



AIT
Asian Institute of Technology

2014 ANNUAL REPORT





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Cover Photo:

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“AIT Pure View of Knowledge”

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.

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Mrs. Kulvimol Wasuntiwongse*

MESSAGE FROM THE CHAIRMAN OF THE AIT BOARD OF TRUSTEES



It is indeed my privilege and honor to serve my Alma Mater, the Asian Institute of Technology, as its Chairman of the Board of Trustees. I wish to express my gratitude to the Board and the Institute in entrusting me in this important task.

During the past 15 months, starting from October 2013 to the end of the year 2014, under my Chairmanship of the Board, the Institute has gradually recovered from its financial difficulties and its infrastructure/campus disruption caused by the great flood in 2011 has been satisfactorily improving. The campus has gained back its warmth and beauty. This is due to the sacrifice, efforts and hard work of many constituencies and people including the Board and its Committees, the Management Team, the AIT Alumni as well as the AIT Community.

AIT is now stepping into its 56 years of service and is getting stronger in moving forward to a prosperous future. As Chairman of the Board and also an alumnus of AIT, I hope nothing but the best for the Institute. 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. I firmly believe that together we will be able to reach our goal.

With all best wishes,

Dr. Subin Pinkayan
Chairman
Board of Trustees
Asian Institute of Technology
Bangkok, Thailand

MESSAGE FROM THE PRESIDENT



As we move into 2015, it is time to look back as well as look ahead. The Year 2014 was indeed a year of reflection, restraint and rehabilitation. While we witnessed our beloved campus being inundated with flood waters in 2011; most of 2012 saw AIT being submerged by the issue of legality arising out of the New Charter, and the unpleasant rows between the former President and our alumni. Though AIT returned to its original legal status on 12 December 2012 (as a non-profit international post-graduate institute), the crisis left AIT on the brink of financial collapse. In 2013, we tried to come to grips with the chaos that had been created.

The Year 2014 finally brought us a bright ray of hope. As we start 2015, it is heartening to know that the financial forecast at the end of 2014 has shown signs of sharp recovery. We are now moving in the right direction, with renewed strength and vigor. We have been able to plug the leaks, and halt the financial bleeding that took us on a downhill path from 2009–2012.

AIT is extremely grateful to the Board of Trustees and all its Committees for the extreme attention that they have paid to the Institute. We are especially proud of our faculty and staff for their understanding and sacrifice, as we jointly made efforts to resolve the worst crisis in the 55-year old history of our beloved Institute.

In 2014, we gradually regained the trust of our strategic partners, especially our host country, Thailand. Thailand has resumed its annual budget allocation to AIT, and we have secured support under the 10th 5-year Cooperation Plan of the Royal Thai Government (RTG). AIT will be provided an annual budget for the next five years in the form of Royal Scholarships and RTG Fellowships.

The Year 2015 shall be a year of a concerted focus on income generation. An AIT business plan will be developed in line with the Vision provided by the Board Chair. This will allow us to re-establish and enhance our faculty strength. In this regard, the Executive Committee has already outlined a policy for an international open selection of the deans, which may mean a requirement of a premium compensation package.

The Year 2015 will also witness a greater diversification of the Institute's funding sources to complement the existing donor-driven model. We have made a solid start in this direction courtesy of our industrial relationships. Worthy of special mention is the new partnership model established with the Thai Pipe Industry Co., Ltd. (Thai Pipe), a business entity driven by our doctoral alumnus, Dr. Yanyong Phataralaoha. Thai Pipe is the largest producer of PVC pipes in the region, and it has earned tremendous goodwill due to its Corporate Social Responsibility (CSR) activities. Aimed at human resources development, Thai Pipe has established a Thai Pipe Scholarship (TPS) Fund at AIT, to support students from Indochina and Myanmar from now year after year. For the first year, the TPS Fund will provide three (3) bond-free full scholarships to students from Cambodia, Laos and Myanmar. Thai Pipe Industry Co., Ltd., will also support a new full scholarship for a bachelor's degree graduate of Virginia Military Institute (VMI), USA, to study for a master's degree at AIT beginning in August 2015. It will be the first time in AIT's history that a scholarship is earmarked for an American citizen.

Many other business entities have also started providing various kinds of support to AIT including scholarships to AIT students, and I must thank Siam Cement Group (SCG), Chai Patthana Foundation, Regional Container Lines

(RCL), Panya Consultants, Index International, Pruksa Real Estate, Chevron Asia South, SPS Global Corporation, and Bhagya Enterprises among others. Most of them are in Thailand, but we look forward to expanding the list to business partners in other countries in the future.

The Year 2015 will also see a full-fledged effort at reinvigorating AIT's beautiful campus. AIT has already spent 297 million Baht (from its flood compensation total of 440 million Baht) over the past two years, which has helped to bring the campus back to life after the devastating floods. However, much more needs to be done before AIT can return to its glorious past. After our financial situation showed an improvement in 2014, the Administration received an endorsement from the Executive Committee to use the remainder of the insurance money (133 million Baht) to completely overhaul our 40-year-old aging infrastructure, as well as modernize the AIT Library. The library modernization plan will however require that the AIT Administration raise an additional 31 million Baht.

It is indeed a great honor for AIT to have received the good news from Her Royal Highness Princess Maha Chakri Sirindhorn's Private Secretary that HRH Princess Maha Chakri Sirindhorn has kindly accepted AIT's invitation to serve as the Honorary Chair of the International Advisory Committee for the AIT Library Modernization. In addition, HRH Princess Maha Chakri Sirindhorn has graciously granted her personal donation of 1 million Baht from 2007 to be used for the Library Modernization. On behalf of the AIT Community and friends, I would like to humbly express our gratitude for the support. As always, AIT has been blessed with the continuous support of its Royal Alumna.

Continuing with a concerted push into tapping resources from the private sector, at its meeting on 28 January 2015, the SCG Board approved a donation of 10 million Baht towards the fundraising campaign for the modernization of the AIT Library. The donation from SCG, catapults the Library fundraising into big leagues, and brings good cheer in the New Year.

The original AIT Library was constructed with funds donated by the Government of Japan in 1981, and it acquired a face-lift in 2007, courtesy of support from the AIT Alumni Association (AITAA). It was an example of a typical university library built at that time, with bookshelves dominating the ground floor and special collections being showcased on the upper floor. After the flood, the library received an allocation of 10 million Baht from insurance compensation for repairing its ground floor. The repair could have been completed in a simple straightforward manner, if AIT wanted to maintain the library in the same old form and format. However, today's library users (faculty, researchers and students) access, process, and use information in a manner totally different from the practices followed 40 years ago when this AIT library was designed and built.

Today, libraries are no longer places to merely browse books or to complete assignments. Instead modern libraries have emerged as places for immersive learning and meeting places for academic discussion and intellectual reflection; where media centers, digital repositories, and wonders of modern architecture and design converge to create a stimulating atmosphere. Thus, it is a good opportunity for the AIT library to be modernized to cater to the 21st century needs of the students.

Moving forward, it is important to keep in mind that the success of our Institute depends on the active support and participation of the Board of Trustees, Executive Committee, Alumni, Partners and, most importantly, our AIT community members.

I welcome your participation in the journey ahead and look forward to your strong and continued support to the Institute. While 2014 was a year of reflection, we look forward to 2015 as a transformative year for AIT.

Professor Worsak Kanok-Nukulchai

President

Asian Institute of Technology

INSTITUTIONAL HIGHLIGHTS

JANUARY

AIT's Management Programs Among Global Top 20



AIT's prestigious Management programs were ranked among the top global and regional programs, with its Master's program in Agribusiness Management being ranked 14th globally. Most AIT programs have improved their rankings in the latest Eduniversal Best Masters, 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 Manage-

ment 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.



AIT alumnus appointed Deputy Minister in Vietnam

An alumnus of AIT, Dr. Cao Quoc Hung was appointed as Deputy Minister, Ministry of Industry and Trade in Vietnam. Dr. Hung is a graduate of AIT having completed his Doctoral degree in Engineering in Energy Technology from the School of Environment, Resources and Development (SERD) in 1998.

Norway unveils third tranche of scholarships for Myanmar students



The Norwegian Ministry of Foreign Affairs (NMFA) unveiled its third tranche of scholarships for students from Myanmar to study at AIT. In an elegant ceremony organized at the Royal Norwegian Embassy at Yangon on 30 January 2014, the Ambassador of Norway,

H.E. Ms. Anne Ollestad, announced the commencement of scholarships for Myanmar students to undertake postgraduate studies at AIT. The Ambassador remarked that education is the key to development in Myanmar, and AIT has an important role to play in offering knowledge and skills to students from Myanmar. "I am hopeful and confident that the students awarded scholarships through the program will return to Myanmar after their studies where their knowledge and competence is best suited, be it within the Government or in a private business," the Ambassador said in her brief remarks. Later, the Norwegian Ambassador; H.E. Dr. Sahas Bunditkul, former Deputy Prime Minister of Thailand and member of AIT's Board of Trustees; and Prof. Worsak Kanok-Nukulchai, AIT President, addressed a press conference.

Alliance for Global Sustainability Asia at AIT



Vice President for Resource Development (VPRD), Prof. Kazuo Yamamoto unveiled a proposal for establishing Alliance for Global Sustainability Asia at AIT. The Alliance for Global Sustainability (AGS) will establish a strong network in the region, help in obtaining faculty secondments and student scholarships, besides

helping strengthen the AIT brand, Prof. Yamamoto said. AGS is an international partnership among four of the world's leading science and technology universities – ETH Zurich, MIT, The University of Tokyo, and Chalmers University of Technology. Prof. Yamamoto, who has worked as the Secretary of AGS when it was established, added that he was in consultation with his colleagues at The University of Tokyo about AGS Asia, and that they had agreed to extend the concept to AIT.

Board Chairman outlines AIT Road Map



A full-day session of AIT's faculty and staff deliberated on the AIT Institutional Road Map, which was organized under the aegis of the Chairman of AIT Board of Trustees, H.E. Dr. Subin Pinkayan. "The AIT Road Map is an operational guideline for 2014-2018," Dr. Subin remarked at the beginning of the workshop held on 22 January 2013 at the AIT Conference Center. The AIT Road Map, which was approved at the meeting of the AIT Board of Trustees held on 16 January 2014, was presented to the AIT community, which began its deliberations on operationalizing an action plan. "I identify myself as a member of the AIT community and I have come to work with you," is how the Board Chairman described the day's workshop. Welcoming Dr. Subin, AIT's President Prof. Worsak Kanok-Nukulchai remarked that this was the first time that the Board Chairman has come down to work with the entire AIT community.

FEBRUARY

AIT hosts high-level delegation from Colorado State University



A high-level delegation of officials representing America's Colorado State University (CSU) visited AIT on 24 February 2014 to explore possibilities for collaboration, and to build on the two institutions' long-established history of partnership. The CSU delegates were welcomed by H.E. Dr. Subin Pinkayan, Chairman of the AIT Board of Trustees, who organized the visit. Dr. John D. Nelson, Professor Emeritus at CSU and member of AIT Board of Trustees led the CSU delegation. AIT President Prof. Worsak Kanok-Nukulchai chaired the boardroom meeting where ideas were raised for AIT-CSU student exchanges, faculty secondments, internships, and dual degree programs. The delegation comprised of Dr. David McLean, Dean of the College of Engineering; Dr. Ajay Menon, Dean of the College of Business; Dr. David Dandy, Department Head of Chemical and Biological Engineering; Dr. Kenneth Reardon, Professor of Chemical and Biological Engineering; Mr. Matthew Carlyon, Director of Development and Alumni Affairs for the College of Engineering; Mrs. Audra Brickner, Executive Director of Development and Alumni Affairs for the College of Business; and Dr. John D. Nelson, CEO of Engineering Analytics, Inc.

AIT condoles the death of Prof. Donald George, Former Vice Chairman of the Board of Trustees

AIT condoled the death of the former Vice Chairman of the AIT Board of Trustees, Prof. Donald George, who passed away in January 2014. Prof. George was elected to the AIT Board of Trustees in 1978, and became the Vice Chairman in July 1982. As a member of the Board, Prof. George chaired the Policy and Planning Committee, acted for the Chair on the Executive Committee and the full Board, and participated in the deliberations of the Faculty, and the Student Relations Committee. Professor George also served as a member of three Presidential Search Committees. Following his retirement from the Board in 1998, the Board of Trustees presented him with a citation. The citation can be read at this link:

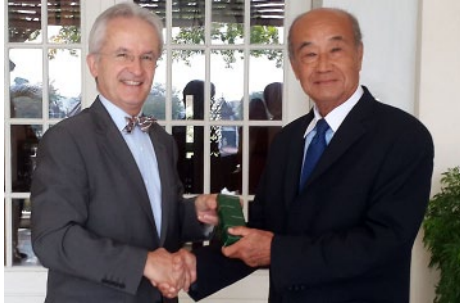
<http://www.smh.com.au/comment/obituaries/don-george-nuclear-visionary-who-worked-for-peace-20140205-321d1.html#ixzz2sbUCbea1>

Prof. George was awarded the honor of "Officer of the Order of Australia" in 1979, and a Centenary Medal for services to Australian society in atomic energy in 2001. He served as the second Vice-Chancellor of University of Newcastle from 1975-1986.



MARCH

AIT calls on French Ambassador to Thailand



France's Ambassador to Thailand H.E. Mr. Thierry Viteau on 20 March 2014 said he would continue to support AIT "in heart and mind" and "through the promotion of collaboration with French universities and institutions."

The ambassador made the comment at a meeting with Chairman of the AIT Board of Trustees H.E. Dr. Subin Pinkayan and President Prof. Worsak Kanok- Nukulchai, who led an AIT delegation to the French Residence, Bangkok. Ambassador Viteau was joined at the meeting by Mr. Sylvain Fourriere, Deputy Head of Mission, and Mr. Stephane Roy, Attaché for Scientific and Higher Education Cooperation.

Ten officials from DPR Korea undergo four-week program



Ten engineers and transport officials from the Democratic People's Republic of Korea participated in a UNESCAP-supported training program on "Road Safety and Traffic Management" at AIT from 10 February – 6 March 2014. The

participants came from the Ministry of Land and Environment Protection and the Institute of Road Design, DPRK.

Speaking at the concluding function of the four-week training program at AIT Extension on 6 March 2014, Mr. Kim Tae Gill, Deputy Director-General, Road Construction and Management Department, Ministry of Land and Environment Protection, DPR Korea, stated that their team is committed to the "sustainable development of road construction and management in Asia." UNESCAP and AIT can play an important role in enhancing cooperation between countries in Asia, he added.

APRIL

24 DAAD scholarship recipients felicitated at German Embassy

Twenty-four AIT students received commemorative certificates from Germany's Ambassador to Thailand H.E. Mr. Rolf Schulze at an official DAAD Scholarship handover ceremony on 1 April 2014 at the German Embassy in Bangkok. Ambassador Schulze and Ms. Annette Sévery, Counselor, Press and Cultural Affairs, welcomed an AIT delegation to the embassy led by Vice President for Academic Affairs Professor Sivanappan Kumar. The 24 scholarship recipients are from Cambodia, Lao PDR, Myanmar and Vietnam (CLMV).



28 companies participate in AIT Career Fair

Twenty-eight companies participated in the AIT Career Fair organized on 2 April 2014. Two of these companies also conducted campus interviews to recruit AIT students.



MAY

429 students from 36 countries graduate from AIT



Vietnam provided the maximum number of graduates (93) closely followed by Thailand with 81. Sri Lanka with 70 graduates, Myanmar with 42, and Nepal with 25 were the other countries among the top five. While introducing Prof. Norihito Tambo, former President and Professor Emeritus of Hokkaido University, who was the Graduation Speaker during the morning session, Prof. Worsak stated that Prof. Tambo's presence is an acknowledgement of the strong collaboration between AIT and Japan. Japan has provided scholarship support to nearly 1000 students at AIT, deputed 140 faculty members as secondments, and helped in creating infrastructure including the AIT Conference Center and the AIT Library.

The Graduation Address for the afternoon session was delivered by Mr. Attila Nyitrai, Minister-Counsellor, Deputy Head of Delegation on behalf of H.E. Mr. Jesús Miguel Sanz, Ambassador- Head of the Delegation of the European Union

to Thailand and Laos. Prominent Alumni messages were delivered by Mr. Sumate Tanthuanich, President, Managing Director and Executive Director, Regional Container Lines (RCL) Public Company Limited, and Dr. Yuan Derun, Education and Training Program Manager, Network of Aquaculture Centres in Asia-Pacific.

Prof. Nitin Kumar Tripathi delivered the Professorial Address. Messages by the Most Outstanding Doctoral Graduates were delivered by Mr. Arshad Mahmood of Energy Field of Study from the School of Environment, Resources and Development (SERD) and Mr. Anshul Agarwal of Water Engineering and Management of the School of Engineering and Technology (SET). Messages by the Most Outstanding Master's Graduate were delivered by Mrs. Shubhechchha Sharma of Natural Resources Management of SERD, and Mr. Mohammad Dalower Hossain of Remote Sensing and Geographical Information Systems of SET.

AIT to broaden partnership with Regional Integrated Multi-Hazard Early Warning System for Asia and Africa (RIMES)



After five years of official scientific collaboration, AIT is set to strengthen its partnership with the Regional Integrated Multi-Hazard Early Warning System for Asia and Africa (RIMES). Addressing the opening session of 6th Council Meeting of RIMES on May 29, 2014, AIT President Prof. Worsak Kanok-Nukulchai reiterated AIT's commitment to support the international and intergovernmental institution within the framework of the AIT-RIMES memorandum of understanding signed in 2010.

The two-day RIMES meeting at AIT welcomed international delegates representing 31 Member States and collaborating countries from Asia and Africa, as well as senior representatives of international organizations UN-ESCAP, UNDP, UNESCO/IOC and WMO. RIMES is owned and managed by its Member States for the generation and application of early warning information related to natural hazards such as tsunami, severe weather and water-related hazards.

JUNE

QS delegation visits AIT

A delegation of Singapore-based Quacquarelli Symonds (QS) Asia (Asia-Pacific, Middle East and Africa) headed by its CEO, Ms. Mandy Mok delivered a presentation at AIT on 9 June 2014 and complimented the Institute on its internationality. Ms. Mok was accompanied by Mr. Ashwin Fernandes, Head of Client Relations, QS Asia, Singapore Office. The QS officials also met with members of the AIT Management.



China's The Excellent Alliance of University (E9) visits AIT in seek of partnership



China's top universities have benefited from working closely with Western universities, in recent years. Now, a number of leading Chinese universities aim to establish partnership arrangements with well-known higher education institutions in Southeast Asia, including AIT. That was the message Chinese diplomats and senior university administrators brought to AIT during a visit on 20 June 2014. Joined by Mr. Zhou Gaoyu, First Secretary for Education, China Embassy, Thailand, a large delegation representing the ASEAN-China Centre in Beijing and high-ranking officials from The Excellent Alliance of University (E9) consortium expressed a collective desire to work with AIT.

Pakistan Ambassador to Thailand brokers meeting of Pakistan Engineering Council and AIT

Pakistan Ambassador to Thailand H.E. Dr. Sohail Khan guided a senior level delegation from the Pakistan Engineering Council (PEC) on its maiden visit to AIT on 3 June 2014 for exploratory talks on broad-based collaboration, including academic accreditation.



JULY

AIT joins France to host regional Science and Climate Change Conference



AIT will partner with the Government of France to stage an international scientific conference next year in Thailand, as a prelude to the COP 21 World Forum on Climate Change to be held in December 2015 in Paris, France. Mr. André de Bussy, France's Regional

Counsellor for Development in ASEAN based at the French Embassy in Jakarta, Indonesia, led a six-member delegation of French officials to AIT on July 25 to discuss preliminary details for cooperation on the event with the AIT President and senior institute officials, as a springboard for new partnerships and long-term friendship. The global COP 21 forum hosted by France offers hope to the world on tackling climate change.

63 students from 16 countries across 3 continents graduate from AIT



Sixty-three students hailing from 16 countries across Asia, Africa and South America graduated at the Inter Semester Graduation ceremony organized on 30 July 2014. Out of the 63 graduands, 17 were from Thailand; nine from Myanmar; seven from Indonesia;

six from Sri Lanka; four each from Pakistan and People's Republic of China; and three from Vietnam. Afghanistan, India, Nepal, and Timor-Leste with two graduands each; and Argentina, Bangladesh, Lao PDR, The Philippines, and Tanzania with one each were the other countries of origin of the graduating students.

AIT camp exemplifies good ties with India

A large group of 59 students and two faculty members from nine campuses of India's United Group of Institutions (UGI) attended a two-week Summer Education Camp at AIT that underscored the institute's solid con-



NCPO approves AIT budget of 119 million Thai Baht



Thailand's National Council for Peace and Order (NCPO) approved a budget of 119,153,000 Thai Baht from 'The Central Budget for Cases of Emergency and Necessity' for AIT. This approval will cover 49 His Majesty The King Scholarships, 25 Her Majesty The Queen Scholarships, 26 Greater Mekong Sub-region Academic and Research Network (GMSARN) Scholarships and 200 Royal Thai Government (RTG) Fellowships for the year 2014. "The budget allocation is a strong signal to our other supporters and friends, indicating that AIT operations have been regularized, and they have entered a golden relationship with the host country," Prof. Worsak said.

nection with India. The camp organized from 5-18 July 2014 exposed the third-year bachelor level engineering students to new technologies and innovations developed by AIT faculty members and other professionals. A special highlight for the UGI students was meeting India's Ambassador to Thailand, H.E. Mr. Harsh Vardhan Shringla, and Member of the AIT Board of Trustees, who visited the campus on July 10 and personally addressed the students.

AUGUST

President Worsak communicates 'State of AIT'



AIT's President, Prof. Worsak Kanok-Nukulchai communicated his thoughts and vision about the 'state of AIT' and the trajectory that it will follow. In an email to the AIT community on 18 August 2014, Prof. Worsak thanked the AIT Board of Trustees for providing him with a "golden opportunity as an alumnus to serve my alma mater at this most critical juncture of history." Prof. Worsak outlined his priorities and the vision of the Chairman of the Board of Trustees.

FAO Asia-Pacific head discusses 2014 Action Plan for Collaboration



Inviting the Food and Agriculture Organization (FAO) to consider AIT as its "academic arm" for the region, AIT President Prof. Worsak Kanok-Nukulchai welcomed Mr. Hiroyuki Konuma, Assistant Director General and FAO Regional Representative for Asia and the Pacific, to the campus on August 24 for detailed discussions on the FAO-AIT 2014 Action Plan for Collaboration. President Worsak invited FAO Regional Office for Asia and the Pacific to be a primary partner of next year's high-level regional conference on climate change to be hosted by AIT in preparation for the global COP 21 meeting in Paris, France.

AIT held in "highest esteem" in Bhutan: Ambassador

AIT is held in "highest esteem" in Bhutan, and is regarded as a Center of Excellence. This was stated by the Ambassador of Bhutan to Thailand, H.E. Mr. Kesang Wangdi, during his visit to AIT on 26 August 2014. The Ambassador complimented AIT for contributing towards international understanding and friendship among nations.



Stanford University pioneer dazzles audience at Robotics talk

The AIT Distinguished Lecture Series kicked off with a talk on "Living with Robots" delivered by Stanford University pioneer Prof. Oussama Khatib on 26 August 2014. Traversing the 50-year journey of robots, Prof. Khatib highlighted how robotics is entering new frontiers. The first of the new series of AIT Distinguished Lectures saw a packed AIT auditorium filled with students and researchers from numerous universities and institutes.



SEPTEMBER

LIBRARY MODERNIZATION

AIT Alumni club of KMUTT donates 500,000 Thai Baht for AIT Library modernization



The AIT Alumni Club at King Mongkut's University of Technology Thonburi (KMUTT), led by Dr. Tongchat Hongladaromp, KMUTT Board Chair, on 12 September 2014 presented a donation of 0.5 million Baht to AIT President Prof. Worsak Kanok-Nukulchai for the renovation and modernization of the AIT Library.

Biggest post-flood books gift from AAPG



AIT received its biggest post-flood library donation with the arrival of 800 boxes of periodicals from the American Association of Petroleum Geologists (AAPG). The shipment arrived from the AAPG, and the 128 titles cover 1200 linear feet of shelving. Coordinating the acceptance was the Coordinator, AIT Library, Ms. Pranee Kiriyanant, and Dr. Pham Huy Giao of School of Engineering and Technology (SET). Dr. Giao thanked AIT alumna, Dr. Peangta Sataruga of Khon Kaen University; and Dr. Jon Blickwede and Dr. Martin Cassidy, Chairman and Vice-Chairman of Publication Pipeline Committee of AAPG for the donation.

Pakistan Higher Education Commission Chairman discusses expanded cooperation



Prof. Mukhtar Ahmed, Chairman of the Higher Education Commission (HEC) of Pakistan, expressed a desire to expand ties with AIT, and offered to host a visit by the AIT President for strategic discussions. He was speaking at a high-level meeting on 19 September 2014 hosted by the Pakistan Embassy in Bangkok. AIT President Worsak Kanok-Nukulchai was joined at the meeting by Professor Emeritus Dr. Sahas Bunditkul, Chairman of the Executive Committee. H.E. Dr. Sohail Khan, Ambassador of Pakistan to Thailand stated that AIT was among the few fully recognized international universities in Pakistan. Earlier, during a visit to AIT, the Ambassador interacted with students of the World Bank-funded Water Resources and Irrigation Technology Management Program.

Something for everyone: President Worsak's interview in the Bangkok Post

AIT President Worsak Kanok-Nukulchai was interviewed by Thailand's Bangkok Post newspaper. Based on the interview, a feature article was published in the Life section of the newspaper on September 3. Titled "Something for everyone," the article was written by Bangkok Post's Senior Writer, Yvonne Bohwongprasert.



OCTOBER

QS Stars and U-Multirank

Under the President’s direction, AIT entered into a contract with the QS Intelligence Unit (QSIU) to perform an audit of AIT’s overall academic activities under its QS Stars program. The QS Stars will allow AIT to better evaluate itself across a wide spectrum of criteria, in order to make the required improvements, as well as to communicate to the world its standings in different areas.

Similar to the QS Stars, AIT is also participating in the U-Multirank 2015, which is an alternate approach to the world university rankings, and more of a rating, funded by the EU. The dimensions it includes are teaching and learning, research, knowledge transfer, international orientation and regional engagement. AIT has submitted the institutional survey and the field-based survey, for AIT’s “Computer Science and Information Management” program is currently on going.

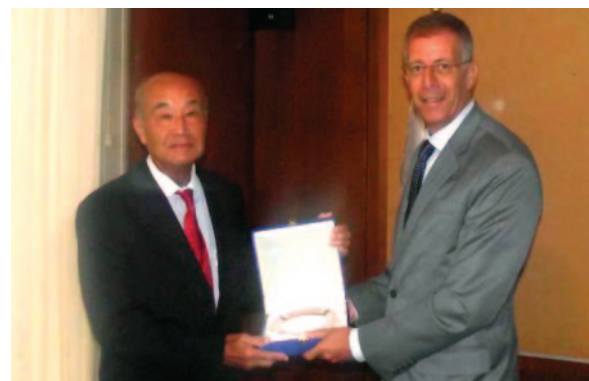


DAAD scholars receive certificates from Germany’s Ambassador to Thailand



Twenty-nine current students from Cambodia, Lao PDR, Myanmar and Vietnam who are recipients of German Academic Exchange Service (DAAD) Scholarships were welcomed to the German Embassy, Bangkok on 15 October 2014 for a special recognition ceremony. Each DAAD scholar received an official scholarship certificate from the Ambassador of Germany to Thailand H.E. Ambassador Rolf Schulze, and the Director of the DAAD Information Center, Thailand, Mr. Johannes Gorbert. “You become a part of the family of German alumni,” said Ambassador Schulze, as he welcomed the students and asked them to maintain close contact with Germany throughout their professional lives.

