project “Water Resource Management” of Indonesia and Lessons learnt from South Korea during his five-week long internship program at the Korea Water Resources Corporation (K-water). He was one of the three candidates whose project was awarded during the internship program.

   Other AIT students who attended the internship program included Mr. Anuj Shrestha and Mr. Adeel Tariq of School of Management; Mr. Nguyen Hong Phuc and Ms. Yali Zhang of Environmental Engineering and Management, School of Environment, Resources and Development; Mr. Min Thu Aung (Water Engineering and Management), Mr. Sakol Kitkasiwat (Mechatronics), and Ms. Bu Saw (Computer Science), from School of Engineering and Technology (SET).
GRADUATION PRIZE/AWARD RECIPIENTS IN 2013—IN RECOGNITION OF THEIR MOST OUTSTANDING ACADEMIC PERFORMANCE

MASTER’S PROGRAM

- **Mr. Akilan Thangarajah**
  The Infineon Prize, Microelectronics & Embedded Systems.

- **Ms. Apinya Chanthakulchan**
  The Tim Kendall Memorial Prize, Industrial and Manufacturing Engineering

- **Ms. Aulia Rahma**
  The C. Kwei Lin Prize, Aquaculture & Aquatic Resources Management

- **Mr. Chaitthar Thitharatanaporn**
  The Hisamatsu Prize, Mechatronics

- **Mr. Chaulwarin Sakulluangaram**
  The Deeswasmongkol Prize, Geotechnical & Earth Resources Engineering

- **Ms. Garuna Yooyartwong**
  The AIT Alumni Association Prize, School of Management

- **Mr. Mr. Chaulwarin Sakulluangaram**
  The Deeswasmongkol Prize, Geotechnical & Earth Resources Engineering

- **Ms. Harshana Shrestha**
  The Hodaka Prize, Water Engineering & Management

- **Mr. Karn Yongsiriwit**
  The Hisamatsu Prize, Computer Science

- **Mr. Kshitij Parajuli**
  The Hodaka Prize, Water Engineering & Management

- **Mr. Mandeep Pokhrel**
  The Wen-Jei Yang Prize, Structural Engineering

- **Mr. Maximilian Ammann**
  The Wilhelm Hill Prize, School of Management (MBA students)

- **Mr. Md. Shah Alam**
  The Indah Water Konsoritum Prize, Nanotechnology

- **Mr. Nachanok Chanmee**
  The Deeswasmongkol Prize, Geotechnical & Earth Resources Engineering

- **Mr. Napadol Khunanugul**
  The James A. Linen III Memorial Prize, Information Management

- **Mr. Nonthi Cherdangsuan**
  The Yoshiro Takasaki Prize, Energy

- **Mr. Nutthanon Liksitpong**
  The Tim Kendall Memorial Prize, Industrial and Manufacturing Engineering

- **Ms. Pattaraporn Posoknistakul**
  The Abdolrahman Salaghi Prize (special), Pulp & Paper Technology

- **Mr. Rajeev Ranjan Sinha**
  The Y.Y. Kishida Prize, Agricultural Systems & Engineering

- **Ms. Ria Permana Sari**
  The Alastair M. North Prize, Gender & Development Studies

- **Mr. Samrat Gyawali**
  The Aoyagi Prize, Information & Communication Technologies

- **Ms. Soe Soe Htway**
  The Tim Kendall Memorial Prize, Natural Resources Management

- **Mr. Su Lai May**
  The James A. Linen III Memorial Prize, Regional & Rural Development Planning

- **Mr. Sumeth Wongkiew**
  The Chongrak Polprasert Prize, Water & Wastewater Engineering

UNDERGRADUATE PROGRAM

- **Ms. Tahia Fahrin Karim**
  The Wireless Personal Multimedia Communications (WPMC) Prize, Telecommunications (Wireless Multimedia)

- **Mr. Takuya Watanabe**
  The Mahesh Varma Prize, Construction, Engineering & Infrastructure Management

- **Mr. Udaya Upul Jayasinghe**
  The A B Sharma Memorial Prize, Information & Communications Technologies and Telecommunications (best thesis)

- **Ms. Witchaya Traichok**
  The AIT Alumni Association Prize, School of Environment, Resources & Development (female)
1. SET alumnus and former seconded faculty member 
Professor Yew-Chaye Loo of Griffith University, Australia, has been named to The Queen’s Birthday 2013 Honors’ List and will be made a Member of the Order of Australia, one of his country’s highest civilian honors. Prof. Loo was named for his significant service to civil and structural engineering.

Originally from Malaysia, Yew-Chaye Loo graduated from the Asian Institute of Technology in 1968 with a Master’s of Engineering in Structural Engineering and Construction from the School of Civil Engineering. Prof. Loo was also a Seconded Associate Professor to AIT from 1981-1984.

2. Mr. Preecha Ekkunagul, has been appointed as President and CEO of Central Pattana Public Co. Ltd (CPN). His appointment was announced on 6 December 2013 after a meeting of the Board of Directors of CPN. He assumed his responsibility from 2 January 2014. An alumnus of Industrial Engineering and Management (IEM), Mr. Preecha received his Master’s degree in Engineering from AIT in 1981, and his Bachelor’s in Chemical Engineering from Chulalongkorn University. He is an experienced business administrator with an experience spanning three decades. Mr Preecha has been in senior administrative positions in the Central Group since 1995. He has served as Managing Director of Big C Supercenter Public Company Limited (1995-2000); President of CRC Power Retail Co., Ltd. and B2S Co., Ltd. (2000 - 2003); and President of Robinson Department Store Public Co., Ltd. (2003 – 2013).

3. Dr. Bimal Nepal has been appointed as the Corrie and Jim Furber ’64 Faculty Fellow by Dr. M. Katherine Banks, Vice Chancellor and Dean of engineering. Nepal is an assistant professor in the Industrial Distribution Program in the Department of Engineering Technology and Industrial Distribution. Nepal earned a Bachelor’s degree in mechanical engineering from the Malaviya National Institute of Technology in Jaipur, India; a Master’s degree in industrial engineering from the Asian Institute of Technology in Bangkok, Thailand; and a Ph.D. in industrial engineering from Wayne State University.

1. Mr. Gurung was elected from Tsirang constituency in a six-cornered contest held on 23 April 2013. Mr. Gurung, graduated with a Master’s in Engineering (2007) from Energy field of study from SERD, had earlier served Tsirang as a Rural Electrification Division Manager in Bhutan Power Corporation. His candidate profile proudly mentions AIT in his CV.

Sixty-seven candidates had contested the National Council elections, out of which 20 were elected from their respective Dzongkhags (constituencies) to be their representatives as the Members of the National Council of the Second Parliament of the Kingdom of Bhutan.

2. SPS Global Corporation, a company established by an alumnus of SERD, Dr. Soontorn Piromsartkoon, announced a scholarship of US$8,000 (THB-249,280) for a student to pursue a Master’s programme at AIT’s School of Environment, Resources and Development (SERD). Besides the scholarship, the company is also exploring internship opportunities for students of AIT’s School of Engineering and Technology (SET) and SERD.
APPENDICES
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 2013, 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 2013, and the financial performance for the year then ended 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
13 June 2014
### Statements of financial position

For the year ended 31 December

<table>
<thead>
<tr>
<th>Note</th>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(in Baht)</td>
<td></td>
</tr>
</tbody>
</table>

#### ASSETS

**Current assets**
- Cash and cash equivalents: 509,322,273, 288,841,248
- Current investments: 278,473,454, 394,505,806
- Accounts receivable: 152,159,578, 165,130,721
- Receivables from Program fund: 37,794,483, 37,562,675
- Assets held on behalf of donors: 263,932,356, 249,853,934
- Assets held on behalf of UNEP RRC.AP: 93,153,104, 104,255,691
- Other current assets: 40,701,577, 266,945,777

**Total current assets**: 1,375,536,825, 1,507,095,852

**Non-current assets**
- Restricted deposits of financial institutions: 15,100,000, 15,050,000
- Property and equipment: 627,839,499, 624,336,771
- Deposits: - 624

**Total non-current assets**: 642,939,499, 639,387,395

**Total assets**: 2,018,476,324, 2,146,483,247

#### LIABILITIES AND FUND BALANCES

**Current liabilities**
- Accounts payable and accrued expenses: 168,119,802, 214,396,525
- Advances from Program fund: 154,748,412, 185,391,975
- Deposit payables: 4,592,846, 4,808,438
- Amounts due to donors: 263,932,356, 249,853,934
- Amounts due to UNEP RRC.AP: 93,153,104, 104,255,691

**Total current liabilities**: 684,546,520, 758,706,563

**Non-current liabilities**
- Employee benefit obligations: 24,655,605, 25,955,149

**Total non-current liabilities**: 25,955,149, 29,613,219

**Total liabilities**: 709,202,125, 784,661,712

**Fund balances**
- Endowment fund balances: 137,836,656, 136,654,769
- Capital funds balances: 748,258,438, 812,867,656
- General reserve: 423,179,105, 412,299,110

**Total fund balances**: 1,309,274,199, 1,361,821,535

**Total liabilities and fund balances**: 2,018,476,324, 2,146,483,247
### STATEMENTS OF REVENUES AND EXPENSES

For the year ended 31 December

<table>
<thead>
<tr>
<th>Note</th>
<th>2013 (in Baht)</th>
<th>2012 (in Baht)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Income</td>
<td>Expenses</td>
</tr>
<tr>
<td></td>
<td>Tuition and other fees</td>
<td>443,861,537</td>
</tr>
<tr>
<td></td>
<td>Research grants and contract service income</td>
<td>81,335,731</td>
</tr>
<tr>
<td></td>
<td>Support operations</td>
<td>127,759,828</td>
</tr>
<tr>
<td></td>
<td>Training</td>
<td>200,198,150</td>
</tr>
<tr>
<td></td>
<td>Other contributions</td>
<td>18,300,678</td>
</tr>
<tr>
<td></td>
<td>Faculty secondments</td>
<td>36,277,051</td>
</tr>
<tr>
<td></td>
<td><strong>Total income</strong></td>
<td><strong>907,732,975</strong></td>
</tr>
<tr>
<td></td>
<td>Expenses</td>
<td>Salaries and benefits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Materials, supplies and services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contracted services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Communication and travel</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Utilities and insurance</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Faculty secondments</td>
</tr>
<tr>
<td></td>
<td><strong>Total expenses</strong></td>
<td><strong>925,465,606</strong></td>
</tr>
<tr>
<td></td>
<td>Excess of income under expenses</td>
<td><strong>-17,732,631</strong></td>
</tr>
<tr>
<td></td>
<td>Depreciation</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Income under expenses including depreciation</td>
<td>-88,070,266</td>
</tr>
<tr>
<td></td>
<td>Non operating expenses</td>
<td>Investment income</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other income</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Gain (loss) on exchange rate</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Gain (loss) on disposal of assets</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Replenishment/ replacement of item damaged from flood</td>
</tr>
<tr>
<td></td>
<td>Income over (under) expenses</td>
<td>-71,493,312</td>
</tr>
<tr>
<td>Note</td>
<td>Unrestricted fund</td>
<td>Restricted fund - General</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>-------------------------------------------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>31 December 2012</td>
<td>3,136,654,769 (in Baht)</td>
<td></td>
</tr>
<tr>
<td>Balances as at 1 January</td>
<td>336,654,769</td>
<td></td>
</tr>
<tr>
<td>Adjusted Balances as at 1 January</td>
<td>-</td>
<td>136,654,769</td>
</tr>
<tr>
<td>Additions (Declarations):</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Income over (under) expenses for the year (AITTH)</td>
<td>65,690,528</td>
<td></td>
</tr>
<tr>
<td>Income over (under) expenses for the year (AITCV)</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Total additions (deductions) for the year</td>
<td>65,690,528</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>65,690,528</td>
<td></td>
</tr>
<tr>
<td>Transfer to (from) other funds:</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Unrestricted fund-General</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Restricted fund - General</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Program fund</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Balances as at 31 December</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

**APPENDICES**

**STATEMENTS OF CHANGES IN FUND BALANCES**

<table>
<thead>
<tr>
<th>Note</th>
<th>Unrestricted fund</th>
<th>Restricted fund - General</th>
<th>Program fund</th>
<th>Capital funds</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>31 December 2013</td>
<td>1,078,422,102 (in Baht)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Balances as at 1 January</td>
<td>136,654,769 (in Baht)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adjusted Balances as at 1 January</td>
<td>-</td>
<td>136,654,769</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Additions (Declarations):</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Income over (under) expenses for the year (AITTH)</td>
<td>65,690,528</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Income over (under) expenses for the year (AITCV)</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total additions (deductions) for the year</td>
<td>65,690,528</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>65,690,528</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transfer to (from) other funds:</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unrestricted fund-General</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Restricted fund - General</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Program fund</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Balances as at 31 December</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### STATEMENTS OF CASH FLOWS