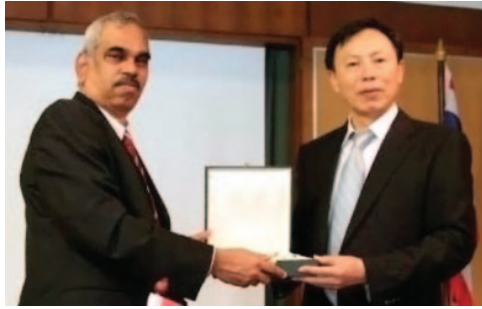
Israeli Ambassador stresses focus on entrepreneurship programs



Ambassador of Israel to Thailand, H.E. Mr. Simon Roded stressed the need for cultivating entrepreneurship in universities. In his maiden visit to AIT on 28 October 2014, the ambassador invited the senior AIT management to visit Israel and experience the uniqueness of Israeli entrepreneurship and its academia-industry incubation programs. In tune with the vision of the Chairman of AIT Board of Trustees, H.E. Dr. Subin Pinkayan, who has proposed an Engineering Leadership and Entrepreneurship Program, H.E. Roded stated that universities are increasingly paying more attention to entrepreneurship, innovation and application-based technologies. The ambassador met with H.E. Dr. Subin Pinkayan, AIT President Prof. Worsak Kanok-Nukulchai, and senior AIT officials.

OCTOBER

AIT invited to join China-ASEAN Education Cooperation Week



AIT has been invited to participate in the China-ASEAN Education Cooperation Week to be held in July 2015 in Guizhou province, People's Republic of China. Inviting AIT was a delegation of officials from the China-ASEAN Center and the organizing committee of the China-ASEAN Education Week. Led by Mr. Liu Baoli, Secretary-General, ASEAN China Education Summit, and former member of the AIT Board of Trustees, the delegation visited AIT on 22 October 2014. The delegation, which was to attend the Southeast Asian Ministers of Education Organization (SEAMEO) Conference, stated that close to 300 agreements had been signed between China and ASEAN Universities.

AIT among two foreign institutes listed by the Government of India

AIT is one of the two foreign institutes listed by the Government of India in its latest listing of technical institutions supported by the Ministry of Human Resource Development (MHRD). Further, it is the only institute outside of India that is listed



under the Government's Externally Aided Projects/International Collaboration (EAPIC) program. Describing AIT as an "autonomous International postgraduate Institute which provides advanced education in engineering, science and allied fields," the MHRD states that AIT is an autonomous institute with its management being entrusted to an International Board of Trustees. It adds that India's Ambassador in Bangkok is a member of the Board of Trustees of AIT. MHRD also provides support to AIT by way of secondment of Indian Faculty for a period of 16 weeks in selected areas of specialization. AIT and the Colombo Plan Staff College for Technician Education (CPSC), Manila, Philippines, are the only international institutes listed on the MHRD website.

UNOCAL Myanmar grants scholarships to two AIT students

UNOCAL Myanmar granted two scholarships to students studying at AIT. Handing over the scholarship cheque to AIT on 27 October 2014, Mr. Mariano L. Vela, President, Unocal Myanmar Offshore Co. Ltd., stated that the scholarships mark the beginning of a partnership with AIT. "The challenges in Myanmar are technological, particularly the issue of hydrocarbon extraction in deep waters," Mr. Mariano said. Institutions like AIT can help in educating students and laying the foundation for tackling such technological challenges, he added. Both scholarship recipients, Ms. Hnin Pann Phyu of Telecommunications field of study, and Ms. May Thazin Kh-



ine of Structural Engineering field of study, who are from Myanmar, thanked the donor for helping them realize their dream of pursuing studies at AIT.

NOVEMBER

Maiden visit by Ambassador of Mongolia



Mongolia’s Ambassador to Thailand H.E. Mr. Battumur Chimeddorj on his maiden visit to AIT on 12 November 2014 revealed that all qualified Mongolian student applicants to AIT who receive an offer letter of admission would now be eligible to avail of government-funded scholarship opportunities. This announcement is a result of the meeting of a senior AIT delegation led by Prof. Worsak Kanok-Nukulchai, which met the Mongolian Minister of Education and Science H.E. Mr. Luvsannyam Gantumur on October 20 during their visit to Ulan Bator. Later, on 24 November, the President of the Mongolian University of Life Sciences Dr. Tumurbaatar Kheruuga paid a visit to AIT.

US unveils Thai-US Creative Partnership and Development Innovation Ventures



A two-member team representing the Thai-US Creative Partnership and USAID visited AIT on 24 November 2014 and unveiled various programs and offerings for possible partnership and collaboration. Coordinator of Thai-US Creative Partnership, Ms. Aine Shiozaki, stated that the Creative Partnership initiative brings together business and government efforts in innovation; increases research and university exchange; and builds bridges between the private sector and academia. Highlighting the “Development Innovation Ventures (DIV)” was Steven Rynecki, Regional Innovation Advisor, USAID Asia. DIV is an open competition, which seeks to support breakthrough solutions, and interventions, Steven said.

40 companies participate in AIT Career Fair



A record 40 companies participated in the Career Fair organized by AIT on 5 November 2014. Participants included 15 companies who were participating for the first time in the biannual event. Four of the 40 participating companies also held interviews to recruit AIT students. The AIT Students Union also organized a Research Exhibition in conjunction with the Career Fair.

AIT-TU-NSTDA Marathon



A joint marathon was organized by AIT, Thammasat University (TU), and National Science and Technology Development Agency (NSTDA) on 14 November 2014. There was very good participation from all three institutions, and also attended by the President of AIT, Rector of Thammasat University, representative of NSTDA.

Thai Military delegations seek AIT partnership



Two senior military delegations from the Thai Military Research and Development Centre (MRDC), and the Thailand National Defence College (NDC) visited AIT in November seeking collaboration with AIT. On 4 November 2014, a ten-member delegation of the MRDC led by its General Director, Rear Admiral Sahapong Kreupetch, visited AIT seeking to tap into AIT's research-based programs. Ambassador Pradap Pibulsonggram, Member, Board of Director, TEAM, also participated in the AIT-MRDC deliberations. On 17 November 2014, a six-member NDC team led by its Director, Lt. Gen. Surasith Thanadthang also sought AIT's expertise and collaboration.

Japan's Vice Minister for Global Environment compliments AIT



Vice Minister for Global Environment, Ministry of Environment, Japan, H.E. Mr. Soichiro Sekhi visited AIT on 26 November 2014, and complimented AIT for taking the lead in organizing a forum on Climate Change in the run up to the Conference of the Parties on Climate Change (COP21). The Minister was accompanied by a high-level delegation including Dr. Hideyuki Mori, President of Institute for Global Environmental Strategies (IGES); Dr. Daisuke Sano, Director, IGES Regional Centre, Bangkok; Dr. Kazuhiko Takemoto, Director, Institute for the Advanced Studies of Sustainability, United Nations University (UNU-IAS); and Prof. Emeritus Mario Tabucanon, former AIT Acting President. H.E. Mr. Soichiro Sekhi hoped that the Government of Japan, AIT, UNU and IGES would jointly work together towards the issue of climate change.

AIT alumnus selected eleventh President of Khon Kaen University



An AIT alumnus, Dr. Kittichai Trairatanasiricha, was reappointed the president of Khon Kaen University. The selection was formalized at the meeting of the Khon Kaen University Council held on 2 November 2014. The announcement was made by Dr. Narongchai Adornseranee, Chairman of the University Council, after listening to the vision statement and presentations of three candidates. Dr. Kittichai received his Master's in Engineering (Agricultural Machinery) from AIT in 1985.

AIT's V-Watch project awarded prize at Thailand's IT Princess Awards Competition



AIT's Vehicle Watch System (V-Watch), a project developed by a team of researchers from Computer Science and Information Management and Industrial System and Engineering, School of Engineering and Technology, received a prize at Thailand's 9th IT Princess Awards Competition in the category of Embedded Applications & Tools. Over 200 software developers participated in the competition organized by the Foundation for Research in Information Technology (FRIT).

AIT signs MoU with Thai TV Channel 3

AIT along with several organizations jointly signed a Memorandum of Understanding (MoU) with Thai TV Channel 3 for sharing academic information for knowledge sharing and news telecast. The MoU was signed on 13 November 2014 between AIT and other partners including the Thai Health Promotion Foundation (ThaiHealth); The Sustainability of Well-being for Thai People; World Health Organization – Violence and Injury Prevention and Disability (VIP) Center; National Institute for Road Safety Thailand; Thai Roads Foundation; Thailand Road Safety Network; National Electronics and Computer Technology Center (NECTEC); Road Accident Victims Protection Co., Ltd.; and BEC News Bureau Co. Ltd.



"AIT Alive at Fifty Five" by AITAA Philippine Chapter

"AIT Alive at Fifty Five", a new commemorative book documenting AIT during its 55-year history, was launched in Manila by the AIT Alumni Association (AITAA) Philippine Chapter. The publication's release took center stage at a special welcome dinner on 21 November 2014 at the 43rd Governing Board Meeting (AITAA) held in the Philippines. Unveiled in the presence of the Thailand's Ambassador to the Philippines H.E. Mr. Prasas Prasasvinitchai, Chairman of the AIT Board of Trustees Dr. Subin Pinkayan, and AITAA President Mr. Thanin Bumrungsap, the book was later signed by former President of the Philippines H.E. Fidel V. Ramos.



Campus vignettes come alive at AIT Video Competition



From the swimming pool to the laboratory; from the endless assignments and tests to playtime; and from late study hours to the international culinary delights at AIT, these were some of the aspects about campus life covered by AIT students in the videos screened at the AIT Short Film Festival. The creative talents of AIT students were on full display during the screening of six videos during the AIT Short Film Festival and Prize Distribution organized on 12 November 2014. Based on the theme "A day in the life of an AIT student," students competed against each other to prepare short videos on their daily life.

Poster exhibition demonstrates student research at AIT



The Student Union Research Exhibition organized on 5 November 2014 not only demonstrated the research capability of AIT students, but also attracted interest from private companies. The array of 18 research posters that adorned the display boards at the AIT Conference Center exemplified the focused research being carried out by students at AIT. A student-led affair, the one-day event coincided with AIT's biannual career fair.

DECEMBER

AIT's 122nd Graduation spans students from 23 countries and four continents

One hundred and ninety eight students from 23 countries spanning four continents were conferred degrees at the 122nd Graduation ceremony of AIT. The 122nd graduation batch included 35 doctoral, 157 Master's, five Bachelor's and one diploma student. Vietnam took the major share of the 122nd graduating batch with 88 graduates, followed by Thailand with 47. Indonesia and Nepal with nine graduates, and Myanmar with eight were the other three top countries. The graduating batch included students from Asia, Africa, Europe and North America. The graduation message was delivered by Mr. Hiroyuki Konuma, Assistant Director-General and Regional Representative for Asia and the Pacific, Food and Agriculture Organization (FAO), while Mr. Ananda Dias,

Regional Coordinator for Asia and the Pacific Environment Assessment and Early-Warning, United Nations Environment Programme (UNEP), delivered the AIT Outstanding Alumnus message.



Former AIT Faculty Welcome invitation to be 'Distinguished Adjunct Faculty'

AIT President Prof. Worsak Kanok-Nukulchai's invitation to all ex-faculty members of AIT to re-engage in the institute as 'Distinguished Adjunct Faculty' was extremely



well received based on the high volume of positive replies received from around the world. In late October 2014, the President invited all ex-faculty "who had AIT in their heart" to complete a survey indicating the form of professional support they could offer. Central to President Worsak's plan was that former faculty could maintain their professional affiliation with AIT by using AIT's ID, business card and email address. In addition, AIT would provide a common office space with full-time secretarial support, whenever former faculty are present at AIT. Although the association will be based on a voluntary basis, 'Distinguished Adjunct Faculty' can be remunerated based on specific services to be rendered to AIT Schools, research projects or other fund generating units by providing course teaching, research, outreach, consulting and developing new academic curricula." The invitation was further extended to AIT alumni, who are engaged in academe.

Alumnus Dr. Yanyong Phataralaoha donates 2.256 Mil Thai Baht for scholarships



Thai Pipe Industry Co. Ltd, Thailand's leading PVC pipe manufacturer, donated three academic scholarships worth 2.256 million Thai baht for students from Laos, Cambodia and Myanmar. Each Master's degree scholarship includes full tuition and registration fees valued at Thai Baht 752,000. AIT doctoral degree alumnus Dr. Yanyong Phataralaoha (IE&M '86), Managing Director, Thai Pipe Industry Co. Ltd., on 16 December 2014 handed over a cheque to the AIT President Prof. Worsak Kanok-Nukulchai.



Internet Hall of Fame’s Steven Huter hands over NSRC gift

AIT was host to another Internet luminary on 17 December when Steven Huter, Director, Network Startup Resource Center (NSRC), University of Oregon, visited the Institute to oversee the handover of 250 Wi-Fi access points. NSRC, which had donated 250 Wi-Fi access points to AIT immediately after the 2011 Thailand flood, gifted 250 more to help augment AIT’s network. The total NSRC donation to AIT now touches USD 100,000. Visiting AIT for the first time after the flood, Steven was greeted by Prof. Kanchana Kanchanasut, AIT’s Vice President for Research, who preceded Steven’s induction to the Internet Hall of Fame by a year.



AGS-Asia Industrial Collaboration workshop

The inaugural Alliance for Global Sustainability (AGS)-Asia Industrial Collaboration Workshop on 1 December 2014 saw experts from AIT, The University of Tokyo, Mitsubishi Rayon, Nitto Denko, and Kasetsart University delivering presentations on the latest scientific advances in wastewater treatment. Organized by AIT Vice President for Resource Development Prof. Kazuo Yamamoto, and co-sponsored by Japan’s Mitsubishi Rayon, the half-day conference attracted 50 participants from Thailand, Japan, and Singapore.



AIT AT A GLANCE

STUDENTS AT A GLANCE

STUDENT ENROLLMENT AND GRADUATES IN 2014

A total of 761 new students joined AIT in 2014. In the January 2014 semester, 87 new students enrolled from 20 different countries, from four main different regions namely South Asia, Southeast Asia, Europe and others. 43% of these students enrolled in the School of Engineering and Technology (SET); 33% in the School of Environment, Resources and Development (SERD); 21% in the School of Management (SOM) and the rest enrolled in interdisciplinary programs. Approximately 40% of the students were women. 36% of the students from the postgraduate programs were self-funded, 26% were supported by external donors and the remaining were under AIT Fellowships. In the August 2014 intake, 674 new students who enrolled were from 32 countries, with all con-

tinents represented except North America. There were nine students from Africa including for the first time a student from Benin; 55% were from Southeast Asia; 38% from South and West Asia and 4% from Europe. Around 63% of these students were enrolled in SET, 24% in SERD and 11% in SOM. The rest were in interdisciplinary programs. 46% of students in the postgraduate programs received full scholarships monitored by AIT, for example the RTG Scholarships (HM King and Queen Scholarship; GMS Scholarships and RTG Fellowship); ADB-JSP Scholarship; Norwegian Government Scholarships, Japan Scholarship and DAAD, Germany. 10% of the students were supported by external funding; 20% were on self-support and 24% under the AIT Fellowship Scheme.

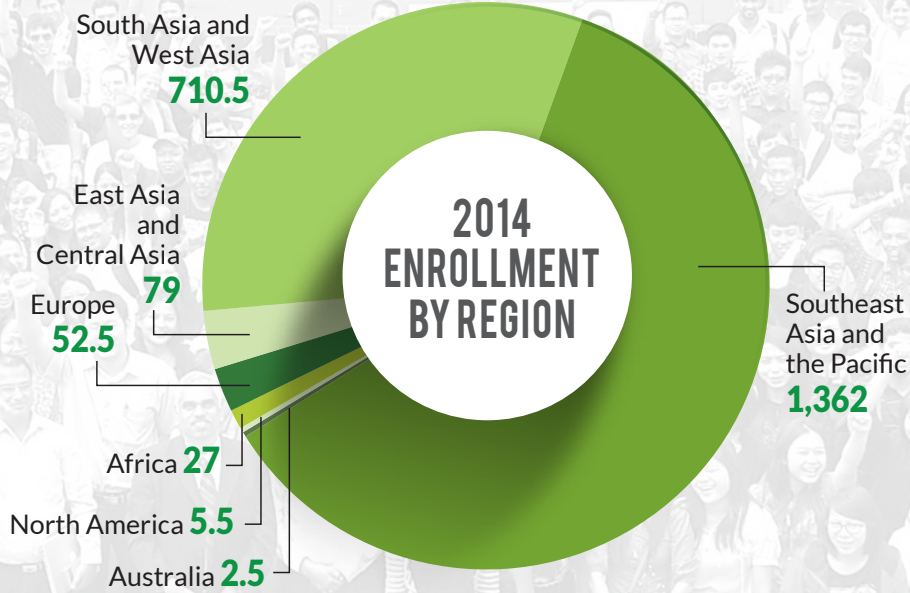
The average total enrollment (new and continuing students) in 2014 was 2,239 from 63 countries. 53% of the students were enrolled in the Master Program; 23% in the Doctoral Program, 20% in the Bachelor program and the rest in other programs. 51% of the students enrolled in SET, 24% in SERD, 23% in SOM and 2% in interdisciplinary programs. The male-female distribution was around 60-40.

A total of 690 students graduated in 2014. Of the 690 graduates, 73% obtained Master and Professional Master degrees, 11% obtained Doctoral degrees, 15% obtained Bachelor degrees and 1 student obtained a Diploma degree.

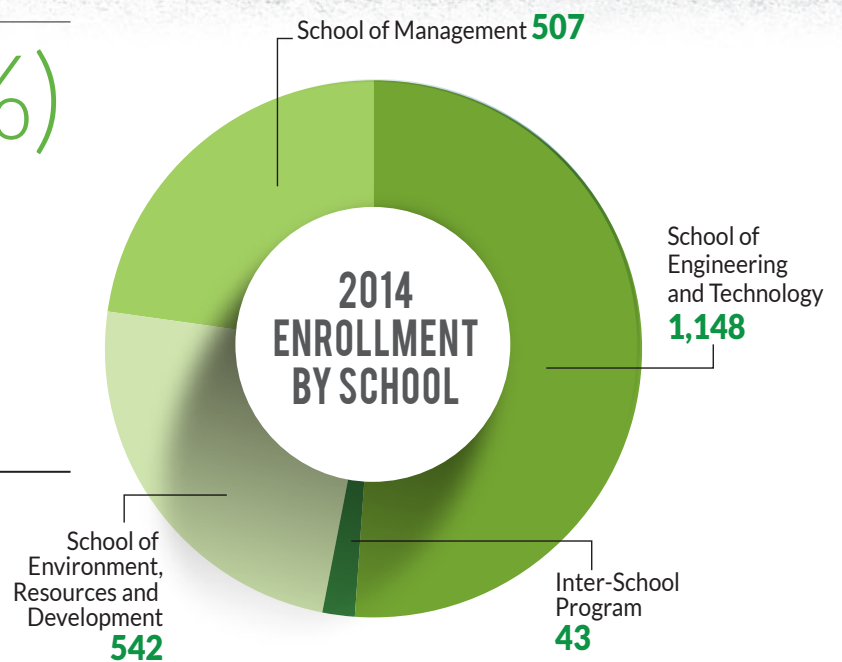


2,239 ENROLLMENT

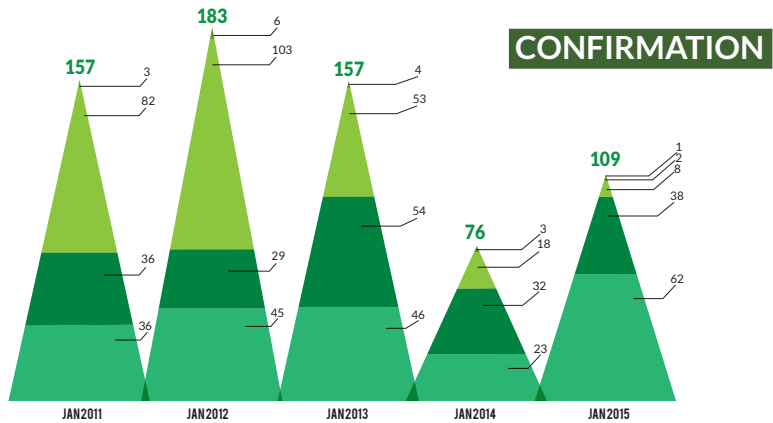
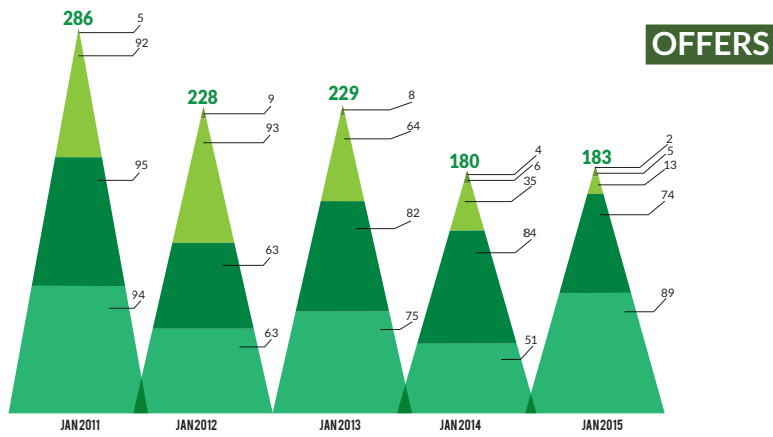
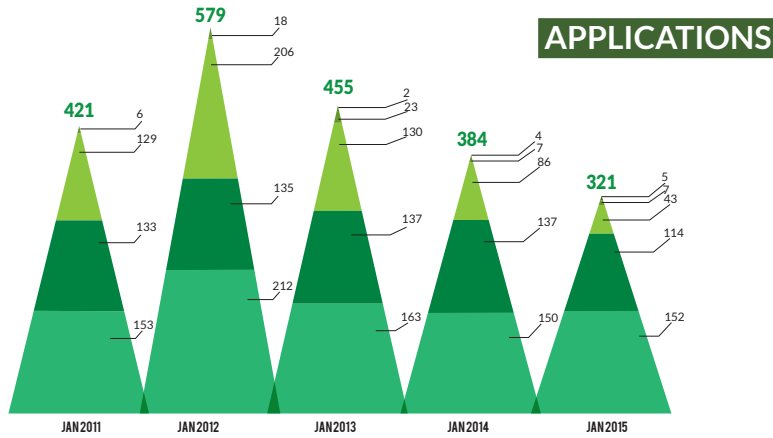
A TOTAL ENROLMENT OF STUDENTS IN 2014



1,668 (75%)
NON-THAI STUDENTS
FROM
57
COUNTRIES



A COMPARISON OF OVERALL APPLICATION STATUS FOR THE JANUARY 2015 INTAKE: 2011-2015 AS OF 24 DECEMBER 2014



▲ School of Engineering and Technology (SET) ▲ School of Environment, Resources and Development (SERD) ▲ School of Management (SOM) ▲ SERD-SET ▲ SERD-SOM

SET	School of Engineering and Technology
CS	Computer Science
IM	Information Management
CEIM	Construction, Engineering and Infrastructure Management
DME	Design & Manufacturing Engineering
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
CSR	Corporate Social Responsibility
DBA	Doctor of Business Administration
EMBA	Executive Master's in Business Administration
FBIM	Finance, Banking & Information Management
IB	International-Business
MOT	Management of Technology
PHD	Doctor of Philosophy
SERD-SOM	
EBM	Energy Business Management

CAREER CENTER AND STUDENT AFFAIRS

40 NUMBER OF COMPANIES THAT ATTENDED THE AIT CAREER FAIR ON 5 NOVEMBER 2014

31 NUMBER OF STUDENT ISSUES HANDLED AND RESOLVED IN THE AUGUST 2014 SEMESTER AS OF 24 DECEMBER

STUDENT RESEARCH BY SCHOOL/FIELD OF STUDY (FOS) AND BY TYPE

SCHOOL/FoS	DOCTORAL STUDENT DISSERTATION	MASTER'S STUDENT RESEARCH				TOTAL MASTER'S STUDENT RESEARCH	UG STUDENT CAPSTONE PROJECT
		Thesis	Research Studies	Projects	Internships		
SET	29	107	26	44	2	208	106
CEIM	4	15		44			
CIE							
CS	4	5	2				
EL							
IEM							
GTE	1	11	13				
ICT		5	1				
IM		5	5				
IME	1	5					
ME	3	13					
MES		4					
MI							
NT	1						
OTM		3			2		
RSGIS	7	8					
STE	1	8					
TC	2	2	4				
TE	1	7	1				
WEM	4	16					
SERD	35	141	2	0	0	178	0
AARM		5					
ABM		4					
ASE	4	9					
CCSD		4					
E	5	21	2				
EEM	7	26					
FEBT	1	11					
GDS	2	11					
NRM	5	12					
PPT		7					
RRDP	6	22					
UEM	5	9					
UM							
SOM	12	0	13	118	0	143	0
BA			13	12			
BF				1			
CSR				9			
DBA				96			
EMBA(V)							
FBIM(V)							
IB	1						
MOT	2						
SM-PHD	9						
SET & SERD	2	16	0	0	0	18	0
DPMM		6					
UWEM	2	10					
SERD & SOM	0	0	3	0	0	3	0
EBM			3				
TOTAL	78	264	44	162	2	550	106

AIT AT A GLANCE

AIT PROJECTS AT A GLANCE



RESEARCH 2014 - AN OVERVIEW

AIT research provides underlying strength to AIT's academic programs and students benefit greatly from the experience of working on research projects, which enhance their horizons and refine the quality of research capabilities. The outcomes through publications reinforced AIT's commitment to enhancing the quality of its research thereby contributing to its leading role in the region's sustainable development. AIT has strived to nurture and support interdisciplinary-based activities to help motivate and explore new ideas that address ever-changing needs and challenges. The broadened research focus has integrated ways of working by combining research, teaching, learning, and outreach. The focus on networks and partnerships has seen the development of joint initiatives that have endeavored to enhance collaborations with donor agencies and stakeholders. There were also direct interactions and visits with donor agencies and stakeholders that have led to the initiation of research dialogue and project collaborations.

The rapidly changing needs of the region coupled with evolving funding mechanisms has broadened the scope of AIT research and motivated the successful implementation of interdisciplinary-based activities. AIT has, for these past few years, attempted to co-ordinate institute wide research teams and taken up challenges of large international projects which have placed AIT on the global stage.

Despite numerous challenges, the Institute has been able to ensure the continuity of research and development through the whole-hearted commitment of its faculty and staff towards the realization of the project objectives and activities. Overall, during the period January – December 2014, a total of 404 sponsored and contracted projects with a budgeted value of 1,693,278,305.34 Thai Baht were conducted by the faculty and staff from within the Fields of Study (FoS) of the three schools; School of Engineering and Technology (SET), School of Environment, Resources and Development (SERD), and School of Management (SOM), as well as at AIT Extension, Internet Education and Research Laboratory (IntERLab) and Institute-wide projects.

RESEARCH POLICY & PROCEDURES CONSULTATION

To improve on research productivity from AIT faculty members, it was decided to review the Policy & Procedures related to research activities and projects in order to help facilitate research activities and broaden the scope of collaborations. A consultative approach was adopted whereby key principal investigators were invited to obtain suggestions and ideas on the needs and scope for research-based activities. Consequently, related P&P have been revised based on the recommendations. It was deemed appropriate to recognize the indirect contribu-

tions to the institute by researchers through projects. Two awards were given annually, namely the **AIT Distinguished Researcher Award** to honor faculty/staff involved in projects.

RESEARCH SUPPORT AND PROMOTION

The following activities are being implemented to strengthen AIT's position to attract research funding and assist its researchers to keep abreast with the rapidly changing environments.

- ▶ **R&D Tax Deduction Scheme:** To attract research grants from industry, the Royal Thai Government had initiated a 200% tax deduction scheme for the private sector that sponsor research projects to those research organizations listed with the Revenue Department, Ministry of Finance. An application was launched to the Revenue Department of the Ministry of Finance, which was successful in listing AIT under the 200% R&D Tax deduction scheme.
- ▶ **Supporting researchers:** To provide support for researchers with up-to-date tools and technologies, the first such initiative in ICT for research was a workshop on "Wireless Sensor Networks Workshop," which was conducted in December. The workshop aimed to provide the research community with new technology options leading to deploying ICT for real-time data collections.
- ▶ **SMART City/Community Showcase:** The Vice President for Research put together technologies and expertise from AIT to demonstrate a smart community concept with energy consumption, smart transportation, sanitation system and environmental monitoring as well as ICT enabled business and community planning and development. This is a new initiative, which brings together research outcomes of AIT to a single demonstrable platform. Partners and funding agencies are being approached. Partnership with NSTDA is being explored.

MAJOR GRANTS AND SUCCESSFUL COLLABORATIONS

AIT successfully received yet another significant research grant from **Bill & Melinda Gates Foundation** for the project titled "Development and Dissemination of Fecal Sludge Management Toolkit for Investors, Planners and Consultants". The project aims to accelerate the effective and sustainable implementation of fecal sludge management projects in the urban poor communities where disposal of their excreta still relies upon non-sewer sanitation systems. The project has a budget of 737,260.00 USD and entails a global access commitment.

AIT and a consortium of 13 partners headed by UNEP and UNIDO have successfully performed activities under

the initial SSFA agreement of the **UNFCCC Climate Technology Centre and Network (CTCN) Project:** valued at 3.9 million Thai Baht in the areas of Water and Forestry. The project would move on to the next phase with a project cooperation agreement of a budget value of around 500,000 USD in early 2015. This is being finalized as part of the activities under the Center of Excellence on Sustainable Development in the Context of Climate Change (SDCC), which promotes institute wide interdisciplinary research based activities.

In its continued partnership with **The Japan Aerospace Exploration Agency (JAXA)**, AIT successfully received two grants. The first project for jointly support work on JAXA's responsibilities regarding Disaster Response Related Activities has a budget of 2,344,752 Thai Baht and the second project is to implement the JAXA's Capacity Building Activities of the Asian Nations with a budget of 5,725,101 Thai Baht. This reinforces the long-standing collaboration of AIT with JAXA.

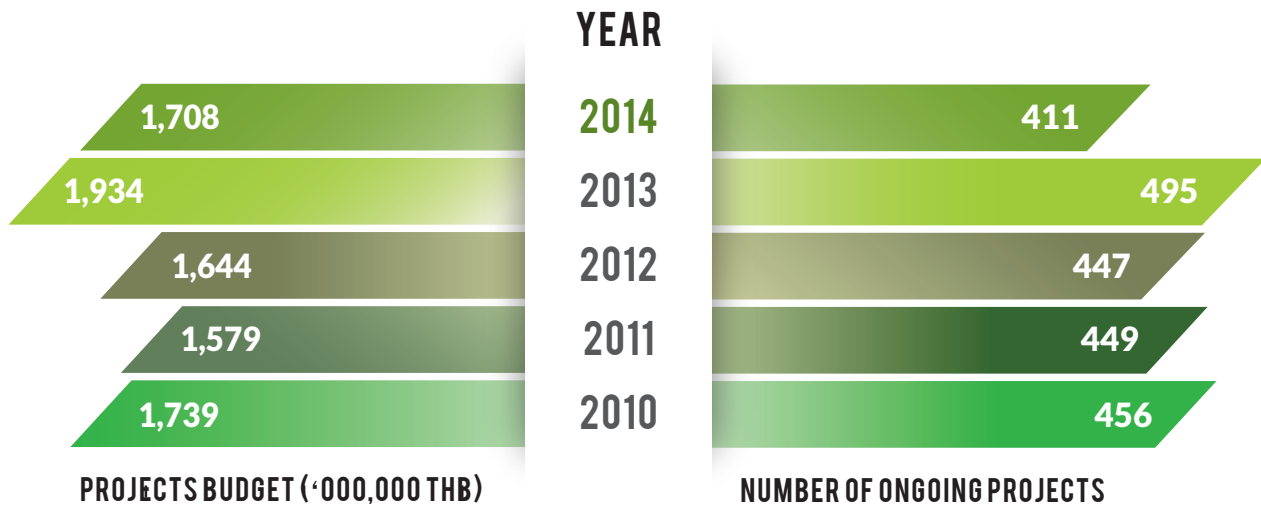
Amongst its collaborations with the private sector AIT successfully received a research grant from the **Nam Ngum 2 Power Company Ltd.** for the project titled "Hydraulic Model Study of the Overflow Spillway for Nam Bak 1 Hydroelectric project". The project has a budget of 5,546,000 Thai Baht and aims to optimize and satisfy the design criteria of the spillway.

AIT successfully received a project grant from the **Bangkok Metropolitan Administration** towards the Development of the Accident Database. The project has a budget of 4,400,000 Thai Baht and aims to be implemented by early 215.

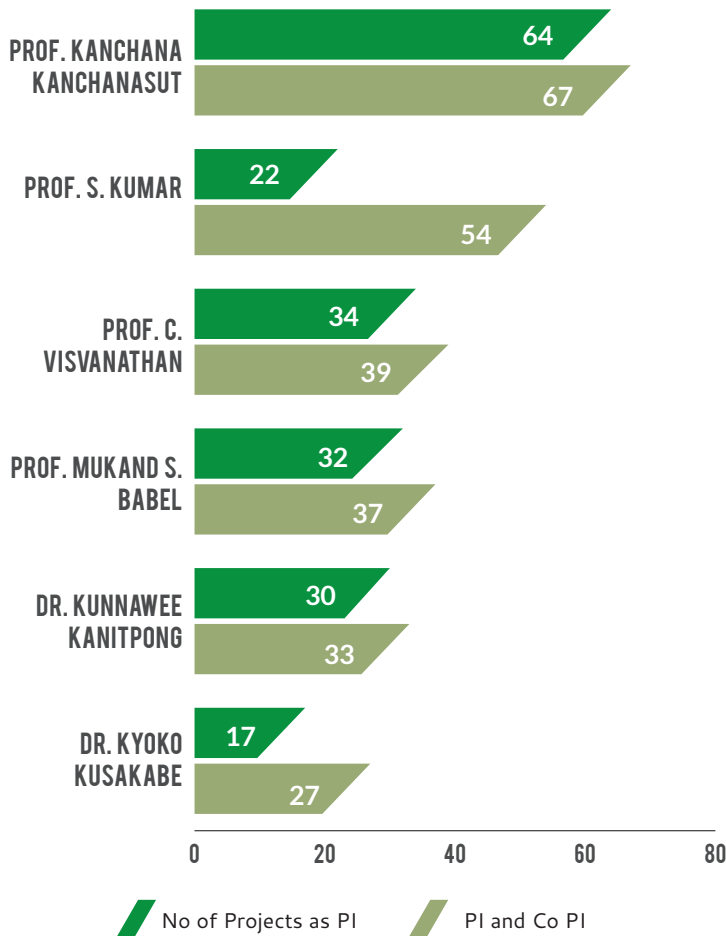
AIT successfully received a project grant from the **Agricultural Research Development Agency**, Thailand for a Feasibility Study to Industrialize the Direct Rice Seeding Machine. The project has a budget of 3,867,710 Thai Baht and aims to be implemented by the end of 2014.

AIT in its continued endeavor to broaden its research network has successfully initiated a joint collaboration with the **Korea Institute of Science and Technology** for the project titled "Development of Innovative Technology and Integrate management systems for sustainable sanitation in ASEAN". This 2,420,000 Thai Baht project aims to reinvent sanitation technologies across the ASEAN region.

ONGOING PROJECT NUMBERS AND BUDGET 2010-2014

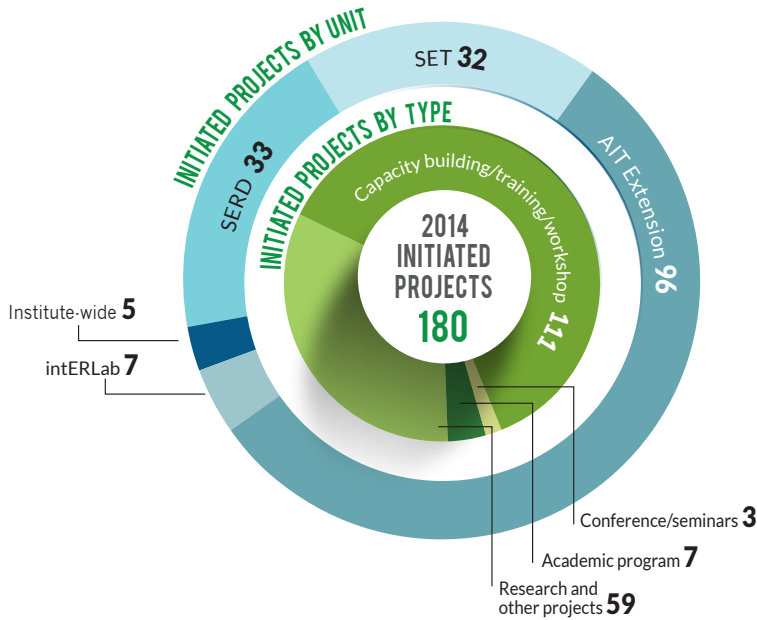


TOP RESEARCHERS WITH THE HIGHEST NUMBER OF PROJECTS INITIATED IN 2006 - 2014



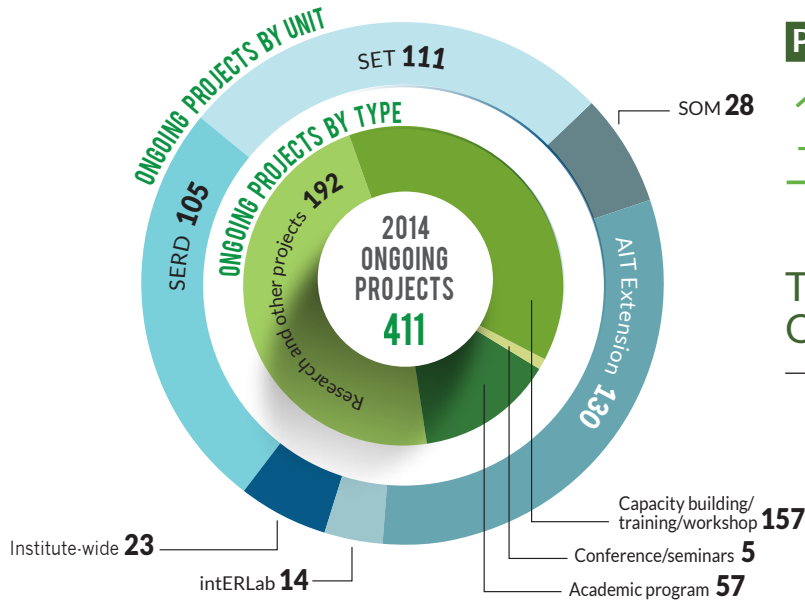
TOP SCOPUS CITATIONS

1. On the acceptability of arguments and its fundamental role in nonmonotonic reasoning, logic programming and n-person games (Cited 1,486 times) 1995; Artificial Intelligence; Dung, P.M.
2. Developments in industrially important thermostable enzymes: A review (Cited 477 time(s)) 2003; Bio resource Technology; Haki, G.D., Rakshit, S.K.
3. Direct solid-liquid separation using hollow fiber membrane in an activated sludge aeration tank (Cited 335 time(s)) 1989; Water Science and Technology; Yamamoto, K., Hiasa, M., Mahmood, T., Matsuo, T.
4. An abstract, argumentation-theoretic approach to default reasoning (Cited 288 time(s)) 1997; Artificial Intelligence; Bondarenko, A., Dung, P.M., Kowalski, R.A., Toni, F.
5. An analytical approach for DG allocation in primary distribution network (2006) International Journal of Electrical Power and Energy Systems, Cited 278 times, Acharya, N., Mahat, P., Mithulananthan, N.



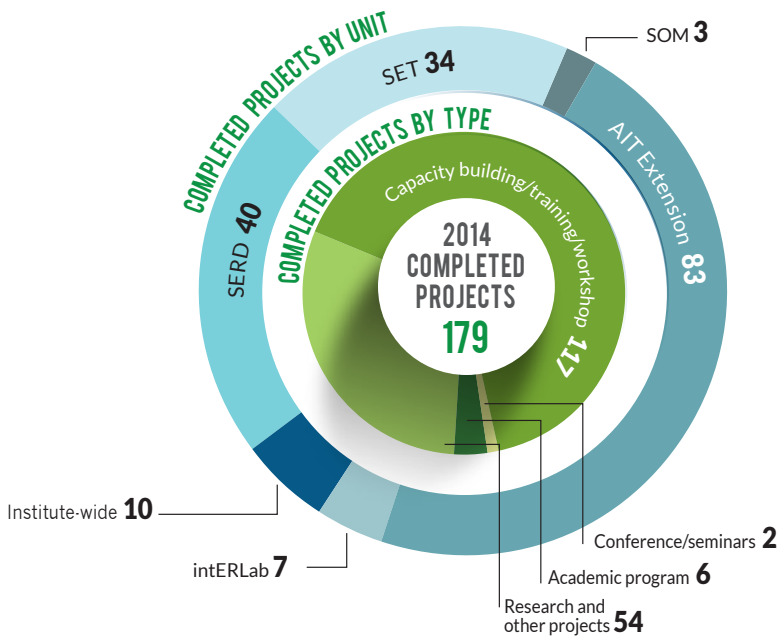
PROJECTS INITIATED IN 2014

306 MILLION THAI BAHT
TOTAL PROJECT BUDGET OF INITIATED PROJECTS



PROJECTS ONGOING IN 2014

1.7 BILLION THAI BAHT
TOTAL PROJECT BUDGET OF ONGOING PROJECTS



PROJECTS COMPLETED IN 2014

364 MILLION THAI BAHT
TOTAL PROJECT BUDGET OF COMPLETED PROJECTS

AIT AT A GLANCE

FACULTY AT A GLANCE

2014 FACULTY FIGURES

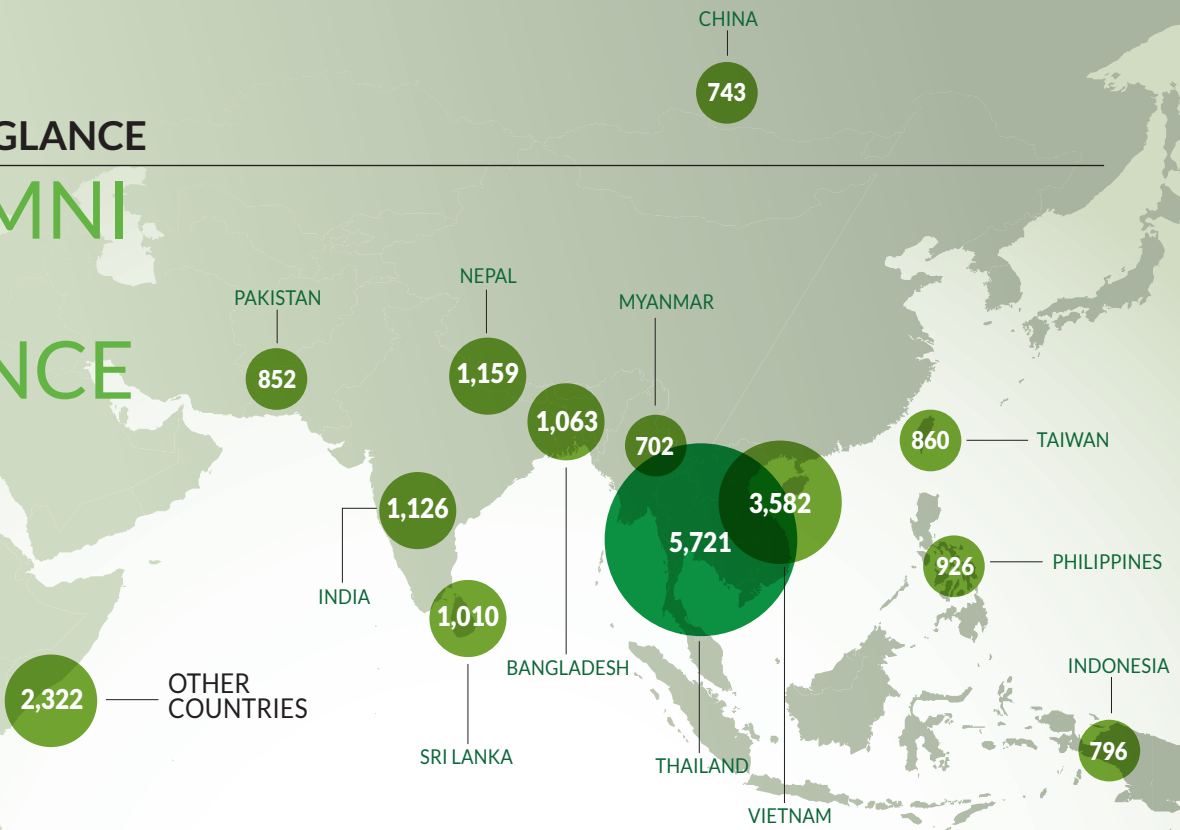
Faculty	Faculty Headcount	Faculty Strength in FTE*	Students	Student-to-Faculty (FTE) Ratio
	Annual Average			
SCHOOL OF ENGINEERING AND TECHNOLOGY				
Full-time Faculty	28.5	28.5	1,117 ¹	14.9 ¹
Visiting Faculty >1y	6	6.0		
Visiting Faculty <1y	16	8.0		
Adjunct Faculty	128	32.0		
Total	178.5	75		
SCHOOL OF ENVIRONMENT, RESOURCES AND DEVELOPMENT				
Full-time Faculty	29.5	30	510	11.9
Visiting Faculty >1y	3	3.0		
Visiting Faculty <1y	9	4.5		
Adjunct Faculty	24	6.0		
Total	65.5	43		
SCHOOL OF MANAGEMENT				
Full-time Faculty	6.5	6.5	491	19.6
Visiting Faculty >1y	4	4.0		
Visiting Faculty <1y	8	4.0		
Adjunct Faculty	43	10.8		
Total	62	25		
ASIAN INSTITUTE OF TECHNOLOGY				
Full-time Faculty	64.5	65	2,159 ¹	15.1 ¹
Visiting Faculty >1y	77.5	13		
Visiting Faculty <1y	33	17		
Adjunct Faculty	195	49		
Total	306	143		

* 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.

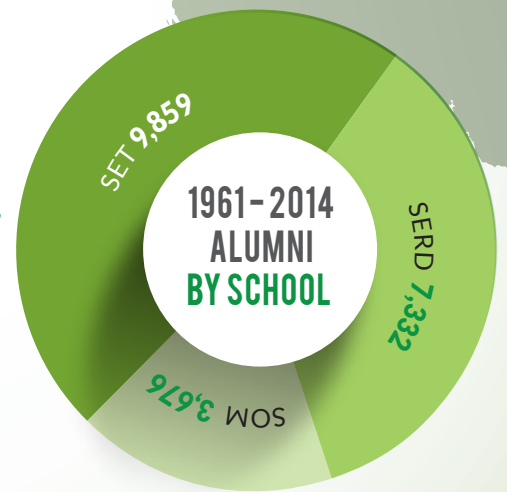
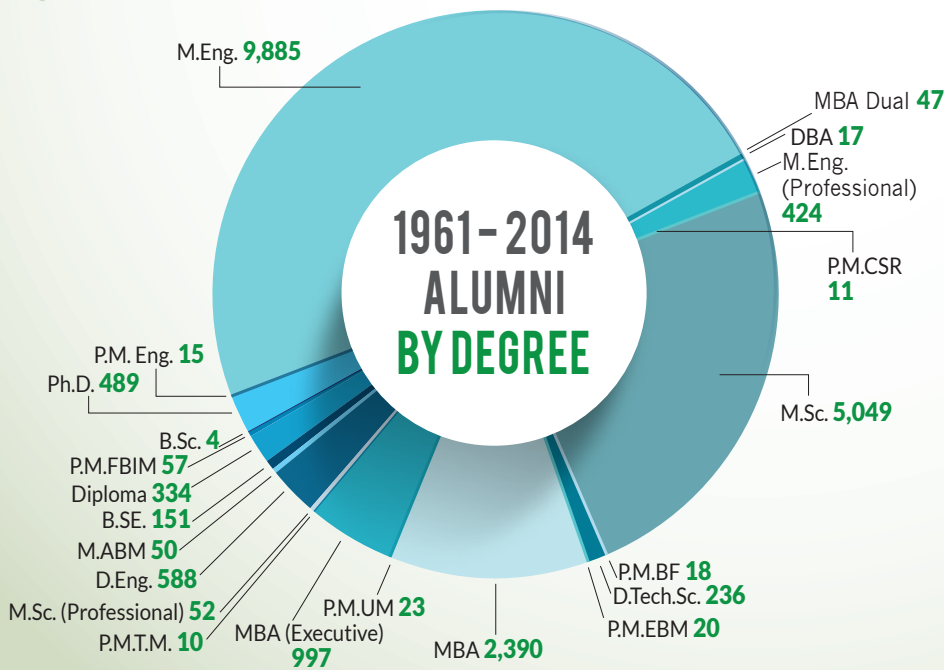
¹ Including 41 inter-School degree program students

AIT AT A GLANCE

ALUMNI AT A GLANCE



1961-2014 ALUMNI BY COUNTRY



1961 - 2014 ALUMNI BY DEGREE, SCHOOL AND GENDER

2014 ACTIVITIES & ACHIEVEMENTS

ACADEMIC DEVELOPMENTS

The Academic Senate (AS) of the Institute is responsible for making recommendations to the president for developing policies and conducting academic programs, reviewing and establishing curricula, awarding of degrees and diplomas, evaluating faculty productivity and performance. It also makes recommendations through the President to the Board nominations for the Honorary Doctorate degree. During the Year 2014, the Chairperson Prof. Jayant K Routray followed by Prof. Rajendra P Shrestha from June 2014 led the Academic Senate.

The Academic Senate met once every month in the year 2014 as per its scheduled meetings, of which the meetings in the month of May and December were specifically to review the students' progress, which culminated in awarding of degrees to a total of 690 students in year 2014 (429 students on 23 May, 63 students on 30 July 2013 and 198 students on 17 December 2014) who had satisfied all the requirements of their respective degree programs. These students completed their programs at the institute's three Schools, namely School of Environment, Resources and Development (SERD), School of Engineering and Technology (SET) and School of Management (SOM). These students hailed from around 36 countries spanning five continents from Asia, Europe, Africa, North and South America.

In addition to the students enrolling in AIT's regular post graduate program, 55 students from India joined AIT's International Integrated Master Degree Program; 12 students from Sri Lanka's South Asian Institute of Technology and Management (SATIM) joined AIT's program in Bio Systems Engineering, and 160 students joined AIT from partner institutes in Sri Lanka, Myanmar and Nepal to complete their third and fourth years of the Bachelor's program. Also, 7 students were admitted to –the AIT Undergraduate Program. The institute also welcomed a group of 59 students and 2 faculty members from nine campuses of India's United Group of Institutions (UGI) who attended a two-week Summer Education Camp at AIT. The camp introduced third-year bachelor

level engineering students to new technologies and innovations developed by AIT faculty members and other professionals.

In the Year-2014, several new initiatives were realized as follows:

- ▶ **Research Initiation Grant** was initiated as a new venture of the Vice President Academic Affairs, whereby newly appointed faculty members were provided with seed money for initiating projects at AIT. Three faculty members benefited from this scheme by receiving a grant totaling to 150,000 Thai Baht.
- ▶ **Office of the Special Degrees Program (SDP)** was es-



established in July 2014 to replace the 'Office of the Unified Degrees Program' with Prof. Nitin K Tripathi appointed as its Director. This office will serve as contact point in the operations of all SDPs at partners' universities and will be responsible for the five-year International Integrated Master's Degree Program (IIMDP), and similar partnership programs. The Director will help the AIT Schools develop unified degree programs (Bachelors+Master's and Master's+Doctoral), other Joint/ Dual Degrees Programs, and in future possibly AIT's Massive Open Online Courses (MOOCs).

- ▶ The move to re-engaging former faculty members at

the institute as '**Distinguished Adjunct Faculty**' was well received with positive response. Although the association is based on a voluntary basis, 'Distinguished Adjunct Faculty' can be remunerated based on specific services to be rendered to AIT Schools, research projects or other fund generating units, by providing course teaching, research, outreach, consulting and developing new academic curricula.

- ▶ Launching of '**Doctoral Program in Energy Business**' was endorsed. This is an existing program, which up until now had been offering professional and master programs only.
- ▶ **Specific conditions to allow AIT's One-Year Professional**

Masters graduates to pursue doctoral studies at AIT were included in the P&P on 'Professional Masters Program'.

- ▶ **Task Force on MOOCs** – The Academic Senate formed a task force on possible use of Massive Open Online Courses (MOOCs) at AIT. The report was forwarded to AIT Management for its consideration.

- ▶ **Curriculum Review Exercise** – The Academic Senate announced the initiation of an across-the-board curriculum review exercise in its last meeting of the year 2013. It endorsed the use of four templates for the purpose, and its standing committee, the Academic Development Review Committee (ADRC), was tasked to come up with additional templates for course and program learning outcomes, which were provided to all faculty members in February 2014. The course outline template was also revised with inclusion of learning outcomes, time distribution and study load, and teaching and learning methods. However, the curriculum review exercise could not be completed by the end of the Year-2014, and will be continued in the following year.



OUTREACH

SCHOOL OF ENGINEERING AND TECHNOLOGY

Asian Center for Soil Improvement and Geosynthetics (ACSIG)

Main Task: *Quality control test for geosynthetics*

In response to the demand of the market for quality control and quality assurance of Geosynthetic products, Asian Center for Soil Improvement and Geosynthetics (ACSIG) provides research and commercial testing in support to the private industries and government agencies. The geosynthetics such as PVDs, geotextiles, geomembranes, and geogrids and geosynthetics clay liner were tested following the ASTM and BSI testing standard to contribute in advancing the innovative use of soil improvement in geotechnical applications. Moreover, laboratory testing facilities and information were made available to student researches related to soil improvement and Geosynthetic applications.