**For the year ended 31 December**

<table>
<thead>
<tr>
<th>Note</th>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(in Baht)</td>
<td></td>
</tr>
</tbody>
</table>

#### Cash flows from operating activities

- **Opening fund balances**: 1,361,821,535
- **Closing fund balances**: 1,309,274,199
- **Movement in fund balances**: -52,547,336

#### Adjustments to reconcile movement of fund balances

- **Doubtful debts**: 7
- **Gain on disposal of assets**: -
- **Depreciation**: 70,337,635
- **Unrealised loss (gain) on exchange rate**: -5,334,547

#### Movement in fund balances from operating activities before changes in operating assets and liabilities

16,097,519

#### Changes in operating assets and liabilities:

- **Accounts receivable**: 11,390,292
- **Receivables from Program fund**: -231,809
- **Other current assets**: 226,244,200
- **Advance deposits**: 624
- **Accounts payable and accrued expenses**: -46,276,722
- **Advances from Program fund**: -30,643,563
- **Deposit payables**: -215,592
- **Employee benefit obligations paid**: -1,299,544

**Net cash from operating activities**: 175,065,405

#### Cash flows from investing activities

- **Decrease (increase) in current investments**: 116,032,352
- **Increase in restricted deposits of financial institutions**: (50,000.00)
- **Purchase of property and equipment**: -74,080,940
- **Proceeds from sale of equipment**: -

**Net cash from (used in) investing activities**: 41,901,412

#### Net increase (decrease) in cash and cash equivalents

216,966,817

**Cash and cash equivalents at beginning of year**: 288,841,248

**Effects of exchange rate changes on balances in foreign currencies**: 3,514,208

**Cash and cash equivalents at end of year**: 509,322,273

[AIT Annual Report 2013]
### STATEMENTS OF FINANCIAL POSITION AS AT 31 DECEMBER 2013 AND 2012

#### Note

**Unrestricted fund-General**

- **Current assets**
  - Cash and cash equivalents: 55,995,633 (117,880,980)
  - Current investments: 1,608,846
  - Accounts receivable: 48,691,348
  - Receivables from Program fund: 4,234,336
  - Total current assets: 109,046,575

- **Restricted funds**
  - Restricted deposits of financial institutions: 15,100,000
  - Property and equipment: 627,839,499
  - Total restricted assets: 642,939,499

- **Total assets**: 1,018,476,324

**Liabilities and fund balances**

- **Current liabilities**
  - Accounts payable and accrued expenses: 85,232,620
  - Total current liabilities: 86,307,943

- **Non-current liabilities**
  - Employee benefit obligations: 22,738,632
  - Total non-current liabilities: 24,655,605

- **Total liabilities and fund balances**: 773,963,548

**Current funds**

- **Current fund General**
  - **Total current funds**: 109,046,575

**Restricted funds**

- **Restricted fund-General**
  - **Total restricted funds**: 642,939,499

**Property and equipment**

- **Total property and equipment**: 627,839,499

**Integrated facility management**

- **Total integrated facility management**: 624,336,771
## Income Statements for the Year Ended 31 December 2013 and 2012

<table>
<thead>
<tr>
<th></th>
<th>2013</th>
<th>2012</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total income</td>
<td>353,268,005</td>
<td>813,736</td>
<td>(in Baht)</td>
</tr>
<tr>
<td>Income over (under) expenses including depreciation</td>
<td>57,357,745</td>
<td>28,794,460</td>
<td>(96,845,596)</td>
</tr>
<tr>
<td>Non operating income and expenses</td>
<td>57,357,745</td>
<td>28,794,460</td>
<td>(96,845,596)</td>
</tr>
<tr>
<td>Income over (under) expenses</td>
<td>65,690,529</td>
<td>88,746,460</td>
<td>(107,574,860)</td>
</tr>
</tbody>
</table>

### Income

- **Tuition and other fees**
  - 2013: 331,264,514
  - 2012: 431,861,937
- **Research grants and contract service income**
  - 2013: 10,040,260
  - 2012: 23,367,795
- **Support operations**
  - 2013: 2,550,869
  - 2012: 25,651,406
- **Training**
  - 2013: 9,412,362
  - 2012: 11,595,040
- **Other contributions**
  - 2013: 2,409,065
  - 2012: 7,034,201
- **Faculty secondments**
  - 2013: 44,122,075
  - 2012: 36,746,831

### Expenses

- **Salaries and benefits**
  - 2013: 295,910,260
  - 2012: 238,221,875
- **Materials, supplies and services**
  - 2013: 20,000
  - 2012: 25,600,000
- **Contracted services**
  - 2013: 129,975,996
  - 2012: 131,080,396
- **Communication and travel**
  - 2013: 200,198,150
  - 2012: 215,561,606
- **Utilities and insurance**
  - 2013: 247,998,596
  - 2012: 238,940,000
- **Faculty secondments**
  - 2013: 36,746,831
  - 2012: 36,746,831

### Income over (under) expenses

- 2013: 57,357,745
- 2012: 28,794,460
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 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:

<table>
<thead>
<tr>
<th>TFRS</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAS 7 (revised 2009)</td>
<td>Statement of Cash Flows</td>
</tr>
</tbody>
</table>

The FAP had issued a number of new and revised TFRS which are effective for financial statements beginning on or after 1 January 2014 and have not been adopted in the preparation of these financial statements. The revised TFRS that are relevant to the Institute’s operations is as follows:

<table>
<thead>
<tr>
<th>TFRS</th>
<th>Topic</th>
<th>Year effective</th>
</tr>
</thead>
</table>

Management expects to adopt and apply this new and revised TFRS in accordance with the FAP’s announcement and has made a preliminary assessment of the potential initial impact on the Institute’s financial statements of this new and revised TFRS and expects that there will be no material impact on the financial statements in the period of initial application.

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 non-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 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 Program Fund (Fund 30 and Fund 31)

The 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 (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 statement of financial position 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 in October 2011 and started in February 2012. The Institute has recognised the reimbursements resulting from the flood damage amounting to Baht 440 million in 2012.

### 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.

**(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, deemed cost. 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:

<table>
<thead>
<tr>
<th>Component</th>
<th>Useful Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus development</td>
<td>10 years</td>
</tr>
<tr>
<td>Building improvement</td>
<td>10 years</td>
</tr>
<tr>
<td>Buildings</td>
<td>40 years</td>
</tr>
<tr>
<td>Furniture and equipment</td>
<td>5, 10 years</td>
</tr>
<tr>
<td>Transportation equipment</td>
<td>8 years</td>
</tr>
<tr>
<td>Library assets</td>
<td>6 years</td>
</tr>
</tbody>
</table>

No depreciation is provided on assets under construction.

**(f) Losses on decline in value**

The carrying amounts of the Company’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 recognized if the carrying amount exceeds its recoverable amount. A loss on decline in value is recognised in the statement of income.

**(g) Payables**

Payables are stated at cost.

**(h) 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.

**(i) 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.

**(j) 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. Lease incentives received are recognised in the statement of revenues and expenses as an integral part of the total lease expense, over the term of 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.
(k) 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

<table>
<thead>
<tr>
<th></th>
<th>2013 (in thousand Baht)</th>
<th>2012 (in thousand Baht)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bank accounts</td>
<td>5,949</td>
<td>62,475</td>
</tr>
<tr>
<td>Fixed deposits with maturity three months or less</td>
<td>503,373</td>
<td>226,366</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>509,322</strong></td>
<td><strong>288,841</strong></td>
</tr>
</tbody>
</table>

6. CURRENT INVESTMENTS

<table>
<thead>
<tr>
<th></th>
<th>2013 (in thousand Baht)</th>
<th>2012 (in thousand Baht)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed deposits with maturity more than three months</td>
<td>293,573</td>
<td>409,556</td>
</tr>
<tr>
<td>Less Deposits pledged as collateral</td>
<td>(15,100)</td>
<td>(15,050)</td>
</tr>
<tr>
<td><strong>Net</strong></td>
<td><strong>278,473</strong></td>
<td><strong>394,506</strong></td>
</tr>
</tbody>
</table>

As at 31 December 2013, fixed deposits of Baht 15.1 million (2012: 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

<table>
<thead>
<tr>
<th></th>
<th>2013 (in thousand Baht)</th>
<th>2012 (in thousand Baht)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and other fees</td>
<td>101,434</td>
<td>97,755</td>
</tr>
<tr>
<td>Others</td>
<td>58,372</td>
<td>71,381</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>159,806</strong></td>
<td><strong>169,136</strong></td>
</tr>
<tr>
<td>Less allowance for doubtful accounts</td>
<td>(7,646)</td>
<td>(4,005)</td>
</tr>
<tr>
<td><strong>Net</strong></td>
<td><strong>152,160</strong></td>
<td><strong>165,131</strong></td>
</tr>
<tr>
<td>Bad and doubtful debts expenses for the year</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>3,641</strong></td>
<td><strong>4,005</strong></td>
<td></td>
</tr>
</tbody>
</table>
### 8. PROPERTY AND EQUIPMENT

<table>
<thead>
<tr>
<th></th>
<th>Campus development</th>
<th>Building and building improvement</th>
<th>Furniture and equipment</th>
<th>Transportation equipment</th>
<th>Library assets</th>
<th>Assets under construction</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cost</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>At 1 January 2012</td>
<td>57,791</td>
<td>989,949</td>
<td>296,091</td>
<td>16,839</td>
<td>117</td>
<td>2,365</td>
<td>1,363,152</td>
</tr>
<tr>
<td>Additions</td>
<td>115,005</td>
<td>32</td>
<td>59,315</td>
<td></td>
<td></td>
<td>565</td>
<td>17,686</td>
</tr>
<tr>
<td>Disposals</td>
<td>-</td>
<td>-</td>
<td>(20)</td>
<td>(8,080)</td>
<td></td>
<td>(8,100)</td>
<td></td>
</tr>
<tr>
<td>Transfers</td>
<td>1,508</td>
<td>-</td>
<td>970</td>
<td></td>
<td>(398)</td>
<td>(2,080)</td>
<td></td>
</tr>
<tr>
<td>Foreign currency translation</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>At 31 December 2012 and 1 January 2013</strong></td>
<td>174,304</td>
<td>989,862</td>
<td>355,869</td>
<td>8,701</td>
<td>284</td>
<td>17,971</td>
<td>1,546,991</td>
</tr>
<tr>
<td>Additions</td>
<td>24,734</td>
<td>470</td>
<td>25,771</td>
<td>3,053</td>
<td></td>
<td>20,052</td>
<td>74,080</td>
</tr>
<tr>
<td>Disposals</td>
<td>-</td>
<td>-</td>
<td>(309)</td>
<td>(946)</td>
<td></td>
<td>(1,255)</td>
<td></td>
</tr>
<tr>
<td>Transfers</td>
<td>21,114</td>
<td>-</td>
<td>222</td>
<td>751</td>
<td></td>
<td>(22,087)</td>
<td></td>
</tr>
<tr>
<td>Foreign currency translation</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>At 31 December 2013</strong></td>
<td>220,152</td>
<td>990,579</td>
<td>381,488</td>
<td>11,678</td>
<td>284</td>
<td>15,936</td>
<td>1,620,117</td>
</tr>
<tr>
<td><strong>Depreciation</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>At 1 January 2012</td>
<td>48,650</td>
<td>561,837</td>
<td>255,591</td>
<td>13,494</td>
<td>2</td>
<td></td>
<td>879,610</td>
</tr>
<tr>
<td>Depreciation charge for the year</td>
<td>3,521</td>
<td>30,113</td>
<td>16,050</td>
<td>1,537</td>
<td>97</td>
<td></td>
<td>51,318</td>
</tr>
<tr>
<td>Disposals</td>
<td>-</td>
<td>-</td>
<td>234</td>
<td>(7,465)</td>
<td>8</td>
<td></td>
<td>(7,223)</td>
</tr>
<tr>
<td>Foreign currency translation</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>At 31 December 2012 and 1 January 2013</strong></td>
<td>52,171</td>
<td>591,918</td>
<td>270,952</td>
<td>7,506</td>
<td>107</td>
<td></td>
<td>922,654</td>
</tr>
<tr>
<td>Depreciation charge for the year</td>
<td>15,592</td>
<td>29,288</td>
<td>24,464</td>
<td>946</td>
<td>47</td>
<td></td>
<td>70,337</td>
</tr>
<tr>
<td>Disposals</td>
<td>-</td>
<td>-</td>
<td>(309)</td>
<td>(946)</td>
<td></td>
<td></td>
<td>(1,255)</td>
</tr>
<tr>
<td>Foreign currency translation</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>542</td>
</tr>
<tr>
<td><strong>At 31 December 2013</strong></td>
<td>67,763</td>
<td>621,407</td>
<td>295,150</td>
<td>7,804</td>
<td>154</td>
<td></td>
<td>992,278</td>
</tr>
<tr>
<td><strong>Net book value</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>At 31 December 2012</td>
<td>122,133</td>
<td>397,944</td>
<td>84,917</td>
<td>1,195</td>
<td>177</td>
<td>17,971</td>
<td>624,337</td>
</tr>
<tr>
<td>At 31 December 2013</td>
<td>152,389</td>
<td>369,172</td>
<td>86,338</td>
<td>3,874</td>
<td>130</td>
<td>15,936</td>
<td>627,839</td>
</tr>
</tbody>
</table>