ACSIG was actively involved in the geosynthetics laboratory test projects in Thailand from Marine Department, Department of Highways, Department of Rural Roads and Department of Public Works and Town & Country Planning. In addition, ACSIG has been effectively performed testing for soil improvement projects from Asian countries.

ACSIG Laboratory Facilities

Universal Testing Machine, Permeability Test, Thickness and Mass per Unit Area Test, Apparent Opening Size Test, Discharge Capacity Test, and Modified Discharge Capacity Test.

Center of Excellence in Nanotechnology

The Nanotechnology Program at AIT consists of a research center (the Center of Excellence in Nanotechnology or COEN) and an academic field of study that is directly under the auspices of the School of Engineering and Technology. A new director was appointed in April 2014 with the intent of expanding the program and establishing an institute-wide center that supports research and development with AIT schools (SET, SERD and SOM), AIT Extension, AIT Centers such as the Asian Center of Innovation for Sustainable Agriculture Intensification (ACISAI), the Center of Excellence in Sustainable Development in the Context of Climate Change (SDCC), and others. In addition to internal activity, the Nanotechnology Program intends to expand its outreach with other universities in the region as well as with industry. The Nanotechnology Program focuses on the following research areas: agriculture (e.g. nano-encapsulated pesticides, fertilizers), energy (e.g. reduced CO₂ footprint), and environmental mitigation (e.g. environmental anti-biofouling coatings). Following complete reorganization of the laboratory and the office and placement of new personnel, the Nanotechnology Program accepted students in August 2014. From the point of view of outreach, new models are required to adapt to changing times and the Nanotechnology Program at AIT will play an active role in spearheading innovative paths of interaction with industry. The COEN has been established as an institute-wide research center, the first at AIT. Plans are in the works to create an interdisciplinary academic program working through the Nanotechnology Program.

Regional Network Office for Urban Safety

The Regional Network Office for Urban Safety (RNUS) is a collaborative center jointly operated by the School of Engineering and Technology, Asian Institute of Technology, and the International Center for Urban Safety Engineering (ICUS), Institute of Industrial Science, The University of Tokyo (UT). RNUS was founded in 2002 to promote research and educational activities for improving urban safety and disaster prevention in Asian countries by promoting collaborative research with various organizations in areas of urban safety engineering.

RNUS main focus is developing innovative technologies such as numerical models and geospatial technologies for managing urban infrastructures, mitigating urban disaster risk and environmental problems, and adapting climate change for sustainable development in Asian cities and the Mekong River basin.

<http://rnus.ait.ac.th/>

Thailand Accident Research Center

Main Task: *Road Accident Investigation*

As the center of excellence in road safety in the Asia-Pacific region TARC has been conducting a scientific approach of road accident investigation and reconstruction study. TARC has been actively involved in accidents investigation to inspect accident site, gather evidence and also to determine the causes of accidents and answer how and why they occurred. The report per each accident included the general information of crash, pre-crash speed by crash deformation and the contributing factors, as well as

injury level have been prepared. To disseminate accidents' in-depth information to the public, and stakeholder organizations, the reports are made available in the TARC website.

Project Activities: *Motorcycle Accident Analysis: Phase II (status: completed)*

In cooperation with Yamaha Corp., TARC initiated an in-depth research on motorcycle accidents in Thailand. The project included detailed analysis on both Macroscopic and Microscopic motorcycle accident data and the simulation of motorcycle accident patterns. As the outcome of the macro-analysis of motorcycle crashes (Phase I), TARC has identified three types of collision pattern encapsulating most of the motorcycle accident cases in Thailand requiring further in-depth study to determine the countervailing measures. Therefore, the main objective of this research in phase II was to build on the continuation of Phase 1 activities

and conduct the further in-depth motorcycle accident investigation and reconstruction on the selected scenarios of accident types. A micro in-depth study of motorcycle crashes in the proposed collision patterns conducted in Phase II that provided a better understanding of the causes of these crash patterns.

Altogether, 48 motorcycle accident cases were investigated in phase II and statistical analyses of these accidents were carried out at the end of the project. Such analysis provided information to address accident problems including identification of contributing factors in motorcycle accident causation and motorcycle accident injuries. TARC prepared a final report that documents the results and findings from Phase II that includes details of investigated case and statistical analysis. Final presentations about motorcycle accident research in Thailand were made at the headquarter of YAMAHA Co., Ltd, Japan.

The outcome of this extended phase enabled Yamaha Motor Co., Ltd to learn characteristics of motorcycle accident patterns in ASEAN countries, especially Thailand. It helps continue high quality research and development to invent innovative safety equipment to increase active safety to prevent or reduce the occurrences of motorcycle accidents or passive safety to minimize severity of motorcycle accidents.

Asian Center for Transportation studies (ACTS)

ACTS activities include, modules on intelligent transportation systems, traffic simulation, transport logistics, urban road safety and road safety audit.

SCHOOL OF ENVIRONMENT, RESOURCES AND DEVELOPMENT

Centre for Aquaculture Development (Aqua-Centre)

This Centre has been established within the School of Environment, Resources and Development to:

1. Bring several scattered projects and activities associated with Aquaculture under a strong management system
2. Make AIT a strong base to coordinate development activities and extension services to promote appropriate technologies required for rural community development as well as growth of the commercial sector worldwide in the field of aquaculture.

This Centre provides services to facilitate aquaculture innovations and technology development to increase productivity and profitability. The major activities conducted are:



1. Training
2. Study Tours
3. Aqua-Internship opportunities
4. Sponsored Projects
5. Research, Product development and Testing
6. Consultancy

Visit <http://aarm-asialink.info/> for Aqua Centre and its activities.

Follow on : <https://www.facebook.com/groups/aqua.centre/>

INTERNET EDUCATION AND RESEARCH LABORATORY (INTERLAB)



The Internet Education and Research Laboratory (intERLab)'s main strength is based on Mobile Ad Hoc Network (MANET) technology and applications triggered by its Digital Ubiquitous Mobile 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 Emergency Communication Networks, Vehicular Ad hoc Networks (VANET), and Community Wireless Mesh Networks (CWMN).

In 2014, intERLab further advances and aims its CWMN research framework towards Information and Communication Technology for Development (ICT4D). intERLab's staff members lead the deployment of "Chiang-Rai MeshTV", a project to deploy the first high-definition video-on-demand (HD-VoD) streaming system for rural hill-tribe people living in an area that has limited internet access and relatively-low internet literacy. One of the goals is to let the rural people use the easy-to-understand high-definition video on demand system that can help improve education and quality of life. Chiang-Rai MeshTV is sponsored by the Information Society Innovation Fund (ISIF-Asia). Meanwhile, intERLab also supports and expands the ongoing community wireless mesh network deployment in rural Tak province (also known as Tak-net) through the support of the Thai Network Information Center (THNIC) Foundation. Both the Chiang-Rai MeshTV and TakNet projects further advance intERLab's research in Mobile Ad hoc Network (MANET) that is put to practical use in ICT4D.

In partnership with the Network Startup Resource Center (NSRC), USA, and the Asia Pacific Network Information Center (APNIC), Australia, IntERLab also leads human resource development (HRD) and

capacity building for Internet infrastructure engineers. In 2014, intERLab's workshops focused on internet technologies that include basic routing, network security, introduction to Multi-Protocol Label Switching (MPLS) and the Trans Eurasia Information Network's Network Operation Center (TEIN NOC). In December 2014, with the help from the NSRC, USA, and the Abdus Salam International Centre for Theoretical Physics (ICTP), Italy, intERLab organize, its first Wireless Sensor Network (WSN) workshop that pursues hands-on, realistic deployments in aquaculture, agriculture and in buildings. The workshop also provides its participants a futuristic glimpse into the field of the Internet of Things (IoT) that can be highly beneficial to the Asia Pacific economies.

In November 2014, intERLab, in cooperation with ACM SIGCOMM, successfully organized the tenth Asian Internet Engineering Conference (AINTEC 2014) in Chiang Mai. AINTEC provides an international technical forum for experts from both industry and academia. AINTEC discussed internet technologies that are relevant with the Asia and Pacific region. AINTEC attracts a number of high quality and recent research results from international researchers.

IntERLab continues to provide campus-wide IT networking services to AIT faculty, staff, students. Internet-based distance education has remained one of the key research topics at intERLab where currently intERLab is focussing on methodology to improve and scale classroom-video conferencing.

AIT EXTENSION

AIT Extension is the continuing, professional and executive education arm of AIT, with a mission that complements that of the Schools. It specializes in customized short courses for practicing professionals, and has expertise in designing and implementing programs for diverse clients in many sectors. Expert resources include internal staff, AIT faculty members, and experts in relevant fields based in Thailand and the region.

In 2014, AIT Extension ran almost 100 courses for more than 1,300 participants. Net revenues were just over Thai Baht 100 million, with a surplus of more than Thai Baht 13 million. This performance compares favorably with previous years, and reflects the importance of outreach to the delivery of AIT's mission.

Highlights

National Foundation for Persons with Disabilities, Ministry of Social Welfare, Bangladesh:

AIT Extension is working with the Ministry of Social Welfare of the Government of Bangladesh and the Jatiyo Protibondhi Unnayan Foundation (JPUF), a national foundation for persons with disabilities, to deliver a series of courses and work attachment activities for government officials, staff and physiotherapists working under JPUF. The program of work includes managers, and chiefs of comprehensive service centers for persons with disabilities working at the district level. The collaboration is part of a World Bank-funded project, scheduled to end in 2016, that aims to enhance service delivery for persons with disabilities in Bangladesh. AIT Extension has worked closely with specialized institutions in Thailand, including the Rajanukul Institute and the Sirindhorn Medical and Rehabilitation Center, to develop and design training activities according to requirement of JPUF.



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 seven Advanced Faculty Professional Development Programs on Ensuring Training Effectiveness for around 210 faculty members and administrators from public universities in Pakistan. The program supports 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.

Advanced Management Visit Program:

The AMVP has been a popular offering in Pakistan since it was launched in 2012. Distilled from our experience with senior cohorts, the AMVP is designed as a peer-learning program for decision-makers representing the public, corporate and social sectors, exposing them to topic-specific management-level discussions with counterparts in third-country host

organizations. Participants emerge with an understanding of relevant issues material to the selected topic, and how they are addressed across diverse policy and regulatory environments, management cultures, and operational frameworks. The strength of the AMVP is its focus on weaving participant experience into the learning process, employing expert-facilitated peer discussions within a real decision-making unit, and synthesizing learning outcomes from unique perspectives through an iterative process of reflection and plenary review. Each AMVP is custom-designed to respond to client-defined management needs. Host institutions are chosen to illustrate similarities and differences with participants' own decision-making environments. The eight AMVPs scheduled during 2014-5 span topics as diverse as Quality in Higher Education, Research Commercialization, Hydropower Financing, and Maintaining Road Infrastructure, hosted by AIT partners in Australia, China, Indonesia, Malaysia, Myanmar, Vietnam and the USA.

Water Resources Improved Technology & Management Program:

Emerging from a multi-service Memorandum of Understanding with the Punjab Irrigation Department, Pakistan, WRITMIP is a comprehensive capacity-building program that responds to strategic human resource development needs of a populous region with extensive irrigation infrastructure that is under

increasing strain. WRITMIP departs from the traditional one-off approach where training participants can be isolated from the context they represent. WRITMIP emerged from a number of missions between 2012 and 2014 where AIT engaged intensively with key stakeholders and reviewed existing capacity. AIT's proposed multi-faceted professional- and institutional development approach approved by the Punjab Government aims to improve academic and professional qualifications of staff, and upgrade existing knowledge infrastructure at the Government Engineering Academy Punjab (GEAP) through curriculum reviews, faculty training and learning environment optimization leading to the academy's pre-service and in-service programs being benchmarked to internationally recognized standards. 20 Punjab Irrigation engineers are completing their Masters in Water Engineering & Management at AIT, 13 professional courses have been selected for delivery, and a full-scale institutional planning process is underway at GEAP.

Capacity building course for North Korea: AIT Extension worked with the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) to organize a one-month professional development program on Road Safety and Traffic Management for 10 professionals from the Ministry of Land and Environment Protection of Democratic People's Republic of Korea. The program, funded by UN-ESCAP itself, aimed to enhance the knowledge and skills of the officials and experts focusing on topics such as traffic management, road safety, road safety audit, treatment of hazardous locations, road safety design, intersection design, traffic signs, signals and road markings.

The oil and gas industry in Bangladesh: AIT Extension is working closely with the Ministry of Power, Energy and Mineral Resources of the Government of The People's Republic of Bangladesh and Petrobangla to organize

professional development courses for a number of companies in the oil and gas sector. Courses, funded by companies themselves, cover both technical and management skills, with emphases on leadership, essential management skills, designing and maintaining gas pipelines, contract management, project management, HRM using IT, pipeline risk assessment, among other courses. In 2014, AIT Extension organized 17 courses for oil and gas companies in Bangladesh and trained over 200 senior and mid-level officers.

Capacity development for the water sector: In 2014, AIT Extension organized six courses for more than 60 engineers working in the water sector in Pakistan and Bangladesh. The Bangladesh Water Development Board, through the Water Management Improvement Project (WMIP) funded by the World Bank, has supported different professional training courses at AIT Extension for mid and senior level officials. Several courses were organized in collaboration with leading partners overseas. A number of two-week professional development courses were delivered for the Sindh Irrigation Department of Pakistan, funded by the World Bank.

These courses were aimed to enhance technical and management skills of the senior and mid-level engineers, focusing on topics such as integrated water resource management, climate change, and monitoring and evaluation of flood control drainage and irrigation projects.

Indonesian Agency for Agricultural Research and Development: This collaboration, which dates back to 2004, has focused on building the capacity of IAARD and its partner institutions in a range of fields. In 2014, AIT Extension organized a number of two-week professional development courses on agricultural extension practices, digital library management, application of biotechnology in genetic improvements of agricultural com-

modities, strategic planning and implementation of cloud computing, and nanotechnology for food and agriculture.

Sustainable Coastal Community and Ecosystem Management for Sri Lanka: A collaboration with the Coast Conservation and Coastal Resource Management Department (CC&CRMD), Ministry of Defence and Urban Development of Sri Lanka started in 2014. With support from a GEF-IFAD Project on Participatory Coastal Zone Restoration & Sustainable Management in the Eastern Province of Post-Tsunami Sri Lanka, AIT Extension has been responsible for designing and implementing a series of capacity-building courses in Thailand. The overall aim of the project is to achieve sustainable coastal communities and ecosystems management. Participants include a range of stakeholders and actors from senior officials to field coordinators and assistants. The courses exposed participants to recent approaches to coastal zone management, and provided them with an understanding of policies, strategies and management plans initiated by government and other stakeholders dealing coastal resource management and sustainable livelihoods.

Summer program for the Shanghai Ocean University on Aquaculture Development and Aquatic Resources Management: After several years' planning, the collaboration between AIT Extension and the Shanghai Ocean University (SHOU) in China began in 2013. Under this collaboration, AIT Extension has closely worked with the College of Fisheries and Life Science of SHOU to design and deliver an annual summer training program, entitled "Aquaculture Development and Aquatic Resources Management in South and Southeast Asia". AIT Extension has so far delivered two programs for a total of 45 bachelor and masters students from SHOU.

AIT CONSULTING

AIT Consulting: The year in review

AIT Consulting, during its 4 years of operations, has ensured that its objectives and work are aligned with the overall vision and mission of AIT, and that its targeted goals are achieved through professional application of knowledge that aims to bridge the gap between technology and its effective impact on society in Asia and the region.

The year 2014 brought opportunities to explore new areas and to develop innovative ideas. A total of 46 proposals were submitted in various sectors including energy and environment, civil engineering, power systems, and road infrastructure.

Collaborations were also explored by organizing focused events that complemented AIT's and partner organization strengths carrying the primary aim of knowledge transfer and project support. The events scope included structural engineering, green technology, and social housing. The primary audiences of these events were the various stakeholders involving engineers, government agencies, NGOs, and private organizations.

AITC worked with 19 clients from private companies, public institution, university, and international organizations, ten of which were new coming from India, Myanmar, Oman, Philippines, Thailand, and the United States.

Key Initiatives

EVENTS

AIT Consulting collaborated with several organizations to organize focused events in 2014.

1. The Theory and Practice of Performance-based Design: The Future of Earthquake Engineering (Thailand and Philippines)
2. Green Technology Workshop
3. Technology Solutions for Low-cost Housing

Key statistics of these three events are:

500+ Participants	15+ Countries	250+ Organizations
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MOUs

AITC initiated 5 MoUs listed as follows:

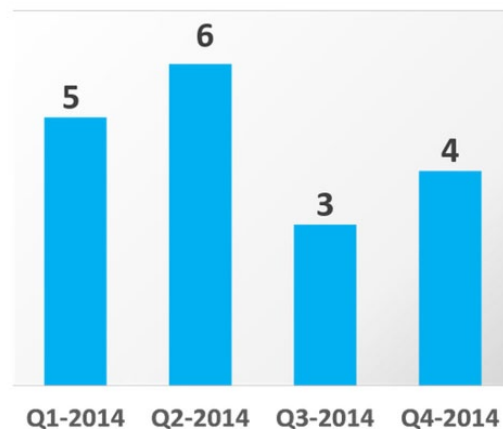
1. NTPK (Thailand) Co. Ltd., Thailand (January)
2. C.L. Almajose & Sons Inc. (CLASI), Philippines (June)
3. Eight-Japan Engineering Consultants Inc. (EJEC), Japan (June)
4. Prashak Techno Enterprises, India (August)
5. Environmental Management Centre LLP (EMC), India (September)

PUBLICATIONS



The second issue of Technology magazine with the theme "Green Technology" was published in April 2014. Three new brochures for structural engineering, ACECOMS and Habitech Center were also published. AITC redeveloped its website to make it more interactive and user-friendly.

VISITS



Visits for 18 different organizations were arranged to strengthen our network.

Salient Project 2014

In its endeavor to grow and with a mandate to help achieve AIT's objectives, AIT Consulting initiated 41 projects with private companies, fellow consulting firms, government agencies, and international development organizations. The projects focusing on engineering, environment, IT applications, covered a geographical area encompassing Central Asia, Caribbean Islands, Pacific Islands, South Asia, and South East Asia.

Some of the salient projects are listed as follows:

HANDBOOK FOR HAZARD, VULNERABILITY, AND RISK ASSESSMENT FOR DECISION-MAKING FOR THE CARIBBEAN ISLANDS

Location: Caribbean Islands

Client: World Bank

Service:

Development of handbook for hazard, vulnerability, and risk assessment for Dominica, Grenada, St. Lucia, and St. Vincent and the Grenadines; and a national flood hazard map for Belize. The World Bank selected AIT Consulting through the efforts of Dr. Manzul Kumar Hazarika to develop a handbook on how to inform decision-making with hazard and risk information.

CHATRIUM HOTEL

Location: Yangon, Myanmar

Client: PBL Group Limited, Thailand

Service:

Performance-based Evaluation of Chatrium Hotel, Myanmar. The existing hotel building is 10-story 18-year old building. The building has floor area of approximately 30,000 sqm. PBL Group Limited, Thailand is looking to construct three additional floors.

128 NIVEL HILLS

Location: Cebu, Philippines

Client: Diamond Hiland Inc. through Sy² + Associates, Inc.

Service:

Wind Tunnel Test for 128 Nivel Hills, Cebu's first residential condominium. The building is comprised of two towers, 42 and 50 stories respectively, resting on a common podium of 4 floors. The towers combined floor area is approximately 116,700 sqm.

IREO CITY

Location: Gurgaon, India

Client: Ireo Hospitality Company Pvt. Ltd

Service:

Performance-based Evaluation and Progressive Collapse Assessment of Ireo City two towers, one of which

houses the hotel, a 34-story building, while the office will be operated as an office tower, a 32-story building. The two buildings are reinforced concrete structures supported by a raft foundation. Both towers rest on a 3-level basements.

BUDDHA SAENGDHAM TEMPLE

Location: Saraburi, Thailand

Client: Buddha Saengdham Temple

Service:

Wind Tunnel Test and Structural System Development to ensure high quality design and construction of the planned construction of an 86-meter dome.

THE SANDSTONE AT PORTICO

Location: Manila, Philippines

Client: Sy² + Associates, Inc.

Service:

Site-Specific Probabilistic Seismic Hazard Assessment and Performance-based Evaluation for one of Manila's premiere real-estate projects, The Sandstone at Portico. A structural performance-based evaluation of the 45-story, 142.6 m high-residential tower was carried out. The building is a reinforced concrete building, supported by the mat foundation. The lateral force resisting system is a dual system, comprised of shear walls and a special moment resisting frame.

FAME RESIDENCES

Location: Mandaluyong, Philippines

Client: Sy² + Associates, Inc.

Service:

Performance-based Seismic Evaluation of Fame Residences. Fame Residences is a residential tower located in Mandaluyong City, Philippines. The project consists of 4 towers, resting on common podium. Each tower is 39-story high, approximately 134 m tall above the ground level. The building is a reinforced concrete building, supported by the mat foundation. The seismic force-resisting system is a dual system, comprised of shear walls and a special moment resisting frame.

OLIVE PLACE

Location: Manila, Philippines

Client: Sy² + Associates, Inc.

Service:

Performance-based Evaluation of Olive Place, a two-tower 49-story reinforced concrete building in Manila, Philippines. The performance-based seismic evaluation for Olive Place was carried out using state-of-the-art analyses tools and procedures with a special emphasis on the effects due to earthquakes.

POWER SECTOR EXPANSION PROJECT

Location: Samoa

Client: Asian Development Bank

Service:

Project Procurement-related Review (PPRR) 14 selected contracts under the Power Sector Expansion Project (PSEP) in Samoa. The PSEP is part of Samoa's power sector development program. The aim of PSEP is to provide sustainable and reliable electricity services to consumers at affordable prices by improving the capacity of the power sector to meet the growing electricity demands and improve the quality, reliability, and cost effectiveness of electric supply.

SCG HOUSE PRECAST SYSTEM

Location: Bangkok, Thailand

Client: SCG Cement Co. Ltd., Thailand

Service:

Seismic Performance Evaluation and Enhancement for Precast System. All precast concrete panels were initially cast at SCG and later assembled in AIT into slab-wall configuration for load testing.

EQUIPMENT & SERVICES FOR MANUFACTURING INTERLOCKING BLOCKS, HABITECH BUILDING SYSTEM

Location: Oman

Client: Petroleum Development Oman

Service:

AIT Consulting, together with Habitech Center and the Chair of Nanotechnology, Water Research Center, Sultan Qaboos University, Oman developed a way to provide an effective onsite solution to appropriately utilize the water generated during oil extraction in the drilling sites of Petroleum Development Oman. The solution involves utilizing an innovative technology highlighted by interlocking blocks developed at Habitech Center in AIT. This novel building system technology can be used cost-effectively for modern building structures, well liners, and many more applications.

ACECOMS

ACECOMS is working in close coordination with AIT Consulting. In 2014, AIT Consulting and ACECOMS carried out eight structural engineering projects in Bangladesh, Brunei, and Thailand and conducted seminars and trainings in Myanmar, the Philippines, and Thailand.

PROJECTS (AS OF 31 DECEMBER 2014)

Project	Client	Location
Telisai Bridge	Jurusy Perunding	Brunei
SCG House	SCG	Thailand
Steel Connection Design	Jurusy Perunding	Brunei
KB Science College	Jurusy Perunding	Brunei
Wiremesh in Precast Wall	Pruksa	Thailand
Opening in Precast Wall	Pruksa	Thailand
Shanta Glass House Building	BuildTrade	Bangladesh
Building Survey in Bangkok	PRIME AE, United States	Thailand

SEMINARS AND TRAININGS

Title	Topics	Location
Myanmar Construction Summit	Engineering the Buildings for Seismic Resistance in Myanmar	Yangon
PBD Primer	Introduction to Seismic Analysis and Design Introduction to Nonlinear Modeling in SAP2000 and Perform 3D	Bangkok
The Theory and Practice of Performance-based Design	The Future of Earthquake Engineering	Bangkok
The Theory and Practice of Performance-based Design	The Future of Earthquake Engineering	Manila
PBD Hands-on Training	Step-by-step Procedure for PBD of 40-story Building	Manila
Conference of ASEAN Federation of Engineering Organizations (CAFEO-32)	Performance-based Design of Ductile Core Wall Building	Yangon

Habitech Center



AIT Consulting and Habitech Center collaborate on projects related to sustainable, cost-effective, and appropriate infrastructure technologies and techniques through the extensive experience and capabilities of the Asian Institute of Technology (AIT) experts, and the labs and centers.

MOUs

Habitech through AIT Consulting signed a memorandum of understanding (MoU) with Prashak Techno Enterprises, India. This collaboration between AIT Consulting/Habitech and Prashak outlines joint participation in generating, creating, and developing intellectual property. It also involves the subsequent protection of such intellectual property by filing and maintaining of patents and other forms of intellectual property protection, apart from grant of licensing rights to Prashak, for use of such developed and protected intellectual property in designated countries/ regions.

Concept Notes

AIT Consulting and Habitech started developing the following concept notes:

1. DHSHD–Myanmar (To provide capacity enhancement of affordable housing projects)
2. Post–Earthquake reconstruction (AITC/Habitech support on reconstruction after Nepal earthquake)

3. County Government Kenya (To provide capacity enhancement as requested by the Governor)
4. Peace Center–Myanmar (To provide capacity enhancement on affordable housing solutions)
5. Heifer International Nepal (To rebuild homes in Nepal after the earthquake)

Projects

In 2014, AIT Consulting and Habitech were awarded a project to provide equipment and services for manufacture of interlocking blocks for Petroleum Development Oman (PDO) for an effective onsite solution to appropriately utilize the water generated during oil extraction in the drilling sites of PDO.

Event

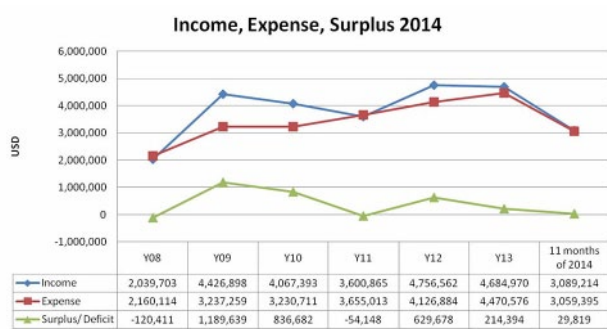
The workshop “Technology Solutions for Low-cost Housing: Building Cleaner, Greener, Safer, and Cost-Effective Communities” was organized by Habitech and AIT Consulting to demonstrate the theories and applications of technological solutions to help achieve cost-effectiveness, sustainability, disaster-resiliency, and long term durability for a variety of housing developments and civic infrastructures.

AIT CENTER IN VIETNAM

In 2014, there were 172 executive and professional master graduates in Vietnam by AIT's Schools (SOM, SET, SERD), 2,641 people were trained in 108 short training courses, and about 1500 people and 500 businesses benefited directly from development projects implemented by the AIT Center in Vietnam (AITCV).

FINANCIAL STATEMENT

The full financial status of AITCV will be confirmed by the annual audit of KPMG which will take place in late January. As of the end of November, AITCV had a surplus of USD 29,819 based on revenue of USD 3.089 million.