The gross amount of fully depreciated property and equipment that was still in use as at 31 December 2013 amounted to Baht 493 million (2012: 282 million).
9. ACCOUNTS PAYABLE AND ACCRUED EXPENSES

<table>
<thead>
<tr>
<th></th>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>(in thousand Baht)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts payable from operation</td>
<td>33,624</td>
<td>44,316</td>
</tr>
<tr>
<td>Provision for insured saving fund tax</td>
<td>9,365</td>
<td>9,365</td>
</tr>
<tr>
<td>Advance from students</td>
<td>32,134</td>
<td>27,346</td>
</tr>
<tr>
<td>Withholding tax payable</td>
<td>5,235</td>
<td>6,224</td>
</tr>
<tr>
<td>Accrued expenses</td>
<td>9,324</td>
<td>9,598</td>
</tr>
<tr>
<td>Accrued staff expenses</td>
<td>49,361</td>
<td>49,567</td>
</tr>
<tr>
<td>Advance received from donors</td>
<td>1,586</td>
<td>1,155</td>
</tr>
<tr>
<td>Others</td>
<td>27,491</td>
<td>66,826</td>
</tr>
<tr>
<td>Total</td>
<td>168,120</td>
<td>214,397</td>
</tr>
</tbody>
</table>

10. EMPLOYEE BENEFIT OBLIGATIONS

<table>
<thead>
<tr>
<th></th>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>(in thousand Baht)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>At 1 January</td>
<td>25,955</td>
<td>29,613</td>
</tr>
<tr>
<td>Provisions made</td>
<td>270</td>
<td>-</td>
</tr>
<tr>
<td>Provisions used</td>
<td>(1,569)</td>
<td>(2,136)</td>
</tr>
<tr>
<td>Provisions reversed</td>
<td>-</td>
<td>(1,522)</td>
</tr>
<tr>
<td>At 31 December</td>
<td>24,656</td>
<td>25,955</td>
</tr>
<tr>
<td>At 31 December</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>1,649</td>
<td>414</td>
</tr>
<tr>
<td>Non-current</td>
<td>23,007</td>
<td>25,541</td>
</tr>
<tr>
<td>Total</td>
<td>24,656</td>
<td>25,955</td>
</tr>
</tbody>
</table>

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 2013 and 2012 and revenues and expenses for the years then ended were as follows:

<table>
<thead>
<tr>
<th></th>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>(in thousand Baht)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Funds received from donors</td>
<td>263,087</td>
<td>263,781</td>
</tr>
<tr>
<td>Application of funds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Salaries and other benefits</td>
<td>3,359</td>
<td>2,941</td>
</tr>
<tr>
<td>• Scholarships</td>
<td>198,572</td>
<td>198,793</td>
</tr>
<tr>
<td>• Contracted services</td>
<td>48,233</td>
<td>45,382</td>
</tr>
<tr>
<td>• Communication, travel and utility expenses</td>
<td>1,899</td>
<td>2,609</td>
</tr>
<tr>
<td>Total funds applied</td>
<td>252,063</td>
<td>249,725</td>
</tr>
<tr>
<td>Income over expenses for the year</td>
<td>11,024</td>
<td>14,056</td>
</tr>
<tr>
<td>Assets held on behalf of donors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash and deposits at financial institutions</td>
<td>259,043</td>
<td>202,605</td>
</tr>
<tr>
<td>Current investments</td>
<td>909</td>
<td>44,115</td>
</tr>
<tr>
<td>Accounts receivable and other current assets</td>
<td>3,980</td>
<td>3,134</td>
</tr>
<tr>
<td>Total assets held on behalf of donors</td>
<td>263,932</td>
<td>249,854</td>
</tr>
<tr>
<td>Balance at 1 January:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Amounts due to donors</td>
<td>240,787</td>
<td>224,638</td>
</tr>
<tr>
<td>• Amounts due to donors · AITCV</td>
<td>(1,022)</td>
<td>1,272</td>
</tr>
<tr>
<td>Income over expenses for the year</td>
<td>11,024</td>
<td>14,056</td>
</tr>
<tr>
<td>Transfers to other funds</td>
<td>(925)</td>
<td>(201)</td>
</tr>
<tr>
<td>Foreign currency translation</td>
<td>(25)</td>
<td>-</td>
</tr>
<tr>
<td>Balance at 31 December</td>
<td>249,839</td>
<td>239,765</td>
</tr>
<tr>
<td>Liabilities</td>
<td>14,093</td>
<td>10,089</td>
</tr>
<tr>
<td>Total amounts due to donors</td>
<td>263,932</td>
<td>249,854</td>
</tr>
</tbody>
</table>
12. ASSETS HELD ON BEHALF OF, AND AMOUNTS DUE TO, UNEP RRC.AP

<table>
<thead>
<tr>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>(in thousand Baht)</td>
<td></td>
</tr>
<tr>
<td>Funds received from UNEP RRC.AP</td>
<td>44,794</td>
</tr>
<tr>
<td>Total funds applied</td>
<td>(53,442)</td>
</tr>
<tr>
<td>Income under expenses for the year</td>
<td>(8,648)</td>
</tr>
<tr>
<td>Assets held on behalf of UNEP RRC.AP</td>
<td></td>
</tr>
<tr>
<td>Cash and deposits at financial institutions</td>
<td>89,765</td>
</tr>
<tr>
<td>Accounts receivable</td>
<td>2,598</td>
</tr>
<tr>
<td>Property and equipment</td>
<td>790</td>
</tr>
<tr>
<td>Total assets held on behalf of UNEP RRC.AP</td>
<td>93,153</td>
</tr>
<tr>
<td>Amounts due to UNEP RRC.AP</td>
<td></td>
</tr>
<tr>
<td>Balance at 1 January</td>
<td>85,424</td>
</tr>
<tr>
<td>Income under expenses for the year</td>
<td>(8,648)</td>
</tr>
<tr>
<td>Balance at 31 December</td>
<td>76,776</td>
</tr>
<tr>
<td>Liabilities</td>
<td>16,377</td>
</tr>
<tr>
<td>Total amounts due to UNEP RRC.AP</td>
<td>93,153</td>
</tr>
</tbody>
</table>

13. EMPLOYEE BENEFIT EXPENSES

<table>
<thead>
<tr>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>(in thousand Baht)</td>
<td></td>
</tr>
<tr>
<td>Wages and salaries</td>
<td>332,750</td>
</tr>
<tr>
<td>Contribution to provident fund and insured saving fund</td>
<td>14,032</td>
</tr>
<tr>
<td>Personal income tax of employees</td>
<td>2,364</td>
</tr>
<tr>
<td>Social security costs</td>
<td>3,773</td>
</tr>
<tr>
<td>Other costs</td>
<td>3,732</td>
</tr>
<tr>
<td>Total</td>
<td>356,651</td>
</tr>
</tbody>
</table>

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 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), Program Fund (Fund 30), and Capital Fund (Fund 41) were summarised below:

<table>
<thead>
<tr>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>(in thousand Baht)</td>
<td></td>
</tr>
<tr>
<td>Income</td>
<td>144,442</td>
</tr>
<tr>
<td>Expenses</td>
<td>(139,730)</td>
</tr>
<tr>
<td>Income over (under) expenses</td>
<td>4,712</td>
</tr>
</tbody>
</table>

Financial statements for the years ended 31 December 2013 and 2012 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 2013, the scholarship commitment amounted to totaling Baht 77.8 million (2012: 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 2013, 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 0.9 million (2012: Baht 2.9 million). These bank guarantees were collateralised by AIT’s fixed deposits as discussed in note 6.

Others

As at 31 December 2013, the Institute had obtained credit facilities for bank overdraft totaling Baht 5 million (2012: Baht 5 million) which were collateralized by AIT’s fixed deposits as discussed in note 6. Bank overdrafts bore interest at the rate of F/D plus 1.25% per annum (2012: F/D plus 1.25% per annum).

16. CONTINGENT LIABILITIES

Labour case

As at 31 December 2013, there were five labour cases in regards to the breach of employment contract, which were still pending at the Supreme Court. The Institute has set up the provision for two labour cases in the amount of 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 provision is recorded in the accompanying financial statements as at 31 December 2013.

Student case

As at 31 December 2013, there was one student case which was still pending at the Court of Appeal. The management believes that the outcome of this case will be in favour of the Institute and the ultimate outcome cannot be presently and reliably determined or quantified. Thus, no provision is recorded in the accompanying financial statements as at 31 December 2013.
INSTITUTE ADMINISTRATION

PRESIDENT
- Professor Said Irandoust (until 30 June 2013)
- Professor Worsak Kanok-Nukulchai (interim from 1 July 2013)

VICE PRESIDENTS
- Professor Indra M Pandey
  Academic Affairs (until 31 March 2013)
- Professor Sivanappan Kumar
  Academic Affairs (interim from 25 April 2013)
- Professor Kanchana Kanchanasut
  Research (interim from 25 April 2013)
- Professor Worsak Kanok-Nukulchai
  Resource Development (until 30 June 2013)

DEANS
School of Engineering & Technology
- Dr Nitin V Afzulpurkar (until 30 June 2013)
- Dr Nitin K Tripathi (Acting from 1 July 2013)
- Professor Voratas Kachitvichyanukul (interim from 1 October 2013)

School of Environment, Resources & Development
- Dr Weerakorn Ongsakul (until 30 June 2013)
- Professor Chettiappan Visvanathan (from 1 July 2013)

School of Management
- Dr Barbara Igel (until 31 May 2013)
- Dr Donyaprueth Krairit (interim from 1 June 2013)

DIRECTORS
- Dr Amrit Bart
  AIT Center 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 (until 30 June 2013)
- Professor Ajit P. Annachhatre
  AIT-United Nations Office at AIT
- Ms Leena Wokeck
  CSR (Corporate Social Responsibility) Asia Center at AIT
- Professor Gabor Louis Hornyak
  Center for Learning Innovation & Quality (until 30 June 2013)
- Dr Mukand Singh Babel
  Institute-wide Research Center for Sustainable Development in the Context of Climate Change (SDCC)
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 Information and Communications Group, School of Engineering & Technology.

EMERITUS PROFESSORS

Balasubramaniam, A.S.
B.Sc., Ceylon Univ., Sri Lanka; Ph.D., Cambridge Univ., U.K.

Edward, Peter
B.Sc., Liverpool Univ., U.K.; Ph.D., Univ. of Texas, U.S.A.

Karasudhi, Pisidhi
B.Eng., Chulalongkorn Univ.; M.Eng., Chulalongkorn-SEATO Graduate School of Engineering, Thailand; Ph.D., Northwestern Univ., U.S.A.

Gupta, Ashim Das
B.Eng., Assam Engineering College, India; M.Eng.; D.Eng., AIT, Thailand

Tabucanon, Mario T.
B.S.E.E., B.S.M.E., Cebu Inst. of Tech., Philippines; M.Eng., D.Eng., AIT, Thailand

Shrestha, Ram M.
B.E., Univ of Baroda; B.L.L., Tribhuvan Univ., Nepal; M.Eng., D.Eng., AIT, Thailand

FULL-TIME FACULTY

Afzulpurkar, Nitin V.
B.Eng., Univ. of Poona, India; Ph.D., Univ. of Canterbury, New Zealand

Associate Professor, Industrial Systems Engineering Group and Dean, School of Engineering and Technology

Ahmad, Mokbul Morshed
B.Sc., M.Sc., Dhaka Univ., Bangladesh; M.Sc., AIT, Thailand; Ph.D., Univ. of Durham, U.K.