HIGHLIGHTS

VIETNAM CLIMATE INNOVATION CENTER, WORLD BANK, INFODEV (5 YEARS, \$4.95 MILLION)

InfoDev, a Global Partnership Program of The World Bank, launched a Climate Innovation Center (CIC) in Vietnam, with its mission to provide a country-driven approach to addressing climate change and support the Government of Vietnam's National Strategy for Green Growth. AITCV won the bid to establish CIC in Vietnam and was designated as project leader. On October 17, AITCV and its consortium partners participated with 24 innovative clean tech startups at the Proof of Concept Competition BootCamp to prepare them for entry into the commercialization stage of market and financial feasibility.

VIETNAM CENTER OF EXCELLENCE (LEARNING CENTER) IN ENVIRONMENTAL AND SOCIAL SUSTAINABILITY

The learning centers in Vietnam, Indonesia and the Philippines created by AusAID-World Bank partnership on environmental and socially sustainable infrastructure in East Asia and the Pacific supports environmentally and socially sustainable infrastructure in Mekong Sub-Region. In Vietnam, the Learning Center is managed by AITCV with responsibility to organize and ensure quality

management for course delivery, specifically in Environmental and Social Safeguards, distributed by a team of experts from ADB, World Bank and AusAID.

ORGANIZATIONAL DEVELOPMENT - EXTENSION OF HCE1 PROJECTS WITH HFIC

After HCE-1 project (Advisory and training services for improvement of HFIC's capacity and project owner financed under AFD Credit facility - HCE1 Bidding package) on October 2013, AITCV consultants completed 18 training seminars for 276 participants for HFIC (Ho Chi Minh City Finance and Investment State-owned Company) and AFD (Agence Francaise de Development - French Development Agency) during March 2014 to August 15, 2014. These were overview of Business Diagnosis and Due Diligences, Business Evaluation on Strategic Management, Operation Management, Quality and Supply Chain Management, Financial Management, Risk Management, HR, Internal Control, and conducted 5 coaching days for data collection and general analysis (PEST analysis) on the 2 project companies - HPIP and HFBC, 6 coaching days on setting up interview questionnaires on functional areas, planning for evaluating chosen companies, 12 coaching days on interviewing enterprise board of management (on site evaluation), analyzing, evaluating and lessons learnt discussion on business evaluation, presenting analysis.

SPIN & E-SPIN FUNDED BY EU-SWITCHASIA

AITCV is a partner of the Sustainable Product Innovation Project implementing building Sustainable Product Innovation (SPIN) capacity in the region through training trainers and companies and building skills of Marketing and Branding for SMEs through workshops in three countries: Vietnam, Lao PDR and Cambodia. There were 128 freelancers on cleaner production consultants and experts in product design, representatives from product design centers and sector organizations being trained to be SPI trainers through Train of Trainers workshops. The network of SPI designers was generated from these workshops. There were 93 companies that have been equipped with the SPI through six Innovation Skill Building workshops and 119 companies that have been built the marketing and branding skills through Marketing & Branding building workshops. Additionally, AITCV had delivered three more extra-workshops focusing on food processing in Vietnam. AITCV together with its partner VNCPC was also involved in implementing SPIN at companies.

AITCV participated in the SPIN activities for an extension period of six months with the role of building the smart database for archiving SPIN project's documents. AITCV developed the content for the software, and the coding for the database.

GET GREEN VIETNAM

GetGreen Vietnam (GG) is a project promoting sustainable consumption in Vietnam, focusing on sustainable living and working of middle-income consumers in urban areas. It is co-funded by SWITCH-Asia Program of European Union and implemented by TUDeft, VNCP, AITCV.

In 2014, GG successfully conducted 3 Training of the Trainers courses (2 in English and 1 in Vietnamese) and many networking events for Ho Chi Minh, Can Tho, Hanoi and Da Nang. This helps to build sustainable consumption, contributing to environmental sustainability and climate change adaptation in communities and households.

The project reached the target of training 1000 change agents to spread the message of sustainable consumption to their family and friends as well as convincing and supporting 50 consumer groups in making the choice for more sustainable consumption behaviors.

UNEP

AITCV was selected as one of the qualifying institutions to implement the project "Sustainable Consumption & Production Brand – SCP Policy Mainstreaming for Eco-Innovation" to identify synergies through a pilot application of the eco-innovation approach in SMEs, in col-

laboration with Centre for Creativity and Sustainability Study & Consultancy (CCS). The project belongs to the policy component of the UNEP Eco-innovation project supported by UNEP. The project was implemented from December 2014 – May 2016.

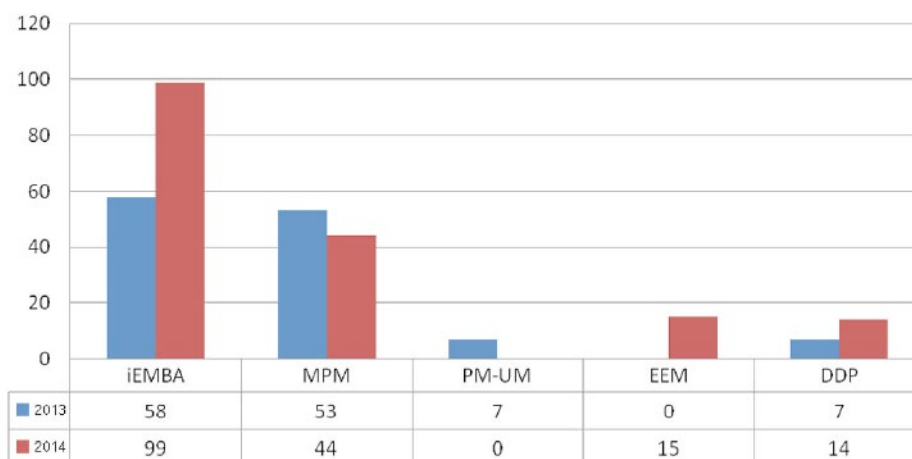
The main objective of the project is to refine and successfully adapt the UNEP approach in enhancing capacity in SCP implementation policies for eco-innovation in Vietnam's context, at the same time to strengthen the ability of the service providers to engage effectively in the SCP policy process for Vietnam and able to scale up. The active participation of the service providers to involve all related stakeholders in all policy stages (policy cycle) will play important role in success of UNEP approach for eco-innovation in SMEs.

RELATIONSHIPS WITH ACADEMIC PARTNERS

- ▶ The Diploma in Development Policies and Practices will continue with the Graduate Institute of the University of Geneva for another six years with funding from SDC.
- ▶ The partnership was renewed with the University of Applied Science in Salzburg and the Institute of Hospitality and Tourism to support the current executive development of Saigon Tourism, Vietnam's largest company in hotel and tourism management.

ACADEMIC PROGRAMS

Figure 1: No. of participants in 2014 vs. 2013 per program

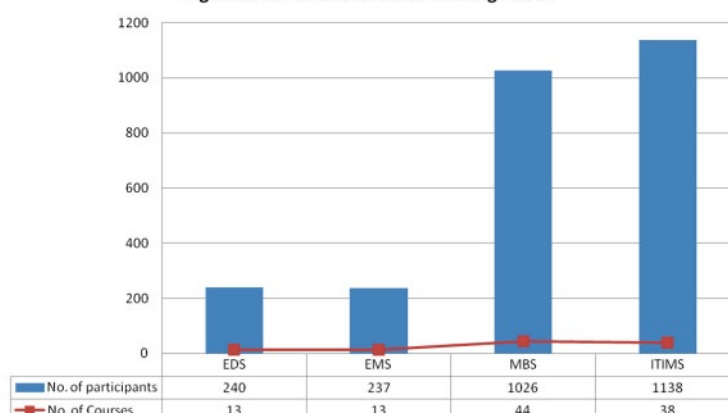


LIST OF ACADEMIC PROGRAMS IN 2014

No.	Schools	Programs	Clients	Graduates	Enrolled students
1	SOM	iEMBA Hanoi	Self-supported or funded from Local Companies, SOEs, Foreign JVC, International Organizations	31	20
2		iEMBA HCMC	Self-supported or funded from big companies: PV Oils, Cuu Long JOC, HCMC power Corporation, Co-op Mart, Holcim Vietnam Ltd., some private & international co.	44	20
3		iEMBA Vung Tau	Vietsopetro, JVPC, and other petroleum companies in Vung Tau	18	22
4		iEMBA Dong Nai	Sonadezi, Toan Thinh Phat, Dong Nai Home Affair Dept., External Affair Dept., Long Thanh Share Holding Co.	6	0
5		DBA Hanoi	EVN, PV, VNPT	0	3
6		DBA HCMC	EVN, PV, VNPT	0	9
Sub Total				99	74
1	SET	MPM HCMC	Self-supported from both public and private sectors in construction industry	20	15
2		MPM Hanoi		15	10
3		MPM Can Tho	Self-supported from both public and private sectors and funded from provincial government	9	
Sub Total				44	35
1	SERD	PM-UM HCMC	Self-supported from both public and private sectors and funded from provincial government (Dong Nai, An Giang, Kien Giang, Ca Mau)	0	7
2		EEM Hanoi	Self-supported, VICEM, PVEP, SAMAN (Korean company)	15	6
Sub Total				15	13
1	Others	Executive Master in Development Policies and Practices (DPP)	Scholarship Program jointly organized by the Graduate Institute of International and Development Studies, Switzerland	14	14
Total				172	136

SHORT COURSE TRAINING

Figure 2: AITCV Short course training - 2014



LIST OF EDUCATION MANAGEMENT SHORT COURSES PROVIDED IN 2014

No.	Courses/ Services	Clients	No. of people trained	Location
A. TRAINING				
T1	Monitoring and Evaluation	Ministry of Health	20	HCMC
T2	Work Planning and Execution	EPTC	50	Hanoi
T3	Advance Monitoring and Evaluation	Ministry of Health	20	Quang Ninh
T4	Facilitation Skills	KNOC	1	Hanoi
T5	Training Impact Assessment	Open	12	Hanoi
T6	Personal Effectiveness	Panasonic	31	Hanoi
T7	Training Needs Assessment and Training Impact Assessment	FPT	25	Hanoi
T8	TOT - HUE	WACO Hue	10	Hue
Total no. of people trained: 169				
B. COMMUNICATION				
C1	Presentation Skill	Panasonic	25	Hanoi
C2	Effective Communication Skills for Multi-Cultural Working Environment	Open	7	Hanoi
C3	Interpreting Skills	Open	6	Hanoi
Total no. of people trained: 38				
C. ENGLISH				
E1	English bridging program	PPEM	10	Hanoi
Total no. of people trained: 10				
D. SPECIAL PROGRAM FOR EPTC				
D1	EPTC Electronic Power Trading Company -4 courses (Problem Solving, Decision Making, and 2 courses in Facilitation Skills)	EPTC	20	Hanoi
Total no. of people trained: 20/237				

LIST OF MANAGEMENT AND BUSINESS SHORT COURSES PROVIDED IN 2014

No.	Courses/ Services	Clients	No. of people trained	Location
A. MANAGEMENT				
M1	Public finance management	CFBA	15	Singapore
M2	Behavior change	Care International	12	HCMC and Hanoi
Total no. of people trained: 27				
B. EUROWINDOW				
E1	Middle management skills	Eurowindow	54	Hanoi
E2	LEAN management	Eurowindow	54	Hanoi
E3	People management	Eurowindow	54	Hanoi
E4	Organizational culture	Eurowindow	54	Hanoi
E5	Team building	Eurowindow	54	Hanoi
E6	Coaching	Eurowindow	54	Hanoi

No.	Courses/ Services	Clients	No. of people trained	Location
E7	Finance for non finance	Eurowindow	56	HCMC and Hanoi

Total no. of people trained: 380

C. SAIGON TOURIST

SGT1	Quality management	Training	20	HCMC
SGT2	Destination Management	Diploma in Hospitality & Hotel Management	24	HCMC
SGT3	Financial Management for Managers in Hospitality	Diploma in Hospitality & Hotel Management	24	HCMC
SGT4	Communication and Presenting Skills	Diploma in Hospitality & Hotel Management	24	HCMC
SGT5	Customer service for Saigon Tourist	Diploma in Hospitality & Hotel Management	24	HCMC
SGT6	Marketing and Sales	Diploma in Hospitality & Hotel Management	24	HCMC
SGT7	Training cum study tour for Executives of Saigon Tourist	Diploma in Hospitality & Hotel Management	24	Austria and Germany

Total no. of people trained: 164

D. EXTENSION SERVICE TO HCE1 PROJECT – HFIC

H1	Introduction to Due Diligence & Business Diagnosis	HFIC	16	HCMC
H2	Business Management System	HFIC	16	HCMC
H3	Experiences in conducting due diligence & business diagnosis	HFIC	16	HCMC
H4	Mind Tools, Collection Data & Presenting reports	HFIC	16	HCMC
H5	Overview on Strategy	HFIC	16	HCMC
H6	Finding basic facts of companies	HFIC	16	HCMC
H7	Value chain analysis	HFIC	16	HCMC
H8	Overview on Production & Quality Management	HFIC	16	HCMC
H9	Planning to collect information to evaluate production & quality management function	HFIC	16	HCMC
H10	Overview on Supply chain management	HFIC	16	HCMC
H11	Overview on Marketing management	HFIC	16	HCMC
H12	Overview on Financial management	HFIC	16	HCMC
H13	Overview on Accounting Management	HFIC	16	HCMC
H14	Overview on Internal Control, Internal Audit & Risk Management	HFIC	16	HCMC
H15	Overview on Management Information System (MIS)	HFIC	16	HCMC
H16	Overview on HR management	HFIC	16	HCMC
H17	Overview on Corporate Governance	HFIC	16	HCMC
H18	Interviewing Companies Process	HFIC	16	HCMC
H19	Analyzing the market	HFIC	16	HCMC
H20	Analyzing the industry competitiveness	HFIC	16	HCMC
H21	Analyzing the bargaining power	HFIC	16	HCMC
H22	Analyzing substitutes	HFIC	16	HCMC
H23	Analyzing SWOT	HFIC	16	HCMC

No.	Courses/ Services	Clients	No. of people trained	Location
H24	Survey/Questionnaire designing	HFIC	16	HCMC
H25	Report Writing	HFIC	16	HCMC

Total no. of people trained: 400

Total no. of courses: 54 | Total no. of people trained: 971

LIST OF ENVIRONMENT AND DEVELOPMENT SHORT COURSES PROVIDED IN 2014

No.	Project/course name	Client with reference name	Budget	Duration	No. of pax
A. PROJECT					
P1	Project Design and Proposal Writing	WWF, NPA, Asia Foundation, GIZ, MACDI	4,168	25 -29 Mar 2014	8
P2	Project planning and Management	Contract with East meets West	2,757	31 May -02 June 2014	19
P3	Project Design and M &E	Contract with TFF/ VNFF	4,505	17 -19 July 2014	15

Total no. of people trained: 42

B. CLIMATE & ENVIRONMENT					
C1	Climate Change Impacts and Vulnerability Assessment	CPSE/VPI, GIZ	3,615	4-8 Aug 2014	10
E1	Detecting and Preventing Microorganism Contamination in Beverage Test	VBL	3,560	1-3 Oct 2014	20
E2	Communication skills in forestry environment protection	TFF	8,223	17-20 Nov 2014	50
E3	Budgeting and Financial Management in Development Projects	German Red Cross, KFW, MAG International in Vietnam, Malteser International, VNAH	5,026	25 - 28 Nov 2014	9

Total no. of people trained: 89

C. DEVELOPMENT					
D1	Budgeting and Financial Management in Development Project	Room to read, NMA, MSH, FFAV	4,659	30 Sep - 3 Oct 2014	12
D2	Development Project Management	TSU	5,625	03- 05 Oct 2014	35
D3	Sustainable community development	Helvetas	3,300	04 - 06 Nov 2014	15

Total no. of people trained: 62

D. STUDY TOUR					
S1	Study Tour on Lower Mekong River Basin Management	AIT Extension	8,040	16-19 Nov 2014	7
S2	Study tour on Sustainable Urban Planning and Management in France	Contract with Hapro	15,938	24 Nov - 02 Dec 2014	20
S3	Study tour on Sustainable Urban Planning and Management in France	Contract with Nam Cuong Travel Ltd	13,639	15-19 Dec 2014	20

Total no. of people trained: 47

Total no. of courses: 13 | Total no. of people trained: 240

LIST OF INFORMATION TECHNOLOGY AND INDUSTRIAL MANAGEMENT SHORT COURSES PROVIDED IN 2014

No.	Courses/ Services	Clients	No. of people trained	Location
A. TECHNOLOGY				
T1	Data Analysis and Presentation using Excel	Open	10	HCMC
T2	Advanced Excel	PVD Training	15	HCMC
T3	Excel for Accountant	PVD Training	15	HCMC
Total no. of people trained: 40				
B. GREEN BUSINESS				
G1	Green Brand Management	Open	22	HCMC
G2	Green Brand Management	Open	20	HN
G3	Green Supply Chain Management	Open	19	HCMC
G4	Eco-Innovation for Small Enterprises	Seminar	10	HCMC
G5	Eco-Innovation for Small Enterprises	Seminar	26	HN
G6	Green Business Model	Seminar	36	HCMC
G7	Green Business Model	Seminar	33	HN
G8	Life Cycle Assessment	Seminar	37	HCMC
G9	Life Cycle Assessment	Seminar	19	HN
G10	Resource Efficiency and Cleaner Production	Seminar	47	HCMC
G11	Resource Efficiency and Cleaner Production	Seminar	53	HN
G12	Sustainability Development Indicators for Enterprises	Seminar	40	HCMC
G13	Sustainability Development Indicators for Enterprises	Seminar	54	HN
Total no. of people trained: 416				
C. TRAINING				
TR1	Training of Trainer	Open	9	HN
TR2	Training of Trainer	Open	10	HCMC
Total no. of people trained: 19				
D. MANAGEMENT				
M1	Leadership Skills	TBC-Ball	40	HCMC
M2	Effective Communication and Teamwork Skills	TBA-Ball	121	HCMC & Binh Duong
M3	Project Management	PepsiCo	22	HCMC
M4	Technical and People Management Skills for Middle Manager	PVPS	40	HCMC
M5	Supervisory Skills	Friesland	18	Ha Nam
M6	Negotiation Skills	PepsiCo	26	HCMC
M7	Negotiation Skills	PepsiCo	20	HN
Total no. of people trained: 287				
E. OPERATIONS				
O1	Warehouse Management	Open	7	HN
O2	Total Productive Maintenance	Amway	26	Dong Nai
O3	Management, Aggregate Planning and Short-term Scheduling	GEPG	27	HaiPhong
O4	Production and Operation Management	PVTEX	40	HaiPhong
Total no. of people trained: 100				

No.	Courses/ Services	Clients	No. of people trained	Location
F. STUDY TOUR				
S1	Agricultural Development Activities	Ministry of Agriculture, Ministry of Finance, Ministry of Planning, the Government of Bangladesh	6	Ha Noi, Vietnam
S2	Management & Administration of Local Government Institutions – 3 groups	Local Government Division, Ministry of LGRD & Co-operatives, Government of Bangladesh	60	China, Japan, Korea
S3	Financial Management & Local Governance in Local Government Institutions – 6 groups	Local Government Division, Ministry of LGRD & Co-operatives, Government of Bangladesh	144	Thailand, Vietnam, Australia
S4	Financial Management & Local Governance in Local Government Institutions	Local Government Division, Ministry of LGRD & Co-operatives, Government of Bangladesh	14	Australia
S5	Agriculture Conservation and Diversification	Ministry of Agriculture, the Government of Bangladesh	7	Ha Noi, Vietnam
S6	Coastal Regions and Small Island Development	Local Government Engineering Department (LGED), the Government of Bangladesh	15	Philippines, Indonesia
S7	Safety-Net Programs	Ministry of Disaster Management & Relief (MoDMR) Programs Administration Project, the Government of Bangladesh	10	Ha Noi, Vietnam
S8	Improvement of Urban Governance and Infrastructure Development	Ministry of Local Government Rural Development and Co-operatives, Government of Bangladesh	10	Indonesia
S9	Improvement of Urban Governance and Infrastructure Development	Ministry of Local Government, the Government of Bangladesh	10	Ha Noi, Vietnam
Total no. of people trained: 276				
Total no. of courses: 38 Total no. of people trained: 1,138				

REGIONAL RESOURCE CENTRE FOR ASIA AND THE PACIFIC (RRC.AP)

The Task Force on the future of RRC.AP: Prior to the expiration of the AIT-UNEP MoU on the operation of the Regional Resource Centre for Asia and the Pacific (RRC.AP) in December 2014, a Task Force was setup by the AIT President to define RRC.AP's future status within AIT. The Task Force recommended that RRC.AP should be established as an Institute-wide centre of AIT that complements AIT's research, education and capacity-building activities towards the achievement of its mission, helping to bridge the gap between the scientific understanding of sustainable development processes and sound policies at national and regional levels. The centre will continue to provide resources for policy setting towards sustainable development, acting as a science-policy interface by regional networking, processing and assessing information and knowledge for governments, local communities and other stakeholders in the Asia-Pacific region.

Support from the Ministry of Environment, Japan: In 2014, an important collaboration was concluded between the Ministry of the Environment of Japan (MOEJ) and AIT to support RRC.AP. An agreement had been reached for MOEJ to second a Director to RRC.AP and provide funding support worth USD 1.2 million in 2015 for climate change mitigation and adaptation initiatives, including capacity building activities under the Asia-Pacific Adaptation Network (APAN). The negotiation was led by the AIT Vice President for Resource Development, Professor Kazuo Yamamoto.

New institutional arrangements for EANET: RRC.AP served as the Secretariat to several networks, including the Acid Deposition Monitoring Network for East Asia (EANET) since 2002. In 2014, a new institutional arrangement was agreed by the EANET member countries at its Fifteenth Intergovernmental Meeting, designating the UNEP Regional Office for Asia and

the Pacific (UNEP ROAP) as the EANET Secretariat, with RRC.AP to continue implementing some of the functions and activities. The new arrangement will come into effect in May 2015.

Waste management projects: Waste management presents ever greater challenges to national governments, cities and other stakeholders. RRC.AP partners with UNEP and other bilateral donors started to implement a number of projects of related projects in 2014: the National Waste Management Strategy for ten countries and cities; Climate and Clean Air Coalition – Municipal Solid Waste Initiative (CCAC-MS-WI); Asian End-of-Life Vehicle (ELV) recycling; Industrial Waste Inventory and other waste management and 3R-related activities. RRC.AP is also supporting the UNEP International Environmental Technology Centre (IETC)-facilitated University Consortium to develop an academic curriculum on holistic waste management for professionals.



RESEARCH & EDUCATION SUPPORT ACTIVITIES

AIT LIBRARY

One of the big changes in AIT Library was the renovations of the damages caused by the flood in 2011 and modernization of the Library. The renovation started on 18 August 2014, but it was not completed in 2014. For the planned renovation, all the library materials would be moved up to the second floor whereas the first floor would be used for reading area, searching area, e-book area, group study rooms, training room, video-teleconference room, multimedia room, lounge for faculty and alumni, Hall of Fame, and exhibition. The library space after the renovation is expected to be 5,078 square meters (first floor = 2,920 square meters, second floor =

2,158 square meters). The Library's space would be extended to the other wing of the Library's building. Even during the renovation, the Library's working hours have been normal and full library services have been provided. Users might be affected by noise, dust and limited reading and studying space.

The Library's budget for 2014 was allocated for the renewal of the Library core online resources. As for book acquisition, some grants from India were provided. The main acquisitions were from donations.

Book acquisitions are summarized in the table.

LIBRARY ACQUISITION 2014 (JANUARY THROUGH DECEMBER)

Type of Acquisition	Fund used	Donors	Number (Titles)
Purchase	Indian Grant		19 titles
Gift books (through requests, donation)		UN ESCAP, UNESCO, World Bank, FAO, Books for Thailand Foundation, as well as from other alumni, faculty	1,024 new titles added to database (excluding a number of added items)
AIT publications – dissertations, theses and research reports		AIT Schools/Fields of Study	1,673 titles (2,559 copies)
Interlibrary loan			43 titles
DBA HCMC		0	9

As for library services, the following are statistics for circulation activities:

CIRCULATION ACTIVITIES (JANUARY THROUGH DECEMBER 2014)

1. Membership

Active members = 2,387

2. Circulation

No. of check-out = 9,837 items

No. of check-in = 6,102 items

3. Interlibrary Loan

Interlibrary loan request = 125 items

4. Library Orientation

Library orientation = 4 times

Classification and cataloguing statistics are briefly presented below.

CLASSIFICATION AND CATALOGUING (JANUARY THROUGH DECEMBER 2014)

1. Cataloguing and Classification = 1,331 items

- ▶ Books = 655 items
- ▶ Theses = 629 items
- ▶ DVD/CD-ROM = 32 items
- ▶ E-Books = 15 items

2. Update of bibliographic records & processing = 2,476 items

THE LANGUAGE CENTER

The Language Center had a full slate of teaching activities in all 12 months of 2014 and added Chinese to the list of languages taught. The year started with the usual writing courses from January through April, but a new 'Research Writing for Graduating Students' workshop was launched in February through March and turned out to be a success. It will be repeated in the future. The AIT Bridging Program was launched in May and completed on 31 July with 42 students. Of these, 32 were members of the third and final cohort of NMFA scholars. There was also a special training session in July for Professional Master's in Banking and Finance from Bangladesh and Myanmar. In August, the LC collaborated with the Remote Sensing and GIS program in conducting the Asian Summer School 2014 for Chubu University students. Regular courses started up in August.

A new teacher from China joined the LC in September. Ms. Jin Ying, who is sponsored by the Confucius Foundation, conducts Chinese courses for undergraduate students and for the AIT community at noon time and in the early evening. She was warmly welcomed by all and her courses have become very popular. The LC now offers Chinese, Japanese and Thai to the AIT community throughout the year.



A second AIT Bridging Program was conducted from October through December for the Royal Thai Ministry of Agriculture and Cooperatives. Among the participants were a number of doctoral students entering a variety of agriculture-related fields.

AIT INTERNATIONAL SCHOOL

AIT International School provides holistic elementary education in a stimulating and caring international environment that will help build a positive attitude towards learning. Its education objectives are based on values that will support the growth of a reflective and responsible member of the society.

Educational values at AITIS:

- ▶ To educate through real life situations
- ▶ To encourage effective communication
- ▶ To respect freedom of expression
- ▶ To support holistic development
- ▶ To encourage creativity
- ▶ To foster self-motivated learning
- ▶ To foster responsibility
- ▶ To positively contribute to the community

Highlights from the school year include:

- ▶ Enrollment of over 280 students from 33 different countries
- ▶ Implementation of new technology, including Apple iPads, in the classroom

- ▶ Installation of two (2) interactive "smart" boards
- ▶ Annual "AITIS Fun & Food Fair" fund raising
- ▶ Competing in the KPIS Bangkok International Schools Spelling Bee (2nd place for Grade 2)
- ▶ Annual three (3) day team building camp for students Grade 3 through Grade 6
- ▶ "Open House/Visual Arts Day" activities wherein a majority of parents visited their child's classroom and took part in various art projects throughout the day
- ▶ Participation in numerous cultural awareness programs including Thai (Loi Kratong & Sonkran) and international activities (UN Day, International Day of the Girl Child, etc)
- ▶ Science Fair – a two (2) full school activity for students to showcase their science/robotics projects
- ▶ AITIS Grade 6 students participated in KPIS Inter-School Music Challenge Competition
- ▶ Partnered with a local Thai orphanage to include children in various AITIS activities
- ▶ "Earth Day" activities to help students understand their responsibility to the environment
- ▶ Revision of school-wide curriculum to align with more rigorous/sustainable international STEM standards



CAMPUS REHABILITATION

After the flood inundation of the campus on 21 October 2011, the AIT President set up an "AIT Campus Rebuilding and Upgrade Committee (ARUC)" to manage the renovation of the campus. During the evaluation of campus damage by Dhipaya Insurance, ARUC requested all units at AIT to cooperate with its survey team. Based on the results of the survey and upon further negotiation, AIT received a lump-sum compensation of 440,326,717 Baht out of the insurance value of around 1,300 million Baht. The amount was broken into 2 parts, one for quick restoration of campus life to resume the academic activities, and the other reserved for long-term upgrading of the campus.

FIRST-PHASE: TO RETURN CAMPUS TO OPERATION

The ARUC then requested the cooperation of all units, with the support of the Campus Management Company (SODEXO), to confirm a list of repairs and equipment acquisition. The final allocations of budgets were made with the following priority:

1. Academic Buildings;
2. Restoration of IT and Physical Infrastructure to resume campus life;
3. Basic Laboratory Equipment; and
4. Dormitories.

ARUC finally allocated 307,722,025 Thai Baht for the first phase. All acquisitions of contractors and equipment were handled by AIT's Purchasing Office, following and in accordance with AIT Policy and Procedures. The actual spending, already incurred and about to be made under commitment,

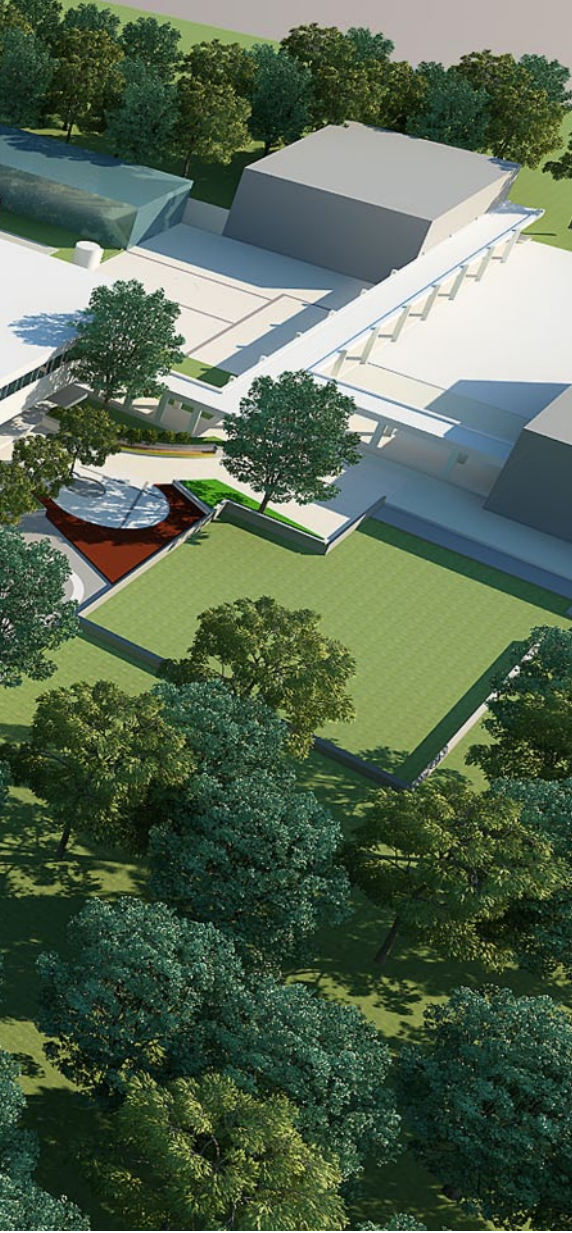
is 298,846,561 Thai Baht as of 31 October 2014. So there was a balance of 8,875,463 Thai Baht remaining from the first phase.

SECOND-PHASE: CAMPUS UPGRADE

a. Renovation of Campus Infrastructure Backbone: Out of 440,326,717 Baht, the ARUC under the former President decided to place in reserve the remaining 132,604,692 Thai Baht for the second phase as it was thought it may be required later for replacement of the 40-year-old infrastructure backbone, including the air-conditioning system, the electrical system, and the water supply system. After the floods, although these time-worn systems were restored under patch work repairs to quickly resume campus life, the campus still suffered intermittent power shut

down, low water pressure on the upper floors due to leaks of underground rusty water pipes, and uncomfortable class rooms due to the continued failing of the very old air-conditioning system. The situation is unfit or unsuitable for a reputed international academic institute, and the replacement with more advanced and efficient systems is almost a pre-requisite. One of AIT's alumni-owned engineering companies, the Panya Consultants, kindly offered to make a preliminary survey of AIT's infrastructure backbone, for which the cost of its renovation could be estimated.

b. Modernization of AIT Library: In addition to the infrastructure, the quality of the library represents the heart of post-graduate institutes. After the floods, the library was originally allocated 10 million Baht from the ARUC for the repair of its ground floor. The repair



could have been carried out rather straightforwardly if one wished to keep the library in the same form and format. However today, the way library users (faculty, researchers and students) access, process, and use information is totally different from that of 40 years ago when the present AIT library was designed and built. Libraries are no longer just places to check out a book or to do homework; they are meeting places, media centers, digital repositories, and wonders of modern architecture and design. Thus, it is a good opportunity for the AIT library to be modernized to better meet the needs of the students and faculty who use them, adding amazing services and technology and creating spaces for students to study and meet.

The following list highlights some new ideas that are being considered and included in the renovation plan of the AIT Library.

- ▶ All books, print materials, theses and special collections will be shelved on the upper floor of the library, with an extensive online catalogue, and a site for faculty and student designated and recommended text books and reading materials.
- ▶ The ground floor of the library will become a modern marvel, for its massive reading space. Instead of stocking books, the ground floor will provide room for open space, computers, multimedia stations, and a large number of group study rooms. It will also house an alumni lounge, exhibition area, and designated meeting rooms for alumni and visitors.
- ▶ Faculty and students will be able to enjoy many of available resources through vast online repositories containing e-books, subscriptions to online databases, online journals, and open-access publications.
- ▶ A special multimedia lab will be planned for video production, conferencing, web-casting and distance education.
- ▶ There are social areas and study spaces, all outfitted with digital connection points that allow students to share, connect, and better utilize library materials.

The budget required to modernize the library is 54.05 million Thai Baht. A major part of this can be supported by alumni and friends of AIT through an organized fund-raising campaign.

Thus, in the second phase, the estimated cost for the infrastructure renovation (125.25 million Thai Baht) and for the library modernization (54.05 million Thai Baht) combines to a total of 179.30 million Thai Baht. With the allocated budget of 132.60 million Thai Baht plus the first-phase residual budget of 8.9 million Thai Baht, there is a shortage of $179.30 - 132.60 - 8.88 = 37.82$ million Thai Baht, which shall be raised by the library fundraising campaign.

FOR BOARD APPROVAL

An amount of 132,604,692 Thai Baht was registered as a part of AIT's General Reserve. Thus, to use this amount as per its original purpose, a special approval of the Board of Trustees is required. In light of this, the AIT Administration sought and received the endorsement from the Audit Committee and the Executive Committee, at their meetings held on 4 December and 15 December 2014 respectively, requesting to move 132,604,692 Thai Baht from the General Reserve account, to be budgeted as per its original purpose.

FUNDRAISING

In 2014, the Fundraising Office was mandated to continue initiating new partnerships with the industry and emphasize more focus on industrial relationships which would provide the institute with more opportunities for student internships, tuition scholarships, and other forms of partnership with multinational companies who have a presence in Thailand.

During the year, the Fundraising Office also continued to secure fully funded scholarships at masters and doctoral level from universities and governments ministries and institutes, especially from Sri Lanka.

In terms of industrial linkages and private sector scholarships, the office initiated the scholarships with Bhagya Enterprises Private Limited, Unocal Myanmar Offshore Co. Ltd., Pruksa Real Estate Public Company Limited and Thai Pipe Industry Company Ltd.

In terms of university/ministries funded scholarships through their respective funding agencies, initiated and received from the University of Vocational Technology, Sri Lanka, 2 doctoral (split Program), full scholarships valued at 3.5 million Thai Baht. Also the institute would receive for August 2015 intake 2 more doctoral candidates valued at 3.5 million Thai Baht. This Office also initiated and obtained 1 full Doctoral (split program) scholarship from the Ministry of Youth Affairs and Skills Development, Sri Lanka valued at 1.7 million Thai Baht, and will also receive a further Masters scholarship from the same Ministry for August 2015 intake, valued at 1.14 million Thai Baht.

Under sponsored projects, the Fundraising Office secured a new contract with The Hongkong and Shanghai Banking Corporation, Thailand on a project jointly proposed between World Wide Fund (WWF), and AIT on "Building Capacity and Strengthening Community Participation for Water Resources Management and Wetland Ecosystems Restoration in the Context of Climate Change in the Lower Songkhram River Basin". The total project that was approved by HSBC HQ was valued at 30.3

million Thai Baht of which AIT component was 10.5 million Thai Baht.



An environmental protection project planned for Thailand by the Asian Institute of Technology (AIT) and World Wide Fund (WWF) Thailand valued at USD 980,000 has been approved for funding by Hong Kong and Shanghai Banking Corporation (HSBC) Group Corporate Sustainability (UK).

The AIT-WWF joint proposal was selected by HSBC from fifteen competitive bids submitted from around the world.

The HSBC Water Sustainability Program provided funding to the project that commenced from 1 September 2014 and will operate until the end of 2016. AIT's role covers academic research and training, while WWF Thailand will focus on ground level support.

For more information about the HSBC Water Sustainability Program please visit: <http://www.hsbc.com/citizenship/sustainability/hsbc-water-programme>

The Office also initiated several student internship placements in leading companies, such as Carlsberg Distribution Co Ltd, Index International Com, Sa-feCom Network Co. Ltd, Siam Commercial Bank, BSH Home Appliances and Nawarat Patanakarn Public Co Ltd.

In memory of the late Prof. Lal Chand Wadhwa (CRD '72 & '75), his son, Dr Vikas Wadhwa set up the Prof. Lal Chand Wadhwa Memorial Prize. This award was initially set up for a period of 5 years and is given to the most outstanding student from Transportation Engineering, SET and Urban Environmental Management, SERD. Each student will receive USD 200.



Bhagya Enterprises donated 280,000 Baht towards partial scholarship for a deserving Thai student in the Energy field of study at AIT. Handing over a cheque of 280,000 Thai Baht to AIT President, Prof. Worsak Kanok-Nukulchai, the Managing Director of Bhagya Enterprises, Mr. Sisira Mendis Abeysekera, stated that his company is happy to support deserving students.



UNOCAL Myanmar granted two scholarships to students studying at the Asian Institute of Technology. Handing over the scholarship cheque to AIT on 27 October 2014, Mr. Mariano L Vela, President, Unocal Myanmar Offshore Co. Ltd., stated that the scholarships mark the beginning of a partnership with AIT.

Both scholarship recipients, Ms. Hnin Pann Phyu of Telecommunications field of study, and Ms. May Thazin Khine of Structural Engineering field of study, are from Myanmar.

Mr. Mariano was accompanied by Ms. Bannaporn Vongwilai, External Affairs Specialist, Chevron Asia South Limited.

AWARDS AND RECOGNITION

FACULTY / STAFF

School of Engineering and Technology

★ **The Powersuit Exoskeleton Robot designed for the construction industry by Dr. Manukid Parnichkun of AIT's School of Engineering and Technology was featured by the Thai newspaper Matichon on 22 April 2014.**

The article highlights that the Powersuit Exoskeleton Robot, which is a wearable robot, that can carry a payload upto 80 kilograms.

The robot movement is controlled through switches attached to each joint. Hydraulic actuators are attached at the elbow and shoulder joints in each arm. Made of stainless steel, the Powersuit weights 41 kilograms.

★ **New study led by AIT's Dr. Pennung Warnitchai indicates threat to Bangkok's tall buildings from distant large earthquakes**

Not many saw it coming. The strongest ever earthquake with an epicenter in Thailand caught the country off guard as it struck the North with deadly intensity. Killing one and injuring twenty-three, the powerful 6.3-magnitude shudder that shook Chiang Rai province on May 5 cleaved gaping fissures in highways and damaged thousands of homes, Buddhist temples, ancient heritage sites, schools, hospitals and utilities.

★ **AIT faculty edit book on climate change and water resources**

A book on "Climate Change and Water Resources," jointly edited by Dr. Sangam Shrestha and Prof. Mukand Singh Babel, both faculty at the Asian Institute of Technology (AIT) was released by CRC Press.

Released in May 2014, the book has 11 chapters divided into four sec-

tions covering various aspects of water and climate change.

Both Dr. Shrestha and Prof. Babel are faculty at Water Engineering and Management (WEM) at AIT's School of Engineering and Technology (SET). Besides Dr. Sangam and Prof. Babel, the third editor of the book, Dr. Vishnu Prasad Pandey serves at the Asian Institute of Technology and Management (AITM), Nepal. Book chapter contributors include Dr. Anshul Agarwal and Dr. Victor R Shinde, both from WEM, AIT.

★ **AIT chosen as lead organizer for 2015 International Congress on logistics and SCM Systems in Chiang Mai, Thailand**

The Asian Institute of Technology was selected as the lead organizer for the 10th International Congress on Logistics and SCM Systems (ICLS) to be held in Chiang Mai, Thailand on 1- 4 July 2015.

The decision to opt for Thailand and AIT was made at the board meeting of the International Federation of Logistics and SCM Systems (IFLS) held in Pozan, Poland on July 2, 2014.

At the meeting chaired by Prof. Young-Hae Lee, Chairman of the IFLS, Professor Voratas Kachitvichyanukul, Dean of the AIT School of Engineering and Technology, was chosen to serve as chairperson for next year's international conference.

According to Prof. Voratas, the 2015 Congress will emphasize sustainability in logistics and manufacturing, and the effort to improve supply chains using environmentally-friendly management approaches.

★ **AIT and World Wide Fund (WWF) Thailand awarded US\$ 980K project from HSBC Water Sustainability Program**

An environmental protection project planned for Thailand by the Asian Institute of Technology (AIT) and World Wide Fund (WWF) Thailand valued at USD 980,000 was approved for funding by Hong Kong and Shanghai Banking Corporation (HSBC) Group Corporate Sustainability (UK).

The AIT-WWF joint proposal titled "Building Capacity and Strengthening Community Participation for Water Resources Management and Wetland Ecosystem Restoration in the Context of Climate Change in Lower Songkhram River Basin" was selected by HSBC from fifteen competitive bids submitted from around the world.

The HSBC Water Sustainability Program will provide funding to the project that commenced on 1 September 2014 and operate until the end of 2016. AIT's role covers academic research and training, while WWF Thailand will focus on ground level support.

★ **AIT's V-watch project awarded prize at Thailand's IT princess awards competition**

AIT's Vehicle Watch System (V-Watch), a project developed by a team of researchers from Computer Science and Information Management and Industrial System and Engineering, School of Engineering and Technology, recently received a prize at Thailand's 9th IT Princess Awards Competition in the category of Embedded Applications & Tools.

Over 200 software developers participated in the competition organized

by the Foundation for Research in Information Technology (FRIT). The AIT research team received a 100,000 Thai Baht cash prize at the award presentation ceremony held on 30 October 2014 at SCB Headquarters in Bangkok.

The research team consists of Dr. Mongkol Ekpanyapong (Principal Investigator), Dr. Matthew Dailey (Co-Principal Investigator), and team members Jednipat Moonrinta (Engineer and Research Associate in Computer Science and Information Management, AIT), Ramesh Marikhu (Engineer and Senior Research Associate in CSIM, AIT), and Vasant Timtong (Engineer and Research Associate in ISE, AIT). Dr. Supakorn Siddhichai of the National Electronics and Computer Technology Center (NECTEC) also served as a Co-Principal Investigator.

The IT Princess Awards Competition supports and recognizes research and development in Thailand's information technology sector to advance to international levels, to explore its benefits, and to promote human resources in the field of IT in both the public and private sectors.

AIT's Vehicle Watch System (V-Watch) is an intelligent, automated car-watching system that 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.

The project is funded by Thailand's National Science and Technology Development Agency (NSTDA) and is considered a joint technology with AIT. Each partner shares the intellectual property (IP) and patent rights. According to the AIT researchers, the Vehicle Watch System has numerous applications. It is a flexible system that can adjust to users' requirements, such as for monitoring and enforcing vehicular traffic, creating intelligent parking, or automated vehicle counting in warehouses or at large parking facilities.

★ AIT faculty members co-author book on managing water resources

Three AIT faculty, Dr. Sangam Shrestha, Dr. Anil K. Anal, and Dr. Abdul Salam, co-authored a book on "Managing Water Resources under Climate Uncertainty: Examples from Asia and Europe."

The book, published by Springer Publications was launched during the World Water Week in Stockholm, Sweden in September 2014. Michael Jarraud, Secretary General of World Meteorological Organization (WMO), and Blanca Elena Jiménez Cisneros, Director, Division of Water Sciences, Secretary, International Hydrological Programme, UNESCO, have written the foreword.

In his foreword, Michael Jarraud commends the authors of the book chapters and the editors for their work, and

urges readers to critically examine, review and make use of the material in the most relevant manner.

Blanca Elena Jiménez Cisneros, highlighted a long history of partnership between AIT and United Nations working towards research, education and capacity building.

Christoph Elineau, Coordinator of the SEA-EU-NET (SouthEast Asia European Union Network), writes in the foreword that one of the primary aims of the SEA-EU-NET project is "to stimulate deeper and more productive cooperation in three global societal challenges: health, food and water."

The book includes several climate change impact studies from the water sector, illustrates various sources of uncertainties while dealing with climate prediction, and provides adaptive measures to cope with future climate change for a sustainable water sector.

Comprising of 20 chapters, the book has two sections on "Understanding the Impacts" and "Adaptation," says Dr. Sangam Shrestha of Water Engineering and Management field of study in AIT's School of Engineering and Technology (SET). The book is replete with examples from Asia and Europe with successful adaptive measures to change the challenge of climate change into opportunities, Dr. Sangam adds.

Dr. Anil K. Anal of Food Engineering and Bioprocess Technology of AIT's School of Environment, Resources and Development (SERD) states: "The book also provides adaptive measures to cope with future climate change for a sustainable water sector." Dr. Abdul Salam of Energy field of study of SERD adds that the book "aims to come up with views to address the queries of planners, policymakers, and general people for water resources management."

The book seeks to address the queries of planners, policymakers, and general people for water resources management under uncertainty of climate change, including examples from Asia and Europe with successful adaptive measures to change the challenge of climate change into opportunities.



Dr. Nitin Kumar Tripathi was promoted to the rank of Full Professor following the endorsement of his promotion at the Executive Committee meeting on 24 December 2013 and the approval of the Board of Trustees at its meeting held on 16 January 2014.



Dr. Surachet Pravinvongvuth received 'Certificate of Achievement, National Research Council of Thailand (NRCT)', Thailand, 2014. (The certificate was given to the team of EXAT engineers for the research work on "Development of system and Sensors for Origin-Destination

Trip Data Collection by Mobile Phones".



Dr. Pham Huy Giao was awarded 'Honorable Recognition Award for the EAGE Student Lecture Tour in the Asia-pacific region (2014-2015)' given to a Selected Speaker by European Association of Geoscientists and Engineers (EAGE).

School of Environment, Resources and Development



Professor Nguyen Thi Kim Oanh was awarded "AIT Distinguished Researcher Awards" for 2014, in the category of Senior Research Leader. A Vietnam national, Prof. Kim Oanh lectures in the Environmental Engineering and Management (EEM) field of study at School of Environment, Resources and Development.

A book edited by Professor Nguyen Thi Kim Oanh titled "Improving Air Quality in Asian Developing Countries: Compilation of Research Findings" was released in October 2014. The 379-page book funded by Swedish International Development Cooperation Agency (Sida) was published by the Vietnam Publishing House of Natural Resources, Environment and Cartography (NARENCA) Ministry of Natural Resources and Environment, Vietnam.



Prof. Athapol Noomhorm, Dr. Imran Ahmad and Assoc. Prof. Anil K. Anal released a new book titled "Functional Foods and Dietary Supplements", in July 2014. Published by Wiley-

Blackwell (UK), the seventeen-chapter compilation subtitled "Processing Effects and Health Benefits" contains the latest findings on the health and disease prevention benefits of functional foods.

Edited by Prof. Athapol Noomhorm, Dr. Imran Ahmad, and Assoc. Prof. Anil Kumar Anal of the Food Engineering and Bioprocess Technology (FEBT) field of study, the book focuses on functional ingredients of Asian origin that are of interest globally, especially in Western countries.



Dr. Rajendra Shrestha, Associate Professor in NRM/SERD was appointed the new chair of the AIT Academic Senate. He succeeded Prof. Jayant Kumar Routray, who completed his tenure of two years. Dr. Shrestha's term began from 24 May 2014.



Dr. P. Abdul Salam was promoted to the rank of Associate Professor in the School of Environment, Resources & Development (SERD). He is a faculty member in Energy Field of Study.



Dr. Ram C. Bhujel authored a book titled "A Manual for Tilapia Business Management." Published by CAB International based in Oxfordshire, UK. The book is targeted at tilapia farmers and producers, besides students of aquaculture.

School of Management

★ Dr. Sununta Siengthai promoted as Professor



Dr. Sununta Siengthai was promoted as Professor. Her elevation was announced by AIT President Prof. Worsak Kanok-Nukulchai on 24 July 2014. Dr. Sununta was made full Professor following the approval of the Board of the Trustees at its meeting held on 17 July 2014.

Dr. Sununta's research encompasses the areas of strategic human resource management for firm innovation and competitive advantage, new economy, eWork and employment practices, Human Resource Management (HRM) and organization learning for productivity improvement, organizational change for productivity improvement, HRM and knowledge management, career management and organizational performance, labor relations, productivity and enterprise competitiveness, and developing and nurturing HRD systems in the K-Economy.

★ Dr. Yuosre Badir promoted as Associate Professor



Dr. Yuosre Badir has been promoted to the rank of Associate Professor in AIT's School of Management (SOM). His elevation was announced by the AIT President Prof. Worsak Kanok-Nukulchai following the recommendations of the Faculty Evaluation Panel (FEP) and the SOM Faculty Evaluation Committee.

Dr. Yuosre Badir's research encompasses the areas of Technology, International Strategic Alliance, Organization Theory and Design.

STUDENTS

School of Engineering and Technology

★ **Known for their academic and research excellence, students of the Asian Institute of Technology (AIT) are also making waves with their creative faculties -- particularly in the field of multimedia.**

At the sixth Asian Ministerial Conference for Disaster Risk Reduction (AMCDRR), students from the Disaster Preparedness, Mitigation and Management (DPMM) program presented a video titled "Life in the floodplains of Thailand." The video depicted life and flood resilience of people in Ban Pho district in Central Thailand. Created by AIT students, the DPMM team included Elaine Chong,

Karn Paneetsin, Saswata Sanyal, Thanapa Pornprakit, Jidapa Kss, and Amin Shamseddini of DPMM.

Interviews of Dr. Sutat Weesakul, Prof. Jayant Kumar Routray, and Dr. Mokbul Morshed Ahmad of AIT were supplemented by field interviews of Suchat Kanluksom, Tambon Administrative Organization (TAO) Chief; Natthawut Phanthongkum, Early Warning Official; Somjit Premprung-wit, Headman; Provost Watcharasuwannakorn, Abbot, Kradongthong Temple; Kanittha Leelachaicharenpun, Teacher; Seree Dechredee, Farmer; Vichain Valadee, Principal, Wat Pho School; and Veerapol Sri-nanuwat, District Governor.

The DPMM team relied on the expertise of another AIT student, Fawad Najam, for producing the video. Fawad, who is pursuing his Doctoral studies in Structural Engineering, was also instrumental in another video which won an award in December 2013. The AIT video was a finalist in European Union's "Sustainable Consumption and Production (SCP)" Thailand Video Competition. Out of 51 entries, the AIT video, which was produced by the team including Adnan Nawaz, Muhammad Zeeshan Ali Khan and Fawad Ahmed Najam was ranked fifth.

School of Environment, Resources and Development

Mr. Dong Nguyen, a student from EEM program in SERD received the award for the Best Student Paper awarded by the West Coast Section of the Air and Water Management Association (AWMA) for its annual AWMA 2014 Conference. Dong's paper is based on research conducted during his master's study at AIT. The Best Student Paper Award fetched him a cash prize of USD 1500 for participating in the International Air and Waste Management Association Meeting and its Student Poster Competition held on 24 June 2014 in Long Beach, California, USA.

SERD welcomed its first batch of 11 undergraduate students on 2 September 2014 from Sri Lanka's South Asian Institute of Technology and Management (SAITM). They joined SERD for their third year of Bachelor's program in Bio Systems Engineering. These students will complete their third and fourth years of the program. SERD will also host 30 students in 2015 in the same program.

Miss Renu Adhikari, Ms. Khin Seint Seint Aye and Ms. Prashalini Kalimuthu from the Environmental Engineering and Management field of study, were the winners of the "Youth Debate on Water & Sanitation".

The event was the preparatory session for the 7th World Water Forum in Conjunction with the 1st IWA Specialist Conference on Municipal Water Management and Sanitation in Developing Countries, held on 4 December 2014 at AIT Conference Center. As prize for winning the event, these young students will represent their countries at the Forum in South Korea in early 2015.

Mr. Aung Kyaw Naing, Mr. Rehan UI Haq and Mr. Sam Chanthay participated in a debate at FAO last 21 March 2014, which was organized to mark the International Day of Forests. They won the First place.