Associate Professor and Coordinator, Regional & Rural Development Planning Field of Study, School of Environment, Resources and Development

Ahmed, Kazi Mohiuddin
M.Sc., Inst. of Communications, Leningrad, USSR; Ph.D., Univ. of Newcastle, Australia

Professor, Information and Communications Technologies Group, School of Engineering & Technology

Anal, Anil Kumar
Doctor of Veterinary Medicine, Univ. of Agriculture, Pakistan; M.Sc, Ph.D, AIT, Thailand

Assistant Professor, Food Engineering & Bioprocess Technology Field of Study, and Food, Agriculture and Bio Systems Cluster Coordinator, School of Environment, Resources & Development

Annachhatre, Ajit P.
B.Tech., Ph.D., Indian Inst. of Tech., Kanpur, India

Professor and Coordinator, Environmental Engineering & Management Field of Study, School of Environment, Resources & Development

Babel, Mukand S
B.Eng., Rajasthan Agr. Univ., India; M.Eng., D.Eng., AIT, Thailand

Professor, Civil and Infrastructure Engineering Group, School of Engineering & Technology and Director, Center of Excellence on Sustainable Development in the context of Climate Change

Badi, Youssef F.
B.Sc., Univ. of Garyounis, Libya; M.Sc., Univ. of Putra Malaysia, Malaysia; M.Sc., Swiss Federal Inst. of Tech., Switzerland

Assistant Professor and PhD Program Coordinator, School of Management

Bohez, Erik L. J.
B.Eng., High Tech. Inst. St. Antonius, Ghent, Belgium; M.Eng., State Univ. of Ghent, Belgium

Associate Professor, Industrial Systems Engineering Group, School of Engineering & Technology

Charoengnag, Chotchai
B.Eng., King Mongkut’s Inst. of Tech., Thonburi, Thailand; M.S., Univ. of Kansas; Ph.D., Univ. of Texas, U.S.A.

Associate Professor, Civil and Infrastructure Engineering Group, School of Engineering & Technology

Chiu, Gregory L.F.
B.S.C.E., University of Washington, Washington, USA; M.Sc., Columbia University, New York, U.S.A.; Ph.D., Stanford University, California, U.S.A.

Professor of Practice, Interdisciplinary Program, School of Engineering & Technology
Chongleratham, Supasith
B.Eng., Chulalongkorn Univ., Thailand; MBA Finance, Tulane University, U.S.A.; Ph.D., University of Hawaii, Manoa, U.S.A.
Instructor, School of Management

Dabbadie, Lionel
M.Sc., Montpellier SupAgro, France; Ph.D University Pierre and Marie Curie, France
Visiting Assistant Professor, Aquaculture & Aquatic Resources Management Field of Study, School of Environment, Resources & Development

Dailey, Matthew M.
B.S., M.S., North Carolina State Univ.,U.S.A.; Ph.D., Univ. of California, U.S.A.
Associate Professor, Information and Communications Technologies Group and Coordinator, Undergraduate Program, School of Engineering & Technology

Datta, Avishek
B.Sc., M.Sc., Bidhan Chandra Krishi Viswavidyalaya,Ph.D., University of Nebraska-Lincoln, U.S.A.
Assistant Professor, Agricultural Systems Engineering Field of Study, School of Environment, Resources & Development

Dhakal, Shobhakar
B.Eng.,National Institute of Technology Surat, India;M.Eng.,Asian Institute of Technology, Thailand; Ph.D., The University of Tokyo, Japan
Associate Professor, Energy Field of Study, School of Environment, Resources & Development

Doneys, Philippe
B.A., Univ. of Toronto, Canada; M.A., Univ. of London, England; Ph.D., Institut d’ Études Politiques de Paris, France
Assistant Professor and Coordinator, Gender & Development Studies Field of Study, School of Environment, Resources & Development

Duboz, Raphael
M.A., University of Marseille, France; M.A., University of Paris 6, France; Ph.D., University of Littoral Cote d’Opale, France
Visiting Assistant Professor, Information and Communications Technologies Group, School of Engineering & Technology

Dung, Phan Minh
M.Sc., Ph.D., Univ. of Tech., Dresden, Germany
Professor, Information and Communications Group, School of Engineering & Technology

Ekpanyapong, Mongkol
B.Eng.,Chulalongkorn University ,Thailand; M.Eng., AIT, Thailand; M.Sc, Ph.D, Georgia Institute of Technology, U.S.A.
Assistant Professor, Industrial Systems Engineering Group, School of Engineering & Technology

Esichaikul, Vatcharaporn
B.Acc., Chulalongkorn Univ., Thailand; M.B.A., Oklahoma State Univ.,U.S.A.; Ph.D., Kent State Univ., U.S.A.
Associate Professor, Information and Communications Technologies Group, School of Engineering & Technology

Ferguson, David
MBA; MRes.; Ph.D., Cranfield School of Management, England, UK.
Assistant Professor, School of Management

Gallardo, Wenresti G.
B.S., M.S., Univ. of Philippines; M.S., Ph.D., Nagasaki Univ., Japan
Associate Professor, Aquaculture & Aquatic Resources Management Field of Study and Thematic Team Leader, Food Security & Sustainable Livelihood, School of Environment, Resources & Development

Giao, Pham Huy
Dipl. Ing. (MSc), Bucharest University, Romania; M.Eng. and D.Eng., Asian Institute of Technology, Thailand
Associate Professor, Civil and Infrastructure Engineering Group, School of Engineering & Technology

Grubuhel, Clemens
M.A.,Ph.D, University of Vienna, Austria
Assistant Professor, Natural Resources Management Field of Study, School of Environment, Resources & Development

Guha, Sumanta
B.Sc., M.Sc., Univ. of Calcutta, India; Ph.D., Indian Statistical Inst., India; M.S., Ph.D., Univ. of Michigan, U.S.A.
Professor, Information and Communications Technologies Group, School of Engineering & Technology

Hadikusumo,Bonaventura H.W.
B.Eng., Univ. of Diponegoro, Indonesia; M.Eng., AIT; Ph.D., Univ. of Hong Kong
Associate Professor, Civil and Infrastructure Engineering Group, School of Engineering & Technology

Honda, Kiyoshi
B.Agr., D.Eng., Tokyo Univ., Japan
Visiting Professor, Information and Communications Technologies Group, School of Engineering & Technology

Igel, Barbara
B.A., M.A., Technical Univ., Berlin; Ph.D., Freie Univ., Berlin, Germany
Associate Professor and Dean, School of Management

Irondoust, Said
M.Sc., Ph.D., Chalmers Univ. of Tech., Sweden
Professor and President, Environmental Engineering & Management; Energy; and Pulp & Paper Technology Fields of Study, School of Environment, Resources & Development

Islam, Nazrul
B.Sc.Eng., BUET, Bangladesh; M.Eng., D.Eng., AIT, Thailand
Visiting Professor and Academic Coordinator, School of Management

Jongwanich, Juthathip
B.A., M.A., Thammasat Univ., Thailand; Ph.D., The Australian National University, Australia
Assistant Professor and MBA Program Coordinator, School of Management

Jourdain, Damien
B.Eng., M.Sc., Ecole Nationale Superieure Agronomique de Montpellier; Ph.D., Montpellier I University, France
Visiting Assistant Professor, Joint appointment with the School of Engineering & Technology and School of Environment, Resources & Development

Kachitvichyanukul, Voratas
B.S., Nat’l. Taiwan Univ.; M.Eng., AIT, Thailand; Ph.D., Purdue Univ., Indiana, U.S.A.
Professor, Industrial Systems Engineering Group and Interim Dean, School of Engineering & Technology

Kanitpong, Krunawee
B.S., Chulalongkorn Univ., Thailand; M.S., Univ. of Maryland at College Park, U.S.A.; Ph.D., Univ. of Wisconsin-Madison, U.S.A.
Associate Professor, Civil and Infrastructure Engineering Group, School of Engineering & Technology
Kawasaki, Akiyuki  
B.S., Ph.D., Yokohama National University, Japan  
Visiting Associate Professor, Civil and Infrastructure Engineering Group, School of Engineering & Technology

Koomspa, Pisut  
B.Eng., Thammasat Univ., Thailand; M.Sc., Univ. of Louisville, U.S.A.; Ph.D., Pennsylvania State Univ., U.S.A.  
Associate Professor, Industrial Systems Engineering Group, School of Engineering & Technology

Kootatep, Thammarat  
B.Eng., Chiangmai Univ.; M.Eng., D.Eng., AIT, Thailand  
Associate Professor, Environmental Engineering & Management Field of Study, School of Environment, Resources & Development

Krairit, Donypaureth  
B.S., Thammasat Univ., Thailand; M.S., Univ. of Colorado at Boulder, U.S.A.; Ph.D., Massachusetts Inst. of Tech., Cambridge, U.S.A.  
Associate Professor and Interim Dean, School of Management

Kumar, Sivanappan  
B.E., Univ. of Madras, India; M.Eng., AIT, Thailand; Ph.D., Inst. Nat'l. Polytechnique, Toulouse, France  
Professor, Energy Field of Study, School of Environment, Resources & Development and Interim Vice President for Academic Affairs

Kusakabe, Kyoko  
B.A., Sophia Univ., Tokyo, Japan; M.Sc., Ph.D., AIT, Thailand  
Associate Professor, Gender & Development Studies Field of Study, School of Environment, Resources & Development

Lin, Than  
B.Eng., Yangon Institute of Technology, Myanmar; M.Eng., AIT, Thailand; Ph.D., Konkuk University, South Korea  
Assistant Professor, Industrial Systems Engineering Group, School of Engineering & Technology

Luong, Huynh Trung  
B.Eng., Ho Chi Minh City Univ. of Tech., Vietnam; M.Eng., D.Eng., AIT, Thailand  
Associate Professor and Thematic Team Leader, Industrial Systems Engineering Group, School of Engineering & Technology

Marpaung, Charles O.R.  
B.Eng., Bandung Institute of Technology, Indonesia; M.Sc., Bogor Agricultural University, Indonesia; Ph.D., AIT, Thailand  
Visiting Faculty, Energy Field of Study, School of Environment, Resources & Development

Mohanty, Brahmanand  
B.Sc., S.A.I.C.E., India; M.Sc., AIT, Thailand; Ph.D., Institut National Polytechnique of Toulouse, France  
Visiting Faculty, Energy Field of Study, School of Environment, Resources & Development

Nagai, Masahiko  
B.Sc., St. Cloud State University, U.S.A.; M.Sc., Asian Institute of Technology, Thailand; Ph.D., The University of Tokyo, Japan  
Visiting Faculty, Information and Communications Technologies Group and Associate Director, Geoinformatics Center, School of Engineering & Technology

Nazhad, Mousa M.  
B.Sc., Univ. of Tehran, Iran; M.Sc., Univ. of Concordia Montreal; Ph.D., Univ. of British Columbia, Vancouver, Canada  
Associate Professor, Pulp & Paper Technology Field of Study, School of Environment, Resources & Development

Ninsawat, Sarawut  
B.Sc., Silpakorn Univ., Thailand; M.Sc., AIT, Thailand; Ph.D., Osaka City Univ., Japan  
Instructor, Information and Communications Group, School of Engineering & Technology

Nitinavananon, Vilas  
B.Eng., Chulalongkorn Univ.; M.A., Thammasat Univ.; M.Eng., AIT, Thailand; Ph.D., Univ. of Pittsburgh, U.S.A.  
Associate Professor, Urban Environment Management Field of Study, School of Environment, Resources & Development

Oanh, Nguyen Thi Kim  
Dip. Eng., Odessa Hydrometeorology Inst., Ukraine; M.Eng., D.Eng., AIT, Thailand  
Professor, Environmental Engineering & Management Field of Study, School of Environment, Resources & Development

Parichkun, Manukid  
B.Eng., Chulalongkorn Univ., Thailand; M.Eng., Ph.D., Univ. of Tokyo, Japan  
Associate Professor, Industrial Systems Engineering Group, School of Engineering & Technology

Perret, Sylvain Roger  
M.S., Univ. of Montpellier III, France; D.Sc, Ecole Polytechnique de Lorraine, Nancy, France; Ph.D., University of Montpellier III, France  
Visiting Associate Professor, Joint appointment with the School of Engineering & Technology, and School of Environment, Resources & Development