GRADUATION PRIZE/AWARD RECIPIENTS IN 2014 IN RECOGNITION OF THEIR MOST OUTSTANDING ACADEMIC PERFORMANCE

★ **Mr. Alok Anil Parkhi**

The Tim Kendall Memorial Prize, Industrial and Manufacturing Engineering

★ **Ms. Aye Sandar Phyo**

The James A Linen III Memorial Prize, Regional and Rural Development Planning

★ **Mr. Chairath Sirirattanapol**

The Aoyagi Prize, Information and Communication Technologies

★ **Mr. Chenghui Zeng**

The Robert B Banks Prize, Environmental Engineering and Management

The Chongrak Polprasert Prize, Water and Wastewater Engineering

★ **Ms. Cho Cho Win**

The YY Kishida Prize, Agricultural Systems and Engineering

★ **Ms. Hnin Shwe Zin Hlaing**

The Alastair M North Prize, Gender and Development Studies

★ **Mr. Hussain Bakhsh**

The Sandeep Kalita Memorial Prize, School of Management

★ **Ms. Jariya Panta**

The A B Sharma Memorial Prize, Information and Communications Technologies and Telecommunications

The Wireless Personal Multimedia Communications (WPMC) Prize, Telecommunications (Wireless Multimedia)

★ **Ms. Kwanhatai Thongpalad**

The Mahadeo N Salokhe Memorial Prize, Agribusiness Management

★ **Mr. Md Kamrul Hossain**

The Chainarong Na Lamphun Prize, Water Engineering and Management

★ **Mr. Mitesh Vishwas Sawant**

The YY Kishida Prize, Agricultural Systems and Engineering

★ **Mr. Mohammad Dalower Hossain**

The AIT Alumni Association Prize, School of Engineering and Technology

The John A Hrones Prize, Remote Sensing and Geographic Information Systems

★ **Ms. Natasha Hazarika**

The Prof Lal Chand Wadhwa Memorial Prize, Urban Environmental Management

★ **Mr. Nishant Shandilya**

The AIT Alumni Association Prize, School of Management

★ **Ms. Pawarisa Luangthongkam**

The Yoh Kurosawa Prize, School of Environment, Resources and Development (female)

The Hisamatsu Prize, Food Engineering and Bioprocess Technology

★ **Mr. Run Sereyath**

The Mahesh Varma Prize, Construction, Engineering and Infrastructure Management

★ **Mr. Sakol Kitkasiwat**

The Hisamatsu Prize, Mechatronics

★ **Ms. Shubhechchha Sharma**

The AIT Alumni Association Prize, School of Environment, Resources and Development

The Yoh Kurosawa Prize, School of Environment, Resources and Development (female)

The Tim Kendall Memorial Prize, Natural Resources Management

★ **Ms. Sirajum Munira**

The Hiromichi Seya Prize, School of Engineering and Technology (female)

The Professor Lal Chand Wadhwa Memorial Prize, Transportation Engineering

★ **Mr. Subas Ratna Tuladhar**

The Yoshiro Takasaki Prize, Energy

★ **Mr. Tran Xuan Hop**

The James A Linen III Memorial Prize, Pulp and Paper Technology

★ **Mr. Vijak Khupviwat**

The Chin Fung Kee Prize, Geotechnical and Earth Resources Engineering

★ **Mr. Wasim Sabbir**

The C Kwei Lin Prize, Aquaculture and Aquatic Resources Management

★ **Ms. Wiwanya Satyarakwit**

Wilhelm Hill Prize, School of Management

The Shoichiro Toyoda Prize, School of Management (female)

ALUMNI

★ Awarded the United States Bureau of Reclamation 2014 Engineer of the Year.



Dr. Subhrendu Gangopadhyay, Ph.D., hydrologic engineer in Reclamation's Technical Service Center in Denver, is the Bureau of Reclamation's Engineer of the Year for 2014. He recently represented Reclamation at the Federal Engineer of the Year Awards Luncheon at the National Press Club in Washington.

Dr. Gangopadhyay received both his Master of Engineering in Water Resources Engineering 1993, and Doctor of Engineering in Water Resources Development 1997 from AIT School of Civil Engineering.

Dr. Gangopadhyay is the Technical Service Center Engineer of the Year and is a registered Professional Engineer in Colorado, and he is also a member of the American Geophysical Union.

For more details, pls visit: <http://www.usbr.gov/newsroom/newsrelease/detail.cfm?RecordID=46046>

★ New Chairman of the Colombo Stock Exchange and was also recently awarded the Best Investment Banking CEO Sri Lanka 2014.



Vajira Kulatilaka a Colombo Stock Exchange (CSE) board member since October 2009 and succeeded Krishan Balendra as the new Chairman of CSE from June 5, 2014.

Vajira Kulatilaka, was also recently adjudged the 'Best Investment Banking CEO Sri Lanka 2014' by Global Banking and Finance Review. Vajira Kulatilaka, received his Master of Engineering in Industrial Engineering and Management from School of Advanced Technologies at Asian Institute of Technology (AIT) in 1987. He was awarded AITAA Distinguished Alumni Award in Year 2011.

Mr. Kulatilaka is the CEO/Director of NDB Capital Holdings PLC and overlooks the operations of the Investment Banking Cluster of the NDB Group, which comprises of NDB Investment Bank Limited, NDB Securities Pvt Limited, NDB Wealth Management Limited and NDB Capital Limited, Bangladesh.

He carries over 29 years of experience in the Finance Sector and Capital Market of Sri Lanka. Prior to joining NDB Investment Bank Limited, he functioned as the Chief Executive Officer at CKN Fund Management (Pvt) Limited. Kulatilaka has been instrumental in managing some of the largest IPO's in Sri Lanka.

For more details, please visit: http://www.ait.ac.th/news-and-events/2014/news/ait-alumnus-to-be-new-chairman-of-colombo-stock-exchange/view#.U3xCR_mSxel

★ Mr. Basanta Shrestha appointed as Director of Strategic Cooperation at the International Center for Integrated Mountain Development (ICIMOD).



Mr. Shrestha received his M.Eng. in Computer Science & Information Management from School of Advanced Technologies in 1989.

Mr. Shrestha joined ICIMOD in 1990 as a founder member of Mountain Environment and Natural Resources Information System (MEN-RIS) programme at ICIMOD.

Mr. Shrestha is a key proponent in promoting mountain agenda in the global and regional forums. Mr. Shrestha has been granted a Presidential award (2001) and Special Achievement Award (2014) by Environmental System Research Institute USA. The award was given for his leadership and in recognition of ICIMOD's contributions towards promotion of GIS technology and applications in the Himalayan region.

For more details, please visit: <https://sites.google.com/a/ait.asia/alumni/home/nepal/basantashrestha>

★ Dr. Cao Quoc Hung has been appointed as Deputy Minister, Ministry of Industry and Trade in Vietnam.



Dr. Hung is a graduate of AIT having obtained his doctor of Engineering in Energy Technology from the School of Environment, Resources and Development (SERD) in 1998. He worked on the topic "Sectoral Energy Demand Analysis and Long-Term Demand Forecasting for the S.R. Vietnam."

Demand Forecasting for the S.R. Vietnam."

Before being appointed as Deputy Minister of Industry and Trade, Dr. Cao Quoc Hung held various important positions in the government, including Deputy Director of International Cooperation Department (Ministry of Industry), Director of International Cooperation Department (Ministry of Industry and Trade), and Deputy Director of General Department of Energy (Ministry of Industry and Trade).

News about his appointment has been reported in the media in Vietnam: Talk Vietnam, Vietnam Breaking News.

- ★ **The Association of Professional Bankers (APB) has elected Piyal D Hennayake as its President at the AGM. He succeeded Sampath Bank CEO/ MD Aravinda Perera.**



Hennayake is the Deputy General Manager – Services of Hatton National Bank PLC and CEO/Director of its subsidiary Sithma Development Pvt Ltd.

He graduated from Moratuwa University in 1982 with Second class upper Degree in Civil Engineering and obtained Post Graduate Diploma in Engineering (Construction Management) in 1991. Hennayake completed his MBA in Management of Technology from Asian Institute of Technology (AIT) in 1992.

He joined CECB as a Civil Engineer after graduation and worked in several projects until 1990. Following the MBA he changed his career and moved to Lanka Ventures Ltd, as the Portfolio Manager in 1992. He commenced his banking career in 1995 joining HNB as the Senior Manager – Project Finance. He rose to the position of AGM – Project Finance and in 2004 was appointed to Head of three Regions managing 35 branches.

Source: <http://www.dailymirror.lk/business/other/44342-hennayake-elected-apb-president-.html>

- ★ **Mr. Suman Prasad Sharma, an alumnus of the Asian Institute of Technology (AIT) has been appointed as Secretary, Ministry of Information and Communications, Nepal. His appointment was cleared at the meeting of the Nepal Council of Ministers held on 10 April 2014.**



Mr. Sharma graduated in 1995 with a Master's degree in Environmental Technology and Management from AIT's School of Environment, Resources and Development (SERD). He completed his Bachelor's in Civil Engineering from Maulana Azad College of Technology, Bhopal, India.

Bhopal, India.

Beginning his career as an assistant engineer in the Department of Water Supply and Sewerage, Mr. Sharma has served as Joint Secretary in the Ministry of Physical Planning and Works, Regional Administrator in the Western Development Region of Nepal, and Financial Comptroller General of Nepal.

More details are available at this link: <http://www.moic.gov.np>

- ★ **Mr. Yuba Raj Bhusal, an alumnus of the Asian Institute of Technology (AIT) has been appointed as the new Finance Secretary of Nepal. His appointment was announced following a meeting of the Council of Ministers of Nepal, which was held on 10 April 2014.**



Mr. Bhusal, who studied Regional Development Planning and Management from AIT's School of Environment, Resources and Development (SERD), graduated in 1996. He was awarded a Gold Medal (Mahendra-vidyabhushan) by the then King of Nepal for his outstanding academic performance having scored a perfect GPA score of '4' from AIT.

Prior to his appointment as Finance Secretary, Mr. Bhusal was serving as Secretary, National Planning Commission of Nepal. Having joined the Nepal Civil Service in 1980, Mr. Bhusal has served in various positions both in Nepal and abroad. He has also served as Provincial Budgeting Advisor with UNDP/Ministry of Finance in the Islamic Republic of Afghanistan in 2007-08.

Further details about Mr. Bhusal are available at this link: <http://www.mof.gov.np/en/>

- ★ **Mr. Krishna Prasad Timsina has been selected for a scholarship award by USAID, Horticulture Innovation Lab and University of California, Davis, USA, for participation in the 29th International Horticultural Congress 2014.**



Krishna, while pursuing his doctorate in Agri Business Management under the supervision of Prof. Ganesh Shivakoti in AIT's School of Environment, Resources and Development (SERD), attended the 29th International Horticultural Congress from 17-22 August 2014 in Brisbane, Australia.

Krishna delivered a poster presentation at the symposium where he showcased his research work based on his paper titled "Impacts of a New Post-harvest Drying Technology on the Horticultural Seed Value Chain in Nepal." The scholarship award included round trip air travel, lodging, full conference registration fees, visa and transportation.

The paper was coauthored by Krishna along with P Dahal and K J Bradford of University of California, Davis, USA; K Kunusoth of Acharya N G Ranga Agricultural University, Hyderabad, India; J Van Asbrouck of Rhino Research Group, Bangkok, Thailand; I Pandey of Center for Agricultural Policy Research, Extension and Development (CEAPRED), Lalitpur, Nepal; J Bajracharya of Nepal Agricultural Research Council (NARC), Kathmandu, Nepal; and Prof. Ganesh Shivakoti of AIT.

More details about the conference are available at this link: www.ihc2014.org

★ **Mr. Chandrashekar Kakal, has been appointed as Chief Operating Officer (COO) of Larsen and Toubro (L&T) Infotech. L&T Infotech is a subsidiary of L&T Limited, a USD 14 billion conglomerate.**



Mr. Kakal, who graduated from AIT's School of Management with a Master's degree in International Business in 1996 joined the board of directors of L&T Infotech, which is ranked among the top 10 IT service companies in India.

Kakal, who has three decades of experience in the global IT sector, has served as Senior Vice President of Infosys. At Infosys, where he served for 15 years, Kakal was responsible for global delivery operation, and he also headed the India business unit, besides being responsible for application development and infrastructure management. Prior to Infosys, Kakal worked in Ramco Systems Ltd, Wipro Ltd, and Ashok Leyland.

News about Kakal's appointment has been widely covered in the media including in some prominent links such as in Economic Times.

★ **Mr. Chusak Gaywee, President of AIT Alumni Association (Thailand), has been appointed as the new Director General of the Department of Highways, Thailand.**



Mr. Chusak assumed his position from 1 October 2014. His appointment was approved by the Council of Ministers, Royal Thai Government, in its meeting held on 23 September 2014.

Mr. Chusak Gaywee received his Master in Engineering in Structural Engineering and Construction from AIT in 1982. He completed his Bachelor's in Engineering (B.E.) in Civil Engineering from Chiang Mai University, and has a Certificate of Transportation Planning, University of Westminster, London and University of Birmingham.

He has served as Deputy Permanent Secretary, Ministry of Transport; Deputy Director General for Engineering; and Director of the Planning Bureau of the Department of Highways.

Mr. Chusak is the fifth AIT alumnus to hold this position. The previous four AIT alumni who held this position include: Mr. Sathien Vongvichien (1986–1990); Dr. Srisook Chandrangsu (1997 – 2000); Mr. Thursakdi Sedthamanop (2002 – 2005); and Mr. Nikorn Boonsri (2007 – 2008). Dr. Srisook was also President of AITAA (Thailand).

★ **Dr. Kittichai Trairatanasiricha has been reappointed the president of Khon Kaen University. The selection was formalized at the meeting of the Khon Kaen University Council held on 2 November 2014.**



The announcement was made by Dr. Narongchai Adornseranee, Chairman of the University Council, after listening to the vision statement and presentations of three candidates.

The University Council met to select the 11th President of the University. Khon Kaen University stated that "The reason for selecting him is the concrete results he has achieved which developed Khon Kaen University and he was able to explain what work he will continue and change to keep up with the changing world, nation, region and community from the largest to smallest scale."

Dr. Kittichai graduated with a Bachelor's degree in engineering from the Department of Mechanical Engineering, Khon Kaen University in 1978; and received Master in Engineering (Agricultural Machinery) from AIT in 1985. He completed his doctoral degree in Machine Design and Manufacturing from Niigata University Japan in the year 1991. The recommendation was presented before the Commission for Higher Education (OHE) for presentation to the Cabinet before the president was installed through a royal decree.

Details are available at this link: <http://www.kku.ac.th/news/v.php?q=0007548&l=en>

★ **Dr. Jummai Othniel Yila, AIT Alumna, recipient of the African Women in Agricultural Research and Development Award in 2014.**



The award is supported by the Bill & Melinda Gates Foundation, the United States Agency for International Development (USAID), and the Alliance for a Green Revolution in Africa.

Dr. Yila is the third of nine children, who grew up in a farming community in northern Nigeria. Her parents expected academic excellence from all of their children, and Yila did not disappoint them. She achieved the highest score possible for doctoral admission in Thailand, and completed her PhD in Gender and Development Studies from AIT School of Environment, Resources and Development (SERD) in 2013. Dr. Yila's research area is in assessment of gender-differentiated vulnerabilities to climate change to facilitate development of long-term adaptation strategies for women smallholder farmers.

Read her full profile at: <http://awardfellowships.org/images/downloads/fellow-profiles/2014/Yila-Jummai-Othniel-AWARD-Profile.pdf>

APPENDICES

FINANCIAL STATEMENT AND AUDITOR'S REPORT

INDEPENDENT AUDIT'S REPORT

To the Board of Trustees of Asian Institute of Technology

I have audited the accompanying financial statements of Asian Institute of Technology, which comprise the statement of financial position as at 31 December 2014, 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 2014, 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

25 May 2015

STATEMENTS OF FINANCIAL POSITION

	Note	31 December	
		2014	2013
<i>(in Baht)</i>			
ASSETS			
<i>Current assets</i>			
Cash and cash equivalents	4	319,693,748	509,322,273
Current investments	5	483,709,927	278,473,454
Accounts receivable	6	141,319,744	152,159,578
Receivables from Program fund		38,855,896	37,794,483
Assets held on behalf of donors	10	265,301,215	263,932,356
Assets held on behalf of UNEP RRC.AP	11	88,790,587	93,153,104
Other current assets		18,509,398	40,701,577
Total current assets		1,356,180,515	1,375,536,825
<i>Non-current assets</i>			
Restricted deposits of financial institutions	5	15,100,000	15,100,000
Property and equipment	7	668,762,828	627,839,499
Total non-current assets		683,862,828	642,939,499
Total assets		2,040,043,343	2,018,476,324
LIABILITIES AND FUND BALANCES			
<i>Current liabilities</i>			
Accounts payable and accrued expenses	8	166,661,830	168,119,802
Advances from Program fund		188,803,584	154,748,412
Deposit payables		5,069,106	4,592,846
Amounts due to donors	10	265,301,215	263,932,356
Amounts due to UNEP RRC.AP	11	88,790,587	93,153,104
Total current liabilities		714,626,322	684,546,520
<i>Non-current liabilities</i>			
Employee benefit obligations	9	21,778,398	24,655,605
Total non-current liabilities		21,778,398	24,655,605
Total liabilities		736,404,720	709,202,125
<i>Fund balances</i>			
Endowment fund balances		139,091,236	137,836,656
Capital funds balances		683,185,859	748,258,438
General reserve		481,361,528	423,179,105
Total fund balances		1,303,638,623	1,309,274,199
Total liabilities and fund balances		2,040,043,343	2,018,476,324

STATEMENTS OF REVENUES AND EXPENSES

		31 December	
	Note	2014	2013
<i>(in Baht)</i>			
INCOME			
Tuition and other fees		437,072,144	443,861,537
Research grants and contract service income		139,947,388	81,335,731
Support operations		142,479,561	127,759,828
Training		154,705,892	200,198,150
Other contributions		13,853,991	18,300,678
Faculty secondments		26,434,193	36,277,051
Total income		914,493,169	907,732,975
EXPENSES			
Salaries and benefits	12	334,867,533	356,650,918
Materials, supplies and services		200,250,109	200,579,061
Contracted services		210,943,319	223,006,698
Communication and travel		31,239,261	43,386,441
Utilities and insurance		60,956,620	65,565,437
Faculty secondments		26,434,193	36,277,051
Total expenses		864,691,035	925,465,606
Income over (under) expenses		49,802,134	-17,732,631
Depreciation	7	-70,804,075	-70,337,635
Income under expenses including depreciation		-21,001,941	-88,070,266
Non operating income and expenses			
Investment income		21,536,066	22,554,835
Other income		115,600	-
Loss on exchange rate		-1,670,482	-3,367,304
Loss on disposal of assets		-	-150,197
Replenishment/ replacement of damaged item		-3,771,132	-2,460,380
Income under expenses		-4,791,889	-71,493,312

STATEMENTS OF CASH FLOWS

		For the year ended 31 December	
	Note	2014	2013
(in Baht)			
CASH FLOWS FROM OPERATING ACTIVITIES			
Opening fund balances		1,309,274,199	1,361,821,535
Closing fund balances		1,303,638,623	1,309,274,199
Movement in fund balances		-5,635,576	-52,547,336
<i>Adjustments to reconcile movement of fund balances</i>			
Doubtful debts	6	3,674,509	3,641,767
Depreciation		70,804,075	70,337,635
Unrealised gain on exchange rate		-185,986	-5,334,547
Reversal of employee benefit obligation		-1,464,565	-
Movement in fund balances from operating activities before changes in operating assets and liabilities		67,192,457	16,097,519
<i>Changes in operating assets and liabilities:</i>			
Accounts receivable		7,165,325	11,390,292
Receivables from Program fund		-1,061,413	-231,809
Other current assets		22,192,179	226,244,200
Advance deposits		-	624
Accounts payable and accrued expenses		-1,457,972	-46,276,722
Advances from Program fund		34,055,172	-30,643,563
Deposit payables		476,260	-215,592
Employee benefit obligation paid		-1,412,643	-1,299,544
Net cash from operating activities		127,149,365	175,065,405
CASH FLOWS FROM INVESTING ACTIVITIES			
Decrease (increase) in current investments		-205,236,473	116,032,352
Increase in restricted deposits of financial institutions		-	(50,000)
Purchase of property and equipment		-112,807,774	-74,080,940
Net cash from (used in) investing activities		-318,044,247	41,901,412
Net increase (decrease) in cash and cash equivalents		-190,894,882	216,966,817
Cash and cash equivalents at beginning of year		509,322,273	288,841,248
Effects of exchange rate changes on balances held in foreign currencies		1,266,357	3,514,208
Cash and cash equivalents at end of year	4	319,693,748	509,322,273

STATEMENTS OF CHANGES IN FUND BALANCES

Note	Unrestricted Current fund	Unrestricted fund – General	Restricted funds		Unrestricted fund (in Bath)	Restricted fund – General reserve	Capital funds	Total	
			Endowment fund	Program fund				Property and equipment	31 December 2014
Balances 1 January	-	-	137,836,656	-	-	423,179,105	748,258,438	1,309,274,199	1,361,821,535
Adjusted loss on foreign currency translation of AITVN	-	-	-	-	-	(9,902,078)	4,595	(9,897,483)	10,292,795
Adjusted Balances as at 1 January	-	-	137,836,656	-	-	413,277,027	748,263,033	1,299,376,716	1,372,114,330
Additions (Deductions):									
Income over (under) expenses for the year (AITTH)	128,185,225	10,527,894	1,254,580	7,145,891	(87,103,483)	4,180,217	(73,182,446)	(8,992,122)	(76,205,644)
Income over (under) expenses for the year (AITVN)	-	870,298	-	4,607,095	-	-	(1,277,160)	4,200,233	4,712,332
Total additions (deductions) for the year	128,185,225	11,398,192	1,254,580	11,752,986	(87,103,483)	4,180,217	(74,459,606)	(4,791,889)	(71,493,312)
Total	128,185,225	11,398,192	139,091,236	11,752,986	(87,103,483)	417,457,244	673,803,427	1,294,584,827	1,300,621,018
TRANSFER TO (FROM) OTHER FUNDS:									
Unrestricted current fund	-	-	-	-	-	128,185,225	-	128,185,225	65,690,528
Unrestricted fund – General	-	-	-	-	-	11,398,192	-	11,398,192	292,763
Restricted funds									
– Endowment	-	-	-	-	-	-	-	-	-
– Program fund	-	-	-	-	-	11,752,986	7,915,658	19,668,644	36,521,838
Unrestricted fund – Intergrated facility management	-	-	-	-	-	(87,103,483)	-	(87,103,483)	(96,845,596)
Restricted fund – General reserve	(128,185,225)	(11,398,192)	-	(11,752,986)	87,103,483	-	328,636	(63,904,284)	3,672,828
Capital Fund – Property and equipment	-	-	-	(7,915,658)	-	(328,636)	-	(8,244,294)	(9,332,361)
– Liquid assets	-	-	-	-	-	-	-	-	-
Transfers from funds held on behalf of others	-	-	-	-	-	-	1,138,138	1,138,138	925,804
Reclassification to receivables from Program fund	-	-	-	(114,064,938)	-	-	-	(114,064,938)	(124,684,794)
Reclassification to advance from Program fund	-	-	-	121,980,596	-	-	-	121,980,596	132,412,171
Total	(128,185,225)	(11,398,192)	-	(11,752,986)	87,103,483	63,904,284	9,382,432	9,053,796	8,653,181
Balances as at 31 December	-	-	139,091,236	-	-	481,361,528	683,185,859	1,303,638,623	1,309,274,199

STATEMENTS OF FINANCIAL POSITION AS AT 31 DECEMBER 2013 AND 2014

Note	Unrestricted Current fund	Unrestricted fund-General		Restricted funds		Unrestricted fund Integrated facility management	Restricted fund - General reserve	Capital funds Property and equipment	Agency fund		Total
		Unrestricted fund-General	Endowment fund	Program fund	Endowment fund				31 December 2014	31 December 2013	
<i>(in Bath)</i>											
ASSETS											
Current assets											
4	15,287,691	(125,512,862)	55,013	(8,237,322)	9,107,425	397,092,057	31,901,746	31,901,746	319,693,748	509,322,273	
5	42,162,725	123,843,544	139,069,855	94,830,342	-	83,803,461	-	-	483,709,927	278,473,454	
6	40,067,294	8,683,153	-	85,608,714	6,960,583	-	-	-	141,319,744	152,159,578	
10	-	-	-	38,855,896	-	-	-	-	38,855,896	37,794,483	
11	3,902,582	720,511	8,808	12,557,514	853,973	466,010	-	-	88,790,587	93,153,104	
	101,420,292	7,734,346	139,133,676	223,615,144	16,921,981	481,361,528	31,901,746	31,901,746	1,356,180,515	1,375,536,825	
Non-current assets											
5	-	-	-	15,100,000	-	-	-	-	15,100,000	15,100,000	
7	-	-	-	-	-	-	668,762,828	668,762,828	668,762,828	627,839,499	
	-	-	-	15,100,000	-	-	668,762,828	668,762,828	683,862,828	642,939,499	
	101,420,292	7,734,346	139,133,676	238,715,144	16,921,981	481,361,528	700,664,574	700,664,574	2,040,043,343	2,018,476,324	
LIABILITIES AND FUND BALANCES											
Current liabilities											
8	79,997,806	6,449,071	42,440	48,492,605	14,201,193	-	-	17,478,715	166,661,830	168,119,802	
	-	-	-	188,803,584	-	-	-	-	188,803,584	154,748,412	
10	1,063,043	1,285,275	-	-	2,720,788	-	-	-	5,069,106	4,592,846	
11	-	-	-	-	-	-	-	-	265,301,215	263,932,356	
	81,060,849	7,734,346	42,440	237,296,189	16,921,981	-	-	17,478,715	714,626,322	684,546,520	
Non-Current liabilities											
9	20,359,443	-	-	1,418,955	-	-	-	-	21,778,398	24,655,605	
	101,420,292	7,734,346	42,440	238,715,144	16,921,981	-	-	17,478,715	736,404,720	709,202,125	
Fund balances											
	-	-	139,091,236	-	-	-	-	-	139,091,236	137,836,656	
	-	-	-	-	-	-	683,185,859	683,185,859	683,185,859	748,258,438	
	-	-	-	-	-	481,361,528	-	-	481,361,528	423,179,105	
	-	-	139,091,236	-	-	481,361,528	683,185,859	683,185,859	1,303,638,623	1,309,274,199	
	101,420,292	7,734,346	139,133,676	238,715,144	16,921,981	481,361,528	700,664,574	700,664,574	2,040,043,343	2,018,476,324	

STATEMENTS OF REVENUES AND EXPENSES FOR THE YEAR ENDED 31 DECEMBER 2013 AND 2014

	Note	Unrestricted Current fund	Unrestricted fund-General	Restricted funds		Unrestricted fund Integrated facility management	Restricted general reserve	Capital funds		Total	
				Endowment fund	Sponsored Program fund			Property and equipment	31 December 2014	31 December 2013	
<i>(in Bath)</i>											
INCOME											
Tuition and other fees		362,088,217	-	-	74,983,927	-	-	-	-	437,072,144	443,861,537
Research grants and contract service income		9,326,172	-	-	130,621,216	-	-	-	-	139,947,388	81,335,731
Support operations		2,662,909	53,190,120	-	-	86,626,532	-	-	-	142,479,561	127,759,828
Training		-	-	-	154,705,892	-	-	-	-	154,705,892	200,198,150
Other contributions		9,008,879	2,658,178	999,088	1,187,846	-	-	-	-	13,853,991	18,300,678
Faculty secondments		-	26,434,193	-	-	-	-	-	-	26,434,193	36,277,051
Total income		383,086,177	82,282,491	999,088	361,498,881	86,626,532	-	-	-	914,493,169	907,732,975
EXPENSES											
Salaries and benefits	12	185,235,147	11,843,132	-	130,626,600	7,162,654	-	-	-	334,867,533	356,650,918
Materials, supplies and services		21,905,452	29,442,652	200,673	130,375,920	18,325,412	-	-	-	200,250,109	200,579,061
Contracted services		50,308,570	7,824,676	-	62,706,226	90,103,847	-	-	-	210,943,319	223,006,698
Communication and travel		5,230,840	2,428,336	-	22,760,892	819,193	-	-	-	31,239,261	43,386,441
Utilities and insurance		1,496,153	(1,134,698)	-	3,276,257	57,318,908	-	-	-	60,956,620	65,565,437
Faculty secondments		-	26,434,193	-	-	-	-	-	-	26,434,193	36,277,051
Total expenses		264,176,162	76,838,291	200,673	349,745,895	173,730,014	-	-	-	864,691,035	925,465,606
Income over (under) expenses		118,910,015	5,444,200	798,415	11,752,986	(87,103,482)	-	-	-	49,802,134	(17,732,631)
Depreciation	7	-	-	-	-	-	-	(70,804,075)	-	(70,804,075)	(70,337,635)
Income over (under) expenses including depreciation		118,910,015	5,444,200	798,415	11,752,986	(87,103,482)	-	(70,804,075)	(21,001,941)	(21,001,941)	(88,070,266)
NON OPERATING INCOME AND EXPENSES											
Investment income		10,181,893	6,717,791	456,165	-	-	4,180,217	-	-	21,536,066	22,554,835
Other income (expenses)		3,771,132	-	-	-	-	-	(3,655,532)	-	115,600	-
Loss on exchange rate		(906,683)	(763,799)	-	-	-	-	-	-	(1,670,482)	(3,367,304)
Loss on disposal of assets		-	-	-	-	-	-	-	-	-	(150,197)
Replenishment/ replacement of damaged item		(3,771,132)	-	-	-	-	-	-	-	(3,771,132)	(2,460,380)
Income over (under) expenses		128,185,225	11,398,192	1,254,580	11,752,986	(87,103,482)	4,180,217	(74,459,607)	(4,791,889)	(4,791,889)	(71,493,312)

These notes form an integral part of the financial statements.