Phien-je, Noppadol  
B.Eng., Chulalongkorn Univ., Thailand; M.S., Ph.D., Illinois at Urbana-Champaign, U.S.A.  
Associate Professor, Civil and Infrastructure Engineering Group, School of Engineering & Technology

Pongquan, Soparth  
B.Sc., Chiang Mai Univ.; M.Sc., AIT, Thailand; D.Sc., Univ. of Wageningen, The Netherlands  
Associate Professor, Regional & Rural Development Planning Field of Study, School of Environment, Resources & Development

Routray, Jayant K.  
B.Sc., Ravenshaw College; M.Sc., Ph.D., Utkal Univ.; M.R.P., Indian Inst. of Tech., Kharagpur, India  
Professor, Regional & Rural Development Planning Field of Study and Coordinator, Disaster Preparedness, Mitigation and Management Program, School of Environment, Resources & Development
Appendices

Saengudomlert, Poompat
B.S.E., Princeton Univ.; M.S., Ph.D., Massachusetts Inst. of Tech., U.S.A.
Associate Professor, Information and Communications Technologies Group, School of Engineering & Technology

Salam, P Abdul
BSc. Eng.(Hons),Univ. of Peradeniya, Sri Lanka; M.Eng.,D.Eng., AIT, Thailand
Assistant Professor, Energy Field of Study and Thematic Team Leader, Green Growth, School of Environment, Resources & Development

Sanguankotchakorn, Teerapat
B. Eng., Chulalongkorn Univ., Thailand; M.Eng., D.Eng., Tokyo Institute of Technology, Japan
Associate Professor, Information and Communications Technologies Group, School of Engineering & Technology

Santoso, Djoen San
B.Eng., Parahyangan Catholic Univ., Indonesia; M.Eng., AIT, Thailand; Ph.D., Saitama Univ., Japan
Assistant Professor, Civil and Infrastructure Engineering Group, School of Engineering & Technology

Shipin, Oleg V.
M.Sc., Univ. of Saratov; D.Sc., Inst. of Biochemistry and Physiology, Russia
Associate Professor, Environmental Engineering & Management Field of Study, School of Environment, Resources & Development

Srivastava, Ganesh P.
B.S., M.S., Udaipur Univ., India; Ph.D., Michigan State Univ., U.S.A.
Professor, Agricultural Systems & Engineering and Natural Resources Management Fields of Study. School of Environment, Resources & Development

Shrestha, Rajendra Prasad
B.Sc., Haryana Agricultural Univ., India; M.Sc., D.Tech.Sc., AIT, Thailand
Associate Professor and Coordinator, Natural Resources Management Field of Study, School of Environment, Resources & Development

Shrestha, Sangam
M.Sc., Tribhuvan University, Nepal; M.Sc., AIT, Thailand; Ph.D., Univ. of Yamanashi, Japan
Assistant Professor, Civil and Infrastructure Engineering Group and Associate Dean, School of Engineering & Technology

Singh, Jai Govind
B.Eng., Motilal Nehru National Institute of Technology, India; M.Tech.; Ph.D., Indian Institute of Technology, India
Assistant Professor and Coordinator, Energy Field of Study, School of Environment, Resources & Development

Sonai, Peeyush
B.Eng., College of Technology & Engineering, India; M.Eng., Ph.D., Asian Institute of Technology, Thailand
Assistant Professor, Agricultural Systems and Engineering Field of Study, School of Environment, Resources & Development

Sukhotu, Vatcharapol
B.Eng., Kasetsart University, Thailand; M.Eng., University of Houston, Texas, U.S.A., Ph.D., Texas A&M University, College Station, Texas, U.S.A.
Assistant Professor, School of Management

Thammarak, Punchet
B.Eng., Chulalongkorn University, Thailand; Ph.D, The University of Texas, Austin, U.S.A.
Lecturer, Civil and Infrastructure Engineering Group, School of Engineering & Technology

Tripathi, Nitin Kumar
B.Tech., Regional Eng. College, India; M.Tech., IIT; Ph.D., IIT, Kanpur, India
Associate Professor and Thematic Team Leader, Information and Communications Technologies Group, School of Engineering & Technology

Visvanathan, Chettiyappan
B.Tech., IIT, Madras, India; M.Eng., AIT, Thailand; D.Eng., Inst. Nat’l. Polytech., Toulouse, France
Professor, Environmental Engineering & Management Field of Study and Interim Dean, School of Environment, Resources & Development

Warnitchai, Pennung
B.Eng., Chulalongkorn Univ., Thailand; M.Eng., Ph.D., Tokyo Univ., Japan
Associate Professor and Thematic Team Leader, Civil and Infrastructure Engineering Group and Coordinator, Disaster Preparedness, Mitigation and Management Program, School of Engineering & Technology
SCHOOL OF ENGINEERING & TECHNOLOGY

Center of Excellence in Nanotechnology

Bora, Tanujjal
Research Associate
Chaudhari, Mayur Babanrao
Research Associate
Fallah, Hoorieh
Research Associate
Jaisai, Mayuree
Research Assistant
Kyaw, Htet Htet
Research Associate
Putthang, Rinnapa
Research Assistant

Civil & Infrastructure Engineering Group

Baral, Pankaj
Research Assistant
Baral, Santosh
Research Associate
Bonquin, Romann Roy A.
Research Assistant
Chaiyaput, Salisa
Research Assistant
Dabsomsri, Pathumporn
Research Assistant
Deb, Proloy
Research Associate
Htwe, Wah Wah
Research Assistant
Jensupakarn, Auearree
Research Associate
Jensupakarn, Sriwarang
Research Assistant

Geoinformatics Center

Bormudol, Arnob
Research Associate
Deshapriya, Nawarathnuge Lakmal
Project Researcher
Gunasekera, Kavinda
Senior Research Associate
Limlahapun, Ponthip
Senior Research Associate
Nashrullah, Syams
Research Associate
Oo, Kyaw San
Visiting Researcher
Pathumchai, Kulapromote
Research Associate
Phoomee, Weera
Labourer
Pungsri, Suwan
Labourer
Soonthonmatee, Narong
General Helper
Thongwan, Wuithipong
Labourer
Wongcharoenstit, Urai
Administrative Officer
Yodruk, Arhit
Labourer

Industrial Systems Engineering Group

Devkota, Bidur
Research Associate
Kasi, Ajab Khan
Research Specialist
Kasi, Jafar Khan
Research Specialist
Manh, Hoang Hung
Research Specialist

Information & Communications Technologies Group

Bundon, Nannaphat
Research Assistant
Chaitamart, Jittin
Research Associate
Ebinuma, Takiji
Visiting Senior Researcher
Keatmanee, Chadaporn
Research Assistant
Kumara, M.P. Hiranya Nuwan
Research Associate

Support Staff

Dante, Mildred Dagandan
Program Assistant
Hammeng, Siriporn
Secretary
Huabsungnern, Chamnien
Senior Technician
Pantrakool, Ussanee
Labourer
Phoomee, Weera
Labourer
Pungsri, Suwan
Labourer
Soomonthonmatee, Narong
General Helper
Thongwan, Wuithipong
Labourer
Wongcharoenstit, Urai
Administrative Officer
Yodruk, Arhit
Labourer

Shinde, Victor Rana
Senior Specialist
Shrestha, Sujan
Research Engineer
Sinlapasuwanchai, Watchara
Research Associate
Sornkaew, Yanee
Research Associate
Subanpong, Napong
Research Associate
Supprasert, Sumet
Research Associate
Tam, Bui Than
Senior Research Associate
Thamasitsittirong, Supot
Senior Research Associate
Weesakul, Sutat
Director of Research Projects
Wetwito, Jetpan
Research Associate
Wiwatrojanagul, Pongsak
Research Associate
Yadam, Shweta
Research Associate

Phonkeo, Vivarad
Senior Research Associate
Wickramasinghe, Chatura H.
Project Researcher
Wijesingha, Jayan S.J.
Project Researcher

Regional Network Office for Urban Safety

Kodaka, Akira
Research Assistant
Nguyet, Dang Anh
Research Assistant
Suwannasuk, Aphisons
Research Assistant
Interdisciplinary Program:
Offshore Technology Management

Kunjali, Karthik Lakshman
Research Associate

Naveed, Shayan
Research Associate

Traipattanakul, Bhawat
Research Assistant

SCHOOL OF ENVIRONMENT, RESOURCES & DEVELOPMENT

Agricultural Systems & Engineering

Huang, Luying
Research Associate

Patil, Suhas
Research Assistant

Aquaculture & Aquatic Resources Management

Bhujel, Ram Chandra
Sr. Research Scientist/Internship Coordinator

Support Staff

Energy

Anjanappa, Janardhana
Research Associate

Dathong, Jirapa
Research Associate

Deosthal, Vaidehi A.
Research Associate

Dong, Nguyen Phan
Research Associate

Dulyakasem, Supusanee
Research Associate

Hang, Nguyen Than
Research Associate

Jacob, Paul
Research Associate

Kashyap, Prakriti
Research Associate

Khajornfung, Waraphorn
Research Assistant

Kingkaew, Som poke
Research Associate

Kwon, Kim Won
Research Associate

Mekwichai, Pannawee
Research Associate

Panuvatvanich, Atitaya
Research Specialist

Phuakmool, Ilada
Research Assistant

Phuangnui, Jirarat
Research Assistant

Phungsai, Phan watt
Research Associate

Piromsri, Supaporn
Research Assistant

Pompanwong, Airada
Research Assistant

Pradhan, Munu
Research Associate

Rathnayake, T.D.W.
Research Assistant

Saentip, Chaloemchai
Research Assistant

Sangmuang, Sanirat
Research Associate

Singhohon, Tippawan
Research Assistant

Siripong, Chuthathip
Research Associate

Surinkul, Nawatch
Research Specialist

Syne, Nan Kham
Research Associate

Tajai, Nutrich
Research Assistant

Tassanasuwan, Witchuda
Research Assistant

Wongkiew, Sumeth
Research Associate

Xu, Qiushi
Research Associate

Food Engineering & Bioprocess Technology

Ahmad, Imran
Research Laboratory Supervisor

Khatiwada, Medha
Research Associate

Kumaree, Kishore Krishna
Research Associate

Parajuli, Kshitij
Research Associate

Tuladhar, Alisha
Research Associate

Widjaya, Christine
Project Officer

Gender & Development Studies

Doane, Donna L.
Senior Researcher

Hossain, Julaikha Bente
Senior Research Specialist

Nagarajan, Veena
Research Associate

Shankar, Jagriti
Project Officer

Support Staff

Damaso, Jhozine Pachica
Program Officer
Ongsakul, Rutmanee  
Program Coordinator

Natural Resources Management

Chaweewan, Nuanwan  
Research Associate
Htway, Soe Soe  
Research Associate

Urban Environmental Management

Gabinete, Claudio Caesaz  
Research Associate
Rattanapan, Amornrat  
Research Associate

SCHOOL OF MANAGEMENT

Support Staff

Chit, Saw Reagan  
Assistant Administrative Officer
Nop, Sinath  
Program Assistant
Pholwan, Chatupol  
Assistant Program Officer
Rattanapanop, Atirose  
Program Officer
Tavieng, Kanistha  
Clerk
Tuladhar, Lalika  
Program Officer

AIT CONSULTING

Acharya, Kiran  
Project Engineer
Ahmed, Mohiul Islam  
Project Engineer
Amaty, Sudiksha  
Architect
Angkhananuchat, Pitiruedee  
Graphic Designer
Aye, Tin Tin  
IT Officer
Badur, Ahmad Muneeb  
Senior Project Engineer
Bora, Tanujjal  
Research Associate
Cabahug, Neriza  
Research Assistant
Charisma, Welly Eka  
Civil Engineer
Danwangkhaw, Thawatchai  
Project Engineer
Escobin, Kim  
Quality Assurance Manager
Goteti, Naga Srujana  
Research Associate
Izhar, Muhammad Amir  
Software Development Support Officer
Jabade, Siddhart  
Director, Innovation & IPR
Kampipop, Maneerat  
Senior Draftsperson
Karlen, Wanassanun  
Project Engineer
Khancharee, Khattiyane  
Senior Graphic Designer
Lu, Jasan  
Project Engineer
Manuel, Jonathan Flores  
Software Development Manager
Norachan, Pramnin  
Senior Project Engineer
Paglinan, Jennifer  
Project Development Officer
Pokhrel, Maneeep  
Project Engineer
Rice, Timothy Carl, Jr.  
Software Development Officer
Roy, Pragna Nando  
Project Engineer
Shakya, Anil Ratna  
Software Testing Officer
Shipina, Olga Olegovna  
Project Development Officer
Shruti  
Technical Analyst
Sijipati, Pabita  
Project Engineer
Sukenaliev, Samat  
Project Development Engineer
Gambit, Shalib Ali  
Project Engineer
Wongpiyaboworn, Supamon  
Project Engineer
Zain, Muhammad  
Project Engineer

Support Staff

Salman, Samia  
Program Officer
Samoylova, Tatyana  
Finance Officer

Internet Education & Research Laboratory (intERLab)

Boonsiripant, Saroch  
Adjunct Researcher
Bundot, Nannaphat  
Research Assistant
Devkota, Bidur  
Research Associate
Guirneta, Anthony E.  
IS Officer
Gurung, Sarita  
Research Associate
Kanchanasut, Kanchana  
Director
Khatiwada, Dibya  
Network Engineer
Mekbungwan, Preech  
Research Associate
Muttitanon, Wutjanun  
Adjunct Researcher
Padilla, Rey J.  
Supervisor
Samadi, Virapan  
Training Manager
Srivastava, Pujan  
JAVA Programmer
Sursattayawong, Supalak  
IS Officer
Tansakul, Nisarat  
VB Programmer
Timtong, Vasan  
Research Assistant
Tunpan, Apinun  
Senior Research Specialist

Corporate Social Responsibility (CSR) Asia Center at AIT

Daniel, Clelia  
Program Coordinator

ADMINISTRATION

Asian Project Management Support Programme

Bahadur, Digpal  
Senior Program Officer
Nugroho, Agus  
Coordinator
Shankar, Jagriti  
Senior Program Officer

Centre of Excellence for Sustainable Development in the context of Climate Change

Sangha, Amandeep Singh  
Senior Program Officer
Yusuf, Muhammad Abu  
Project Director

Wetlands Alliance Program

Ebbers, Theo Wilhelm  
WA Interim & AOP Coordinator
Larsson, Christoffer Per Arne  
Program Specialist
Venkatappa, Manjunatha  
Research Specialist

Support Staff

Gonzales, Nanette P.  
Administrative Officer
Montalbo, Marites P.  
Senior Administrative Officer
ADDITIONAL SUPPORT STAFF

SCHOOL OF ENGINEERING & TECHNOLOGY
Dean’s Office
Amatya, Sanjeet
Program Officer
Canullas, Amalia S.
Senior Administrative Officer
Chatertbo, Supon
Equipment Operator
Fulgham, Robert
Senior Graphic Designer
Han, Khine Maw
Administrative Assistant
Rajbandari, Tripti
Program Officer
Tilapornputt, Suwannee
Senior Administrative Officer
Asian Center for Engineering Computations and Software
Nateesuwan, Nattakan
Administrative Officer
Tunthasuwatana, Kerati
Senior Manager
Wongthong, Petcharat
Secretary
Center of Excellence in Nanotechnology
Gonzales, Argie D.
Assistant Administrative Officer
Civil & Infrastructure Engineering Group
Artidteang, Suthasinee
Manager
Aukthanchring, Chirawat
Labourer
Chaimongkol, Chanidaporn
Secretary
Chaiyanont, Chanya
Administrative Secretary
Chamlonglang, Opas
Technician
Chaiyanont, Chanya
Administrative Secretary
Chamlonglang, Opas
Technician
Changjit, Rungroj
Laboratory Attendant
Chumchat, Wananuch
Administrative Secretary
Harnsuksa, Nisarat
Administrative Secretary
Intaratood, Boonjira
Secretary
Jantongsuks, Surin
Laboratory Attendant
Kongsri, Rudeeewan
Accounts Clerk
Nuengjanpat, Somchai
Clerk
Panichkul, Paradee
Clerk
Panichkul, Winya
Drill Rig Operator
Pimsak, Kamron
Technician II
Pinlam, Lersak
Technician
Poorat, Apirak
Technician
Puntrakul, Chatchawan
General Helper
Rasamee, Porntip
Accounts Clerk
Rasamee, Pratuang
Field Attendant
Roa, Arturo G.
Senior Laboratory Supervisor
Rojjanapatikaphan, Supamas
Administrative Secretary
Ruji-art, Jaroon
Labourer
Soonthornmatee, Narong
General Helper
Sornsidra, Samwai
Laboratory Attendant
Suaysin, Prayoon
Laboratory Attendant
Tanil, Nikom
Laboratory Attendant
Trakanpasakul, Pajee
Senior Administrative Officer
Tueaktien, Vinai
Technician
Waigaesee, Chamlong
Laboratory Attendant
Yaekajorn, Pitak
Assistant Technician
Geoinformatics Center
Dash, Pradeep Kumar
Program Specialist
De Silva, Ramesh
IT Officer
Hazarika, Manzul K.
Senior Program Specialist
Manawakul, Suwannee
Assistant Administrative Officer
Naikasets, Sudchai
Senior Administrative Officer
Habitech Center
Jangjir, Chalard
Assistant Technician/Painter
Jangjir, Preecha
Technician
Sthapit, Gyanendra R.
Interim Director
Industrial Systems Engineering Group
Adhikary, Drhuba
Laboratory Supervisor
Luyen, Tran Thi
Senior Technician
Pugsawade, Pornpun
Administrative Officer
Rodtong, Parichart
Administrative Officer
Silwal, Abhisesh
Laboratory Supervisor
Sudsawang, Chauxwaret
Secretary
Taapanich, Somchai
IT Office
Information & Communications Technologies Group
Dehury, Rajesh Kumar
Laboratory Supervisor
Kanitritikrai, Pornwipa
Senior Administrative Officer
Maung, Myo San
Laboratory Supervisor
Nanthasing, Siriporn
Administrative Secretary
Noonkho, Jaruk
Senior Technician
Rao, Premma
Secretary
Samarakoon, Lal
Visiting Scientist
Thanwongpan, Sireekant
Secretary
Interdisciplinary Program: Information & Communications Technologies
Buddhacharya, Sarbagya
Laboratory Supervisor
Kridsadavisakesak, Chutikarn
Administrative Officer
Interdisciplinary Program: Offshore Technology Management
Sangthongstitt, Nualchan
Senior Administrative Officer
Trakonlukhsana, Waraluk
Administrative Secretary
Undergraduate Program
Aye, Tin Nwe
Laboratory Supervisor
Cesar, Roldolo L., Jr.
Technician
De Vera, Arnulfo
Assistant Administrative Officer
Herath, Ravinath T.B.
Senior Administrative Officer
Kaeopinhtong, Nakorn
Laboratory Supervisor
Maneerat, Saowaluk  
Secretary
Momongan, Yvonne C.  
Civil Laboratory Supervisor
Perez, Kristine Mendoza  
Assistant Administrative Officer
Phukan, Pankaj Kumar  
Administrative Officer
Puno, Ruel Fancisco D.  
Laboratory Supervisor

SCHOOL OF ENVIRONMENT, RESOURCES & DEVELOPMENT

Dean’s Office
Baidya, Tejeshwor Raj  
Program Officer
Khamtha, Thanakorn  
Senior Technician
Pholampai, Ratanasak  
Technician
Sa-adpan, Wantana  
Administrative Officer
Shrestha, Alistina  
Program Officer
Thapa, Sarina Pradhan  
Program Officer

Agricultural Systems & Engineering
Bharambe, Khagendra Pralhad  
Laboratory Supervisor
Intoop, Karn  
Equipment Operator
Meskuntavon, Wattanaporn  
Senior Laboratory Supervisor
Plangpanya, Vanchai  
Senior Technician
Posri, Suchart  
Field Assistant
Tanachit, Prasit  
Laboratory Attendant
Thuntarucks, Choengchay  
Senior Technician
Udomvatchararasamee, Manyuda  
Secretary

Aquaculture & Aquatic Resources Management
Baothong, Thanomjitr  
Assistant Field Manager
Kamwat, Samai  
Field Worker
Kamwat, Sorasak  
Field Worker
Kamwat, Surin  
Labourer
Penglee, Boorieng  
Labourer
Penglee, Ruen  
Labourer
Phothong, Uthid  
Labourer
Photimat, Sirintip  
Laboratory/Field Supervisor
Pothong, Noppadol  
Labourer
Pothong, Ood  
Labourer
Pothong, Sangwan  
Labourer
Sukasem, Supattra  
Administrative Officer
Sukhanenya, Lucia Vonny  
Sr. Program Associate/Fish Production Manager

Energy
Chantinmathorn, Watcharathorn  
Program Assistant
Chantrapunth, Pichai  
Senior Technician
Hien, Vu Duc  
Senior Laboratory Supervisor
Nhooma, Sukanya  
Secretary II
Pasuravong, Cha-on  
Secretary
Sriviset, Ruangsilp  
Senior Technician
Supoh, Peerapol  
Technician
Treesap, Supornthip  
Administrative Secretary

Environmental Engineering & Management
Boonyanun, Panupong  
Senior Technician
Imsapsangworn, Chaiyaporn  
Senior Technician
Klubbarnkoh, Orathai  
Senior Technician
Leenasen, Chanya  
Secretary
Phunri, Salaya  
Senior Laboratory Supervisor
Piempinsest, Suchitra  
Senior Administrative Officer

Food Engineering & Bioprocess Technology
Mungpayabarn, Songkla  
Senior Technician
Sa-id, Tasana  
Senior Administrative Officer
Sawartsuk, Warawut  
Senior Technician

Gender & Development Studies
Pardilla, Agnes Tayson  
Program Officer

Natural Resources Management
Kachasuanmannee, Yupa  
Senior Administrative Officer

PULP & PAPER TECHNOLOGY
Junteing, Suchart  
Senior Technician
Krong-atek, Ekkankun  
Senior Technician
Malaiithong, Kanong  
Senior Technician
Nakdee, Katesaraporn  
Secretary

Regional & Rural Development Planning
Asakati, Nikorn  
Senior Technician
Nil-ubol, Vitoon  
Field Laboratory Supervisor
Preedeew, Sumalee  
Administrative Secretary

Urban Environmental Management
Luckanapitak, Jitra  
Senior Administrative Officer

SET-SERD
Disaster Preparedness, Mitigation and Management
Thapa, Vineeta  
Senior Program Officer
Widjaya, Christine  
Program Officer

SCHOOL OF MANAGEMENT
Cherngchawano, Wilaiporn  
Senior Program Officer
Gurung, Binita  
Program Assistant
Inta, Thanaporn  
Clerk
Islam, Md. Zia  
Senior Academic Officer
Katinted, Chomchaba  
Administrative Secretary
Nimdang, Usanee  
Assistant Program Officer
Oo, Than Htut  
IT Officer
Pomtri, Sirirug  
Administrative Secretary
Posri, Jiraporn  
Secretary
Sujaritjan, Suwat  
Senior Clerk

AIT EXTENSION
Alcantara, Marilyn Mollanida  
Administrative Officer
Alcoba, Rowena Clemino  
Program Officer
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ailh, Faisal Mamicpic</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Amin, Mahbooba</td>
<td>Senior Program Officer</td>
</tr>
<tr>
<td>Boonrit, Prinya</td>
<td>Technician</td>
</tr>
<tr>
<td>Brahmanage, Upul J. Kaluhetti</td>
<td>Senior Program Officer</td>
</tr>
<tr>
<td>Chaiyapan, Pattama</td>
<td>Assistant IT Officer</td>
</tr>
<tr>
<td>Chanlapa, Tharakorn</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Chonlasin, Voravate</td>
<td>Senior Program Specialist</td>
</tr>
<tr>
<td>Ete, Sufian</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Hassan, Faiz Shah</td>
<td>Senior Program Specialist</td>
</tr>
<tr>
<td>Hossain, Farah Nashid</td>
<td>Assistant Program Officer</td>
</tr>
<tr>
<td>Hossain, Md. Zakir</td>
<td>Senior Program Specialist</td>
</tr>
<tr>
<td>Huong, Le thi Thu</td>
<td>Program Specialist</td>
</tr>
<tr>
<td>Hussain, Imran</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Jamieson, Walter</td>
<td>Advisor to the Executive Director</td>
</tr>
<tr>
<td>Jamil, Afzal</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Jenkarn, Viman</td>
<td>Technician</td>
</tr>
<tr>
<td>Jirasathipornpong, Thaniya</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Jose, Alvin</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Karim, Fazle</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Khunthong, Wanida</td>
<td>Administrative Officer</td>
</tr>
<tr>
<td>Koldolwski, John</td>
<td>Senior Program Specialist</td>
</tr>
<tr>
<td>Kongkerd, Nalinee</td>
<td>Administrative Assistant</td>
</tr>
<tr>
<td>Kuruvilla, Mathew</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Leeruttanawisut, Kittima</td>
<td>Senior Program Specialist</td>
</tr>
<tr>
<td>Mitra, Shalini</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Mohaputra, Pallavi</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Muangsan, Kanlaya</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Naveed, Shayan</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Nantavong, Parichad</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Phumee, Prasobchok</td>
<td>Technician</td>
</tr>
<tr>
<td>Piromrak, Arjin</td>
<td>Administrative Officer</td>
</tr>
<tr>
<td>Ponvilai, Niramol</td>
<td>Senior Administrative Officer</td>
</tr>
<tr>
<td>Prajogo, Agus Susanto</td>
<td>Senior Program Officer</td>
</tr>
<tr>
<td>Pumsombut, Sujidtra</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Roonjarern, Kanya</td>
<td>Administrative Officer</td>
</tr>
<tr>
<td>Rubinyi, Steven Louis</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Sajor, Edsel E.</td>
<td>Senior Program Specialist</td>
</tr>
<tr>
<td>Sein, Myint Myint</td>
<td>Senior Program Officer</td>
</tr>
<tr>
<td>Shah, Faiz Hassan</td>
<td>Senior Program Specialist</td>
</tr>
<tr>
<td>Shaikh, Furqan Ali</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Shaw, Jonathan Leslie</td>
<td>Executive Director</td>
</tr>
<tr>
<td>Sin, Phyu</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Sitoula, Merina Lohani</td>
<td>Senior Program Officer</td>
</tr>
<tr>
<td>Srina, Warinindhorn</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Suklap, Nidthakant</td>
<td>Administrative/Admission Assistant</td>
</tr>
<tr>
<td>Sumroetrum, Worawan</td>
<td>Senior Program Officer</td>
</tr>
<tr>
<td>Sun, Vicki</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Syiem, Evanshainia</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Tagad, Shankar Shivdas</td>
<td>Program Officer</td>
</tr>
<tr>
<td>Thongkham, Kluaymai</td>
<td>Senior Program Specialist</td>
</tr>
<tr>
<td>Venkatesh, Sundar</td>
<td>Advisor to the Executive Director</td>
</tr>
<tr>
<td>Wangnai, Narumon</td>
<td>Program Specialist</td>
</tr>
</tbody>
</table>

**AIT CONSULTING**

**Project Execution Team**

- **Anwar, Naveed**
  - Executive Director
- **Aung, Thaug Htut**
  - Coordinator, Structural Engineering Unit
- **Boonrod, Udom**
  - General Helper
- **Cuarez, Clarisa**
  - AITC HR Manager
- **Escobin Kim**
  - Quality Assurance Manager
- **Finch, Justin Arnold**
  - Project Development Manager

**Corporate Social Responsibility for ASIA-AIT**

- **Chin, Curtis Scott**
  - Sr. Fellow & Inaugural Executive in-Residence
- **Na Thalang, Nichapat**
  - Senior Outreach Coordinator
- **Overall, Mia Maria Elena**
  - Sr. Advisory Services Coordinator
- **Pathak, Yashvi**
  - Administrative Officer
- **Saengpun, Songpon**
  - Program Officer
Slater, Alyson  
Senior Associate

Sungthong, Roatchana  
Head of Program

Thanatrakolsri, Sirinut  
Program Officer

Wokeck, Leena  
Director

REGIONAL RESOURCE CENTER FOR ASIA AND THE PACIFIC

Borongan, Guilberto H.  
Senior Programme Officer

Canullas, Ric Dennis Aquino  
Senior Programme Officer

Chansawang, Chantaneel  
Programme Assistant

Inagaki, Hiromi  
Senior Programme Officer

Ja, Jangmaw Seng  
Programme Officer

Khan, Ahmed Iftekhar  
Finance Specialist

Lacoul, Manesh  
Technical Advisor

Lepiten, Charina May Blanco  
Programme Officer

Liang, Li  
Programme Officer

Moe, Tin Aung  
Head, Knowledge Support Component

Ratanasawetwad, Sumana  
Senior Administrative Officer

Ratanavong, Nilapha  
Programme Officer

Rodkamnerd, Kitti  
Office Assistant

Rodsum-ang, Woralac  
Administrative Assistant

Roman, Adelaida Ronquin  
Head, Network Support Senior Programme Officer

Samoylov, Grigoriy  
Programme Officer

Sanduijav, Bayasgalan  
Senior Programme Officer

Silvestri, Marco  
Programme Officer

Supakarn, Nawaphorn  
Senior Programme Officer

Verma, Ram Lal  
Programme Officer

Wangwongwata, Supat  
Coordinator of the Secretariat (EANET)

Watanawiroon, Suwimol  
Programme Officer

TÉLÉCOMS SANS FRONTIÈRES

Dejdecha, Sirinchon  
Administrative Officer

Latouille, Sebastien  
IT Officer

Peron, Clement  
Project Manager

Rebattu, Gregory  
Director

ADMINISTRATION

Alumni Affairs Office

Puttha, Sitahng  
Administrative Officer

Jayasinghe, Sanjeev  
Interim Head (from May 2013)

Tien, Hoang Le  
Associate Head for Administration (until April 2013)

Center for Learning Innovation & Quality

Bhujel, Bal Ram  
Administrative Assistant

Hornyak, Gabor L.  
Director

Contract Management Office

Bantu, Sireesha  
Administrative Officer

Chaloeyvares, Elizabeth  
Coordinator

Jatinlapant, Teerachart  
Infrastructure Facilities Management Manager

Kraitthongsuk, Churairat  
Administrative Officer

Lamsal, Ekendra  
IT Manager

Lertwinyu, Chalita  
Head

Purchasing Unit

Dherapongsthada, Pakkamol  
Coordinator

Sodkunnane, Hatthaya  
Assistant Administrative Officer

Songpitakchai, Vasvan  
Purchasing Officer

External Relations & Communications Office

Ali, Ahmed Amjad  
Head

Drean, Olivier  
International Relations Advisor to the Management

Groves, Gabriele Eva Carol  
Program Coordinator

Guzman, Carol Cabildo  
Assistant Programme Officer

Rabgyal, Tenzin  
Senior Programme Officer

Shrestha, Sumana  
Program Officer

Sittichai, Uma  
Senior Administrative Officer

Talaid, Lucena Dante  
Assistant 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

Sriskaewadi, Korapin  
Senior Technical Manager

Srithongsuk, Ladda  
Assistant Administrative Officer

Uppapong, Suvanee  
Secretary I

Wongthonde, Preecha  
Assistant Administrative Officer

Yadtilok, Kasan  
Assistant Administrative Officer

Yooprem, Wilailuk  
Administrative Officer

Media & Communications Unit

Gadlan, Bernardo  
Administrative Officer

Kelly, Shawn Patrick  
Senior Media Specialist

Mendhaka, Nadhika  
Senior Graphic Designer

Singh, Bajinder Pal  
Senior News and Media Specialist

Vimuktonan, Natnipha  
Media Officer (Public Relations)

Finance Office

Alcantara, Marilyn Mollanida  
Finance Officer

Arnprayoon, Pairuch  
Accountant

Bumrungsak, Kalya  
Senior Administrative Officer

Chooychoo, Prateep  
Cashier Supervisor

Gonzales, Katherine Lo  
Coordinator

Kamkhuntrud, Rungrueede  
Accountant

Kosaipolkul, Orawan  
Senior Accounting Manager

Limcharoenwongchai, Pitchaya  
Cashier

Misri, Chanya  
Accountant
Appendices

Pan-in, Nadkirta
Administrative Officer

Phatthanasrisakda, Jantida
Accountant

Promprawongse, Chirarap
Finance Manager

Rittipongshusit, Noppadon
Head

Suksumphak, Narumol
Accountant

Sumangkayothin, Ichaya
Accountant

Thanatheerahirun, Vandee
Accountant

Thongchantr, Ekarin
Senior Accountant

Yoonpund, Panthila
Senior Accountant

Pan-in, Nadkrita
Administrative Officer

Phatthanasrisakda, Jantida
Accountant

Promprawongse, Chirarap
Finance Manager

Rittipongshusit, Noppadon
Head

Suksumphak, Narumol
Accountant

Sumangkayothin, Ichaya
Accountant

Thanatheerahirun, Vandee
Accountant

Thongchantr, Ekarin
Senior Accountant

Yoonpund, Panthila
Senior Accountant

Human Resources Office

Diopenes, Maybel Belonio
Coordinator

Manakul, Sripatchara
Manager

Puankratok, Denphoom
Administrative Officer

Sukasem, Jirada
Administrative Officer

Suwanantaroth, Sawan
Manager

Yimkeo, Somnuk
Assistant Administrative Officer

Medical Clinic

Atthajitrakul, Pattita
Secretary

Chaisooksang, Siriluck
Nurse Supervisor

Sirilangchaw, Thanawan
Senior Nurse

Internal Audit Office

Limpodom, Worawan
Assistant Internal Auditor

Manorath, Prapat
Assistant Internal Auditor

President’s Office

Amoussou-Guenou, Roland
Senior Legal Advisor

Badiola, Marjorie, Louise P.
Assistant Administrative Officer

Calabdan, Renedith A.
Senior Administrative Officer

Irandoust, Said
President

Kanok-Nukulchai, Worsak
President (Interim)

Kittrakool, Chutraporn
Secretary

Kongluer, Rawiwan
Administrative Secretary

Mongkolchotirat, Chotiros
Senior Administrative Officer

Nissaipan, Chadrat
Executive Secretary to the President

Pandey, I.M.
Vice President for Academic Affairs

Pothi, Premjit
Coffee Lounge Attendant

Rana, Karma
Institute Secretary

Shrestha, Pramod B.
Visiting Coordinator of NEF-CCN

Sitoula, Ashish OM
Project Coordinator

Sravat, Namita
Coordinator, Academic & Administrative Affairs

Wasuntpongse, Kulvimon
Secretary to the Board

Yamomo, Kazou
Visiting Professor & Senior Advisor to the President

Youbanklong, Sayan
Driver/Office Assistant

Resources & Development Office

Bokhari, Syed Muntasir Husain
Program Officer

Jayasinghe, Sanjeev
Fundraising Director

Kanok-Nukulchai, Worsak
Vice President for Resources & Development

Mongkolchotirat, Chotiros
Administrative Officer

Talaid, Lucena Dante
Program Officer

Unified International Bachelor’s, Master’s Degree Program

Gonzales, Arthur Lance Otadoy
Assistant Program Officer

AIT-Balkh University Project

Qasim, Mohammed
Project Manager

Research & Education Support Office

Dante, Izel Ann M.
Head

AIT International School

Azulpurkar, Madhavi N.
Computer Teacher

Anatan, Divina C.
Music Teacher

Annachatre, Manjiri Ajit
Teacher

Asim, Farzana
Teacher

Brown, Debra
Teacher

Bunrod, Pimpa
Teacher’s Aide

Caszo, Elvis Anthony
Teacher

Cesar, Grace Denubo
Teacher

Chanmanetarakul, Aporn
Thai Teacher & P.E. Teacher Pre-Kindergarten

Deshpande, Shridevi Shrikant
Teacher/Coordinator

Gatela, Ma. Visitacion Q.
Teacher

Glinhom, Nantaphan
Assistant Teacher

Gonzales, James Tolentino
Teacher

Gonzales, Leila M.V.
Teacher

Guazon, Clive Abigaile I.
Special Education Teacher

Gunawardena, Wasana
ESL Teacher

Gurung, Megha
ESL Teacher

Huong, Tran Thu
Library Teacher

Jansrongkrod, Janya
Assistant Teacher

Kaewsawrang, Mayuree
Teacher’s Aide

Karna, Neeta Kumari Das
Assistant Teacher

Kaur, Prabhsharan
Art Teacher

Kohklang, Kingkan
Office Attendant

Lawas, Marichu Pogoy
Teacher

Mongkolchotirat, Chotiros
Administrative Officer

Talaid, Lucena Dante
Program Officer

Unified International Bachelor’s, Master’s Degree Program

Gonzales, Arthur Lance Otadoy
Assistant Program Officer

AIT-Balkh University Project

Qasim, Mohammed
Project Manager

Research & Education Support Office

Dante, Izel Ann M.
Head

AIT International School

Azulpurkar, Madhavi N.
Computer Teacher

Anatan, Divina C.
Music Teacher

Annachatre, Manjiri Ajit
Teacher

Asim, Farzana
Teacher

Brown, Debra
Teacher

Bunrod, Pimpa
Teacher’s Aide

Caszo, Elvis Anthony
Teacher

Cesar, Grace Denubo
Teacher

Chanmanetarakul, Aporn
Thai Teacher & P.E. Teacher Pre-Kindergarten

Deshpande, Shridevi Shrikant
Teacher/Coordinator

Gatela, Ma. Visitacion Q.
Teacher

Glinhom, Nantaphan
Assistant Teacher

Gonzales, James Tolentino
Teacher

Gonzales, Leila M.V.
Teacher

Guazon, Clive Abigaile I.
Special Education Teacher

Gunawardena, Wasana
ESL Teacher

Gurung, Megha
ESL Teacher

Huong, Tran Thu
Library Teacher

Jansrongkrod, Janya
Assistant Teacher

Kaewsawrang, Mayuree
Teacher’s Aide

Karna, Neeta Kumari Das
Assistant Teacher

Kaur, Prabhsharan
Art Teacher

Kohklang, Kingkan
Office Attendant

Lawas, Marichu Pogoy
Teacher

Mongkolchotirat, Chotiros
Administrative Officer

Talaid, Lucena Dante
Program Officer

Unified International Bachelor’s, Master’s Degree Program

Gonzales, Arthur Lance Otadoy
Assistant Program Officer

AIT-Balkh University Project

Qasim, Mohammed
Project Manager

Research & Education Support Office

Dante, Izel Ann M.
Head

AIT International School

Azulpurkar, Madhavi N.
Computer Teacher

Anatan, Divina C.
Music Teacher

Annachatre, Manjiri Ajit
Teacher

Asim, Farzana
Teacher

Brown, Debra
Teacher

Bunrod, Pimpa
Teacher’s Aide
Thomas, Oluwayemisi Ayoola
Teacher
Thummachua, Parichat
Administrative Officer
Tumala-Pilongo, Janice G.
Pre-Kindergarten Teacher
Yamyai, Prangjit
Teacher’s Aide

Language Center
Atthajitrakul, Nichapat
Secretary
Burrows, Tylor
Senior Language Specialist
Chamart, Ginette
French Language Specialist
Choombala, Thanisa
Language Specialist
Duncan, Benjamin R.
Language Specialist
Francois, Juliette
Language Specialist
Hamilton, Thomas
Language Specialist
Hatfield, Robin
Director
Laszewski, Matthew C.
Director
Nakwachara, Thippawon
Administrative Secretary
Sarausad, Mary Rose Geraldine A.
Language Specialist
Shrestha, Ami
Assistant Language Specialist
Thomas, David Learmonth
Language Specialist

Library
Chuenkham, Santi
Library Assistant
Intaralux, Nimitr
Library Assistant
Intha, Watcharin
Senior Librarian
Kiriyanant, Pranees
Library Coordinator
Klinkaw, Sasawan
Administrative Secretary
Kongdun, Vanida
Library Assistant
Pakhkethati, Sompong
Library Assistant
Phantarat, Kanjana
Librarian
Phung-nguen, Prakas
Library Assistant
Ratanaphanlop, Trisukhon
Senior Librarian
Saranyapipat, Rungtiwa
Senior Librarian
Wapeeso, Banyat
Library Assistant

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

Student Office
Roa, Laarni B.
Head

Admission
Abrea, Irma O.
Administrative Officer
Anceño, Marisol Compendio
Administrative Officer
Aung, Pwint Phyu
Administrative Officer
Buakanthong, Supawadee
Assistant Administrative Officer
Gargabite, Benjamin A.
(† June 2013)
Coordinator, Admissions & Scholarships
Nuamuam, Wallapa
Administrative Officer
Nwe, Khine Thet
Administrative Officer
Paye, Hannah D.
Assistant Administrative Officer
Perez, Maria Avegail Cueto
Administrative Assistant
Pesarillo, Christine P.
Administrative Officer
Rabgyal, Tenzin
Interim Admissions & Scholarships Coordinator

Career Center
Baidya, Abha
Career Counselor/IS Analyst
Gonzales, Joan Carla C.
Coordinator, Career Center and Student Affairs
Marikhu, Thin YuYu Hlaing
Administrative Assistant
Onputtha, Suraporn
Internship Desk Counselor
Prasongsuk, Chatchata
Office Attendant

Registry
Diaz, Arnolfo M.
Administrative Officer
Gonzales, Patrick
Registry Clerk
Mission, Emelyn Fe D.
Administrative Officer
Nutrak, Yongyut
Registry Clerk
Udomwittayanukul, Prapaporn
Administrative Officer

Student Union
Poonsang, Waranluck
Secretary
PARTNERS IN 2013

GOVERNMENTS

AFGHANISTAN
- Ministry of Higher Education (MOHE)

BANGLADESH
- Center for Integrated Rural Development for Asia and Pacific (CIRDAP)

BHUTAN
- Ministry of Education

CHINA
- The China Scholarship Council, Ministry of Education

ETHIOPIA
- Ministry of Agriculture and Rural Development

FRANCE
- Ministry of Foreign and European Affairs

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

INDONESIA
- Government of Aceh

INDIA
- EDU World

IRAN
- Iranian Research Organization for Science and Technology (IROST)

JAPAN
- Japan Aerospace Exploration Agency (JAXA)

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
- International Centre for Integrated Mountain Development (ICIMOD)

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

PAKISTAN
- Commission on Science and Technology for Sustainable Development (COMSATS)
- Government of the Punjab
- Pakistan Water and Power Development Authority (WAPDA)

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)
- Support of Wetlands Alliance Building Local Capacity for Sustainable Wetlands Management

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)
- Sirindhorn International Environmental Park Foundation under the Patronage of HRH Princess Maha Chakri Sirindhorn
- Software Industry Promotion Agency (SIPA)
- The Pollution Control Department, Thailand

THE NETHERLANDS
- The Minister for Development Cooperation of the Kingdom of the Netherlands

TIMOR LESTE
- Ministry of Agriculture & Fisheries

VIETNAM
- Ho Chi Minh City Project 300
- 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
- Royal University of Law and Economics

CANADA
- Universite de Montreal

CHINA
- Beijing Normal University (BNU)
- Beijing Jiaotong University
- Guanxi University
- International Research and Training Center for Rural Education
- Lingnan (University) College, Zhongshan University
- Peking University Resource College (PKURC)
- Shanghai Ocean University
- Tianjin University of Science & Technology (TUST)
- 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 Institute of Technology
- Yunnan University

DENMARK
- Aalborg University
- Copenhagen Business School (CBS)

FINLAND
- Helsinki School of Economics & Business Administration (HSEBA)
- Lappeenranta University of Technology (LUT)
- University of Jyvaskyla

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 Sans Frontiers
- 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)
- The University of Lyon II
- 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
- Clausthal University of Technology
- European Business School (EBS), Schloss Reichtaushausen, Oestrich-Winkel
- Leipzig Graduate School of Management, Handelshochschule Leipzig
- Philipps-Universitat Marburg
- Stuttgart Institute of Management & Technology (SIMT)
- The International University of Germany

HONG KONG
- University of Hongkong (Department of Real Estate and Construction)
INDIA

- Assam Don Bosco University
- 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)
- Indian Institute of Management (IIMK)
- Jaipur 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)
- National Institute of Technology, Tiruchirappalli
- 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
- 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

- Institut Teknologi Sepuluh Nopember (ITS)
- Jenderal Soedirman University (UNSOED)
- Petra Christian University
- State Islamic University
- Udayana University, Bali
- Universitas Andalas (UNAND)
- 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 for Global Environmental Strategies (IGES)
- Institute of Industrial Science, Asian Association of Remote Sensing, 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)
- 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)
- National Institute of Advanced Industrial Science & Technology (AIST)
- Research and Development Center of Nippon Koei Co., Ltd.
- Remote Sensing Technology Center (RESTEC)
- Sokendai Graduate School for Advanced Studies
- The National Institute of Informatics
- The University of Tokyo
- The University of Tsukuba
- Tohoku University
- Tokyo Institute of Technology
- University of Yamanashi, Center of Excellence for Research and Education on Integrated River Basin Management in Asian Monsoon Region
- Utsunomiya University
- United Nations University

KAZAKHSTAN

- Almaty Institute of Power Engineering & Telecommunication
- JSC New University Astana

KENYA

- Multimedia University College

KOREA

- Department of Geo-Informatics, University of Seoul
- 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 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
The Korea Research Council of Fundamental Science and Technology
University of Seoul, Department of Geoinformatics

KYRGYZ REPUBLIC AND TAJKISTAN AND HIS HIGHNESS AGA KHAN
University of Central Asia (UCA)

MALAYSIA
Universiti Putra Malaysia
Universiti Teknologi Mara (UiTM)
ITPSB, UTP Petronas Malaysia

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)
Purbanchal University
South Asian Institute of Management

NIGERIA
Federal University of Technology, Akure

PAKISTAN
Balochistan University of Engineering and Technology, Khuzdar
Balochistan University of Information Technology, Engineering & Management Sciences, Quetta (BUITEMS)
Government College University, Lahore (GCU, Lahore)

PHILIPPINES
University of the Cordilleras

PORTUGAL
Universidade de Minho

SPAIN
Escuela de Alta Direccion y Administracion (EADA), Barcelona

SRI LANKA
International College of Business and Technology (ICBT).
South Asian Institute of Technology and Management (SAITM)
Uva Wellasa University (UWU)

SWEDEN
KTH, Kungliga Tekniska Hogskolan
University of Boras
Tekniska Hogskolan in Jonkoping, Jonkoping University

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
- Mahidol University
- Naresuan University
- Pathumthani Province and Educational and Research institutions in Pathumthani Province
- Rangsit University

UGANDA
- Busitema University

UNITED STATES OF AMERICA
- Colorado State University
- Department of Agricultural Economics, Kansas State University, Kansas
- Institute for Scientific Research (ISR), Boston College
- Oregon State University (OSU)
- The Heller School for Social Policy and Management, Brandeis University
- University of Rhode Island, The Coastal Resources Center

UNITED KINGDOM
- Aston Business School, Aston University

VIETNAM
- An Giang University
- Binh Duong Economics and Technology University (BDKT)
- Danang University of Technology (DUT)
- Duy Tan University
- Foundation Engineering Institute (FECON INS)
- 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

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
- Samdrup Penor Education Consultancy & Placement Firm

CHINA
- AsiaInfo Linkages Inc.
- YueHan Shanghai Trading Co., Ltd.
- Guangdong Education Service of International Exchanges Tianhe Center (GESIE)
- Gold East Paper (Jiangsu) Co., Ltd Shanghai Branch

FRANCE
- Campus France

HONG KONG
- CSR Asia Ltd.

INDIA
- Charkha Educational Consultancy Services
- United Group of Institutions
- M/S Quality Education
- Hand in Hand Microfinance Private Limited (HiHMFPL)

INDONESIA
- Pt. Damba Intra

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

KOREA
- R&D Division, Hyundai Engineering & Construction

MYANMAR
- Myanmar Computer Company Ltd. (MCC)
- Myanmar Egress
- 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)

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
- Epic Lanka Group

THAILAND
- ACC & CON Business Consultants Company Limited (ACBCCL)
- Buildersmart Public Co., Ltd.
- Global Siam Gate Company Limited (GSG)
- IBM, Thailand
- Innotech Golf Co., Ltd.
- Sodexo Support Services (Thailand) Ltd.
- SPS Global Corporation Co., Ltd.
- TEAM Group of Companies Co., Ltd.
- Thai Carbon Black PCL
- The Coordinating Committee for Geoscience Programmes in East and Southeast Asia (CCOP)
- Total Gas & Power
- Western Digital (WD) (Thailand) Co., Ltd.

UNITED KINGDOM
- Elim Project Systems Limited

VIETNAM
- PVD Training

ASSOCIATIONS

INDIA
- SHE Foundation

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
- The AIT Alumni Association
- Total E&P Thailand (TEPT) and Total Professors Association (TPA)

INTERNATIONAL ORGANIZATIONS

DENMARK
- UNEP Riso Centre

FRANCE
- Télécoms Sans Frontières (TSF)

JAPAN
- Institute for Global Environmental Strategies (IGES)

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

PHILIPPINES
- Asian Development Bank

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)
- Regional Resource Centre for Asia and the Pacific (RRC.AP)
- Food and Agriculture Organization (FAO)

THE NETHERLANDS
- The UNESCO-IHE Institute for Water Education
- UNESCO-IHE (DD-AWELWP)
- UNESCO-IHE (ETSuD and UWEM)

UNITED STATES OF AMERICA
- International Fellowships Fund, Inc.
- The Bridge Fund (TBF)

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