The financial statements issued for Thai statutory and regulatory reporting purposes are prepared in the Thai language. These English language financial statements have been prepared from the Thai language statutory financial statements, and were approved and authorised for issue by the President of the Institute on 25 May 2015.

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:

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

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 follow:

TFRS	Topic	Year effective
TAS 7 (revised 2012)	Statement of Cash Flows	2014

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 9 Employee benefit obligations
- Note 15 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. 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 op-

erating entity within an organisation which does not have a separate legal identity. The Branch will have separately identifiable assets, liabilities, cash flows, revenues and expenses over which it has accountability.

(B) FOREIGN CURRENCIES

Foreign currency transactions

Transactions in foreign currencies are translated into Thai Baht at the foreign exchange rates ruling at the dates of the transactions.

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

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

Foreign entities

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

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

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

(C) CASH AND CASH EQUIVALENTS

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

(D) ACCOUNTS AND OTHER RECEIVABLES

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

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

(E) PROPERTY AND EQUIPMENT

Owned assets

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

Cost includes expenditure that is directly attributable to the acquisition of the asset. The cost of self-constructed assets includes the cost of materials and direct labour, any other costs directly attributable to bringing the assets to a working condition for their intended use, the

costs of dismantling and removing the items and restoring the site on which they are located and capitalised borrowing costs. Purchased software that is integral to the functionality of the related equipment is capitalised as part of that equipment.

Donated assets are stated at fair value at the time of donation, 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:

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

No depreciation is provided on assets under construction.

(G) 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.

(H) PAYABLES

Payables are stated at cost.

(I) 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.

(J) 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.

(K) 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.

(L) INCOME TAX

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

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.

4. Cash and cash equivalents

	2014	2013
	<i>(in thousand Baht)</i>	
Bank accounts	42,470	5,949
Fixed deposits with maturity three months or less	277,224	503,373
Total	319,694	509,322

5. Current investments

	2014	2013
	<i>(in thousand Baht)</i>	
Fixed deposits with maturity more than three months	498,810	293,573
Less Deposits pledged as collateral	(15,100)	(15,100)
Net	483,710	278,473

As at 31 December 2014, fixed deposits of Baht 15.1 million (2013: Baht 15.1 million) were pledged as collateral for bank overdraft and outstanding letters of guarantee issued by the same bank (see note 14).

6. Accounts receivable

	2014	2013
	<i>(in thousand Baht)</i>	
Tuition and other fees	84,094	101,434
Others	68,547	58,372
	152,641	159,806
Less allowance for doubtful accounts	(11,321)	(7,646)
Net	141,320	152,160
Bad and doubtful debts expenses for the year	3,675	3,641

7. Property and equipment

	Campus development	Building and building improvement	Furniture and equipment	Transportation equipment	Library assets	Assets under construction	Total
<i>(in thousand Baht)</i>							
COST							
At 1 January 2013	174,304	989,862	355,869	8,701	284	17,971	1,546,991
Additions	24,734	470	25,771	3,053	-	20,052	74,080
Disposals	-	-	(309)	(946)	-	-	(1,255)
Transfers	21,114	-	222	751	-	(22,087)	-
Foreign currency translation	-	247	(65)	119	-	-	301
At 31 December 2013 and 1 January 2014	220,152	990,579	381,488	11,678	284	15,936	1,620,117
Additions	18,116	76	19,703	1,262	-	72,565	111,722
Disposals	-	-	(310)	(775)	-	-	(1,085)
Transfers	19,540	-	-	1,026	-	(20,566)	-
Foreign currency translation	-	17	338	779	-	-	1,134
At 31 December 2014	257,808	990,672	401,219	13,970	284	67,935	1,731,888
DEPRECIATION							
At 1 January 2013	52,171	591,918	270,952	7,506	107	-	922,654
Depreciation charge for the year	15,592	29,288	24,464	946	47	-	70,337
Disposals	-	-	(309)	(946)	-	-	(1,255)
Foreign currency translation	-	201	43	298	-	-	542
At 31 December 2013 and 1 January 2014	67,763	621,407	295,150	7,804	154	-	992,278
Depreciation charge for the year	19,067	23,942	26,796	951	48	-	70,804
Disposals	-	-	(310)	(775)	-	-	(1,085)
Foreign currency translation	-	18	480	631	-	-	1,129
At 31 December 2014	86,830	645,367	322,116	8,611	202	-	1,063,126
NET BOOK VALUE							
At 31 December 2013	152,389	369,172	86,338	3,874	130	15,936	627,839
At 31 December 2014	170,978	345,305	79,103	5,359	82	67,935	668,762

The gross amount of fully depreciated property and equipment that was still in use as at 31 December 2014 amounted to Baht 543 million (2013: 493 million).

8. Accounts payable and accrued expenses

	2014	2013
	<i>(in thousand Baht)</i>	
Accounts payable from operation	45,371	33,624
Provision for insured saving fund tax	9,365	9,365
Advance from students	29,015	32,134
Withholding tax payable	5,487	5,235
Accrued expenses	8,918	9,324
Accrued staff expenses	37,540	49,361
Advance received from donors	43	1,586
Others	30,923	27,491
Total	166,662	168,120

9. Employee benefit obligations

	2014	2013
	<i>(in thousand Baht)</i>	
At 1 January	24,656	25,955
Provisions made	-	270
Provisions used	(1,413)	(1,569)
Provisions reversed	(1,465)	-
At 31 December	21,778	24,656
At 31 December		
Current	-	-
Non-current	21,778	24,656
Total	21,778	24,656

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

The agency fund represents amounts held on behalf of donors and other agencies and are disbursed in accordance with their instructions. The Institute has no title to these funds or the associated revenues and expenses. The fund balances as at 31 December 2014 and 2013 and revenues and expenses for the years then ended were as follows:

	2014	2013
	<i>(in thousand Baht)</i>	
Funds received from donors	253,028	263,087
<i>Application of funds</i>		
● Salaries and other benefits	2,009	3,359
● Scholarships	192,136	198,572
● Contracted services	49,462	48,233
● Communication, travel and utility expenses	2,624	1,899
Total funds applied	246,231	252,063
Income over expenses for the year	6,797	11,024
<i>Assets held on behalf of donors</i>		
Cash and deposits at financial institutions	77,264	259,043
Current investments	185,597	909
Accounts receivable and other current assets	2,440	3,980
Total assets held on behalf of donors	265,301	263,932
<i>Balance at 1 January:</i>		
● Amounts due to donors	249,685	240,787
● Amounts due to donors - AITCV	154	(1,022)
Income over expenses for the year	6,797	11,024
Transfers to other funds	(1,138)	(925)
Foreign currency translation	(16)	(25)
Balance at 31 December	255,482	249,839
Liabilities	9,819	14,093
Total amounts due to donors	265,301	263,932

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

	2014	2013
	<i>(in thousand Baht)</i>	
Funds received from UNEP RRC.AP	21,961	44,794
Total funds applied	(24,990)	(53,442)
Income under expenses for the year	(3,029)	(8,648)
<i>Assets held on behalf of UNEP RRC.AP</i>		
Cash and deposits at financial institutions	85,944	89,765
Accounts receivable	2,492	2,598
Property and equipment	355	790
Total assets held on behalf of UNEP RRC.AP	88,791	93,153
<i>Amounts due to UNEP RRC.AP</i>		
Balance at 1 January	76,776	85,424
Income under expenses for the year	(3,029)	(8,648)
Balance at 31 December	73,747	76,776
Liabilities	15,044	16,377
Total amounts due to UNEP RRC.AP	88,791	93,153

12. Employee benefit expenses

	2014	2013
	<i>(in thousand Baht)</i>	
Wages and salaries	311,766	332,750
Contribution to provident fund and insured saving fund	14,192	14,032
Personal income tax of employees	756	2,364
Social security costs	4,903	3,773
Other costs	3,251	3,732
Total	334,868	356,651

PROVIDENT FUND AND INSURED SAVING FUND

The Institute and its staff jointly operate the Insured Saving Fund, a post-retirement defined contribution scheme. Effectively from 1 February 2004, a Provident Fund has replaced the Insured Saving Fund. The Institute contributes to the fund at the rate of 10% of their basic salary, and the employees contribute to the fund at rates 3% to 10% of their basic salary. Effectively from 1 April 2006, the Institute contributes to the fund at the rate

of 5% of their basic salary, and the employees contribute to the fund at rates 3% to 5% of their basic salary. The fund is managed by TISCO Assets Management Co., Ltd. The assets of the Insured Saving Fund were substantially transferred to the new Provident Fund.

13. AIT Center in Vietnam (AITVN)

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:

	2014	2013
	<i>(in thousand Baht)</i>	
Income	119,894	144,442
Expenses	(115,694)	(139,730)
Income over (under) expenses	4,200	4,712

Financial statements for the years ended 31 December 2014 and 2013 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.

14. 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 2014, the scholarship commitment amounted to totalling Baht 76.5 million (2013: 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. This 5 years contract ended on June 30, 2014.

BANK GUARANTEES

As at 31 December 2014, 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 0.7 million (2013: Baht 0.9 million). These bank guarantees were collateralised by AIT's fixed deposits as discussed in note 5.

OTHERS

As at 31 December 2014, the Institute had obtained credit facilities for bank overdraft totalling Baht 5 million (2013: Baht 5 million) which were collateralized by AIT's fixed deposits as discussed in note 5. Bank overdrafts bore interest at the rate of F/D plus 1.25% per annum (2013: F/D plus 1.25% per annum).

15. Contingent liabilities

LABOUR CASE

As at 31 December 2014, there were six labour cases in regards to the breach of employment contracts, out of which, three are still pending at the Supreme Court,

one is pending at the Central Labour Court and two have been settled. The Institute paid compensation for the two resolved cases amounting to Baht 5.4 million for which provision was set up 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 2014.

STUDENT CASE

As at 31 December 2014, 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 2014.

INSTITUTE ADMINISTRATION

PRESIDENT

Professor Worsak Kanok-Nukulchai

VICE PRESIDENTS

Professor Sivanappan Kumar
Academic Affairs

Professor Kanchana Kanchanasut
Research

Professor Kazuo Yamamoto
Resource Development

DEANS

Professor Voratas Kachitvichyanukul
School of Engineering & Technology

Professor Chettiyappan Visvanathan
School of Environment, Resources &
Development

Dr Donyaprueth Krairit
School of Management

DIRECTORS

Dr Amrit Bart
AIT Center in Vietnam (until 28 February 2014)

Dr. Fredric W. Swierczek
AIT Center in Vietnam (from 21 January 2014)

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)

Professor Mukand Singh Babel
Center of Excellence in Sustainable
Development in the Context of Climate Change
(SDCC)

Dr Naveed Anwar
AIT Consulting

Mr Sanjeev Jayasinghe
Fundraising

FACULTY MEMBERS



HONORARY FACULTY

The Institute is deeply grateful that Her Royal Highness Princess Maha Chakri Sirindhorn has seen fit to share her expertise and experience with faculty, staff and students, as an Honorary Faculty Member. In this singular position, Her Royal Highness is associated with the Information and Communications Group, School of Engineering & Technology.

EMERITUS PROFESSORS

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Laboratory Attendant

Kongsri, Rudeewan
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

Rojjanapitakphan, Supamas
Administrative Secretary

Sornsindra, Samwai
Laboratory Attendant

Suaysin, Prayoon
Laboratory Attendant

Tanil, Nikom
Laboratory Attendant

Trakanpasakul, Pajee
Senior Administrative Officer

Tueaktien, Vinai
Technician

Waigaese, Chamlong
Laboratory Attendant

Yaekajorn, Pitak
Assistant Technician

Geoinformatics Center

De Silva, Ramesh
IT Officer

Hazarika, Manzul K.
Senior Program Specialist cum

Associate Director

Manawakul, Suwannee

Assistant Administrative Officer

Naikaset, Sudchai

Senior Administrative Officer

Habitech Center

Jangjid, Chalard

Assistant Technician/Painter

Jangjid, Preecha

Technician

Sthapit, Gyanendra R.

Interim Director

Industrial Systems Engineering Group

Adhikary, Dhruva

Laboratory Supervisor

Gasillos, Clifford M.

IT Officer

Luyen, Tran Thi

Senior Technician

Makmitree, Tanapong

Laboratory Supervisor

Pugsawade, Pornpun

Administrative Officer

Rodtong, Parichart

Administrative Officer

Sudsaweang, Chaowwaret

Secretary

Taopanich, Somchai

IT Officer

Information & Communications Group

Arunpold, Sanit

Laboratory Supervisor

Dehury, Rajesh Kumar

Laboratory Supervisor

Kanitrattikrai, Pornwipa

Senior Administrative Officer

Krissadee, Prakaydao

Administrative Officer

Maung, Myo San

Laboratory Supervisor

Nanthasing, Siriporn

Administrative Secretary

Noonkhao, Jaruk

Senior Technician

Samarakoon, Lal

Visiting Scientist

Thanwongpan, Sireekant

Administrative Secretary

Interdisciplinary Programs:

Information & Communications Technologies

Kridsadavisakesak, Chutikarn
Administrative Secretary
Rao, Premma
Administrative Secretary

Offshore Technology Management

Sangthongsttit, Nualchan
Senior Administrative Officer

Undergraduate Program

Aye, Tin Nwe
Laboratory Supervisor
Cesar, Rodolfo L., Jr.
Technician
Herath, Ravinath T.B.
Senior Administrative Officer
Maneerat, Saowaluk
Administrative Secretary
Momongan, Yvonne C.
Civil Laboratory Supervisor
Perez, Kristine Mendoza
Administrative Officer
Phukan, Pankaj Kumar
Administrative Officer
Puno, Ruel Fancisco D.
Laboratory Supervisor

SCHOOL OF ENVIRONMENT, RESOURCES & DEVELOPMENT

Office of the Dean

Khamtha, Thanakorn
Senior Technician
Pholampai, Ratanasak
Technician
Sa-adpan, Wantana
Administrative Officer
Thapa, Sarina Pradhan
Program Officer
Vithanage, Radeeka S.
Program Officer

Agricultural Systems & Engineering

Intoop, Karn
Senior Technician
Meskuntavon, Wattanaporn
Senior Laboratory Supervisor
Phothong, Boontham
Farm Laborer
Tanachit, Prasit
Laboratory Attendant
Thuntarucks, Choengchay
Senior Technician
Udomvatchararasamee, Manyuda
Secretary

Aquaculture & Aquatic Resources Management

Baothong, Thanomjitr
Assistant Field Manager
Kamwat, Samai
Field Worker
Ngaosri, Suda
Field Worker
Penglee, Boorieng
Field Worker
Penglee, Ruen
Field Worker
Photimat, Sirintip
Laboratory/Field Supervisor
Pothong, Ood
Labourer
Pothong, Sangwan
Labourer
Sukasem, Supattra
Administrative Officer
Sukhanenya, Lucia Vonny
Sr. Program Associate/Fish Production Manager

Energy

Chantrapunth, Pichai
Senior Technician
Gonzales, Sheree Ann Soriano
Administrative Officer
Hien, Vu Duc
Senior Laboratory Supervisor
Sriviset, Ruangsilp
Senior Technician
Thanara, Phornsinee
Administrative Secretary
Treesap, Supornthip
Administrative Secretary

Environmental Engineering & Management

Boonyanun, Panupong
Senior Technician
Imsapsangworn, Chaiyaporn
Laboratory Supervisor
Klubbarnkoh, Orathai
Senior Technician
Leenasen, Chanya
Secretary
Phunsri, Salaya
Senior Laboratory Supervisor
Piempinsest, Suchitra
Senior Administrative Officer

Food Engineering & Bioprocess Technology

Fangdanklang, Nopporn
Laboratory Technician
Mungpayabarn, Songkla
Senior Technician
Pasuravong, Cha-on
Secretary
Plangpanya, Vanchai
Senior Technician
Sawartsuk, Warawut
Senior Technician

Gender & Development Studies

Pardilla, Agnes Tayson
Program Officer

Natural Resources Management

Kachasuwanmanee, Yupa
Senior Administrative Officer

Pulp & Paper Technology

Junteing, Suchart
Senior Technician
Krong-atek, Ekkankun
Senior Technician
Nakdee, Katesaraporn
Secretary

Regional & Rural Development Planning

Asakati, Nikorn
Senior Technician

Nil-ubol, Vitoon
Field Laboratory Supervisor
Preedee, Sumalee
Administrative Secretary

Urban Environmental Management

Luckanapitak, Jitra
Senior Administrative Officer

SET-SERD

Disaster Preparedness Mitigation and Management

Thapa, Vineeta
Senior Program Officer

SCHOOL OF MANAGEMENT

Cherngchawano, Wilaiporn
Program Specialist

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 ALUMNI ASSOCIATION

Bootdeekun, Naritsara
Assistant Program Officer

Ortinero, Elenita C.
Program Officer

AIT EXTENSION

Alcantara, Marilyn Mollanida
Administrative Officer

Alcoba, Rowena Clemino
Senior Program Officer

Alih, Faisal Mamicpic
Senior Program Officer
Bokhari, Syed Muntasir Husain
Program Officer

Boonrit, Prinya
Technician

Botero, Mariana
Program Officer

Brahmanage, Upul J. Kaluhetti
Senior Program Officer

Chaiyapan, Pattama
Assistant IT Officer

Chanlapa, Tharakorn
Program Officer

Chonlasin, Voravate
Senior Program Specialist

Das, Karabee
Program Officer

Das, Pradeep Kumar
Program Specialist

Etea, Sufian
Program Officer

Hossain, Farah Nashid
Program Officer

Hossain, Md. Zakir
Senior Program Specialist

Islam, Niyonta
Assistant Program Officer

Jamieson, Walter
Advisor to the Executive Director

Jamil, Afzal
Program Officer

Jenkarn, Viman
Technician

Jirasathitpornpong, Thaniya
Senior Program Officer

Karim, Fazle
Senior Program Specialist

Khunthong, Wanida
Administrative Officer

Kongkerd, Nalinee
Administrative Assistant

Kuruvilla, Mathew
Program Officer

Larsson, Christoffer Per Arne
Program Specialist

Meeto, Slanee
Administrative Officer

Mohapatra, Pallavi
Program Officer

Muangsan, Kanlaya
Program Officer

Muncharoen, Chaiwat
Director of AGGMC

Naveed, Shayan
Program Officer

Nuntavong, Parichad
Program Officer

Pholwan, Chatuphol
Program Officer

Phumee, Prasobchok
Technician

Piromrak, Arjin
Administrative Officer

Ponvilai, Niramol
Senior Administrative Officer

Prajogo, Agus Susanto
Senior Program Officer

Roonjarern, Kanya
Administrative Officer

Sajor, Edsel E.
Senior Program Specialist

Shah, Faiz Hassan
Senior Program Specialist

Shaikh, Furqan Ali
Program Officer

Shaw, Jonathan Leslie
Executive Director

Sin, Phyu
Program Officer

Srina, Warindhorn
Program Officer

Suklap, Nidthakant
Administrative/Admission Assistant

Sumroetrum, Worawan
Senior Program Officer

Syiem, Evanshainia
Senior Program Officer

Thongkham, Kluaymai
Senior Program Officer

Tieng, Thida
Program Assistant

Venkatesh, Sundar
Advisor to the Executive Director

Wangnai, Narumon
Program Specialist

AIT CONSULTING

Project Execution Team

Anwar, Naveed
Executive Director

Aung, Thaung Htut
Deputy Project Director

Boonrod, Udom
General Helper

Cuarez, Clarisa
Senior HR Manager

Finch, Justin Arnold
Project Development Manager

Pakdisi, Rakdao
Business Development Manager

Thannakorn, Suradej
IT Assistant

Thannakorn, Suthathip
Executive Assistant to the CEO

ASIAN CENTER FOR ENGINEERING COMPUTATIONS AND SOFTWARE

Nateesuwan, Nattakan
Administrative Officer

Tunthasuwatana, Keerati
Senior Manager

Wongthong, Petcharat
Secretary

AIT CENTER IN VIETNAM

Bart, Amrit N.
Director (until February 2014)

Swierczek, Fredric W.
Interim Director
(from 21 January 2014)

CORPORATE SOCIAL RESPONSIBILITY FOR ASIA-AIT

Daniel, Clelia
Program Coordinator

Pathak, Yashvi
Administrative Officer

Saengpun, Songpon
Program Officer

Sunghong, Roatchana
Head of Program

Thanatrakolsri, Sirinut
Project Manager

Woheck, Leena
Director

REGIONAL RESOURCE CENTRE FOR ASIA AND THE PACIFIC

Borongan, Guilberto H.
Program Specialist

Canullas, Ric Dennis Aquino
Program Specialist

Chansawang, Chantanee
Senior Administrative Officer

Deosthali, Vaidehi A.
Assistant Program Officer

Inagaki, Hiromi
Senior Program Officer

Ja, Jangmaw Seng
Program Officer

Kashyap, Prakriti
Program Officer

Khan, Ahmed Iftekhar
Finance Specialist

Lacoul, Manesh
Technical Advisor

Lepiten, Charina May Blanco
Program Specialist

Liang, Li
Program Officer

Ratanasawetwad, Sumana
Senior Administrative Officer

Ratanavong, Nilapha
Program Officer

Rodkamnerd, Kitti
Office Assistant

Rodsum-ang, Woralac
Administrative Officer

Roman, Adelaida Ronquin
Senior Program Specialist

Sanduijav, Bayasgalan
Senior Program Officer

Silvestri, Marco
Program Specialist

Supakarn, Nawaphorn
Senior Program Officer

Verma, Ram Lal
Program Officer

Wangwongwatana, Supat
Coordinator of the Secretariat
(EANET)

Wattanawiroon, Suwimol
Program Officer

ADMINISTRATION

Alumni Affairs Office

Jayasinghe, Sanjeev
Interim Head

Puttha, Sitahng
Administrative Officer

Center for Learning Innovation & Quality

Bhujel, Bal Ram
Administrative Assistant

External Relations & Communications Office

Groves, Gabrielle Eva Carol
Head

Guzman, Carol Cabildo
Assistant Program Officer

Shrestha, Sumana
Program Officer

Sittichai, Uma
Senior Administrative Officer

Government Relations Unit

Inta, Suda
Administrative Officer

Kaewklom, Pipat
Assistant Government Relations
Officer

Misri, Pathummanee
Assistant Administrative Officer

Pliansri, Wannapa
Coordinator

Poonperm, Nitat
Administrative Officer

Potisunghirun, Surapol
Administrative Officer

Srithongsuk, Ladda
Assistant Administrative Officer

Uppapong, Suvanee
Administrative Secretary

Wongthongdee, Preecha
Assistant Administrative Officer

Yantadilok, Kasan
Assistant Administrative Officer

Yooprem, Wilailuk
Administrative Officer

Media & Communications Unit

Kelly, Shawn Patrick
Senior Media Specialist

Mendhaka, Nadhika
Senior Graphic Designer

Singh, Bajinder Pal
Senior News and Media Specialist

Vimuktanon, Natnipha
Media Officer (Public Relations)

Yamsangsung, Smita
Administrative Officer

Finance Office

Arnprayoon, Pairuch
Accountant

Bumrungsak, Kalya
Senior Administrative Officer

Chouychoo, Prateep
Cashier Supervisor

Gonzales, Katherine Lo

Coordinator

Kamkhuntod, Rungruedee

Accountant

Kosaipolkul, Orawan

Senior Accounting Manager

Limcharoenwongchai, Pitchaya

Cashier

Manprasert, Janjira

Accountant

Misri, Chanya

Accountant

Noirahaeng, Chadarat

Cashier

Pan-in, Nadkrita

Administrative Officer

Phatthanasrisakda, Jantida

Accountant

Promprawongse, Chirapar

Finance Manager

Rittipongshusit, Noppadon

Head

Suksomphak, Narumol

Accountant

Thanatheerahirun, Vandee

Accountant

Yoonpund, Panthila

Senior Accountant

Fundraising Office**Jayasinghe, Sanjeev**

Director

Talaid, Lucena Dante

Program Officer

Human Resources Office**Diopenes, Maybel Belonio**

Coordinator

Manakul, Sripatchara

Manager

Puankratok, Denphoom

Administrative Officer

Sukasem, Jirada

Administrative Officer

Suwannarith, Sawan

Manager

Yimkeo, Somnuk

Assistant Administrative Officer

Medical Clinic**Atthajitrakul, Pattita**

Secretary

Chaisooksang, Siriluck

Nurse Supervisor

Pouraksa, Ponpana

Senior Nurse

Siriwangchai, Thanawan

Senior Nurse

Office of Facilities and Assets Management (OFAM)**Akkarasirikul, Julakkarachai**

Assistant Cash Card Supervisor

Bantu, Sireesha

Senior IFM Officer

Boonnag, Patcharee

Accommodation Manager

Butrphrom, Thongsuk

Assistant Cafeteria Officer

Chaloeyvares, Elizabeth

Coordinator

Dandre, Chaturvedh

Assistant Facilities Officer

Dante, Loreta Lagaya

Administrative Officer

Gavile, Nanette Tomaro

Cash Card Counter Staff

Gonzalas, Jennie Andrea Lo

Cash Card Counter Staff

Inmor, Thanchanok

Accommodation Clerk

Jatninlapant, Teerachart

IFM Manager

Kampipop, Maneerat

Senior Technician

Karnkamin, Vichai

Mail Clerk

Khan, Faisal

Cash Card Counter Staff

Khemabhirom, Jaistit

Head (from 20 October 2014)

Kongchana, Sapon

Facility Officer

Kraithongsuk, Churairat

Assistant Administrative Officer

Lertwinyu, Chalita

Head

Litthichot, Manas

Labor/Helper

Luchutawachee, Supaluck

Assistant Facilities Officer

Mandelkar, Prajakta

Assistant Facilities Officer

Modrung, Kamol

Driver

Olarikabutr, Thitima

Campus Architect

Panpreuk, Somphong

Driver

Preekran, Somchai

Labor/Helper

Raksasri, Soonthorn

Mail Clerk

Reshma Suresh M.P.

Facility Officer

Sabannga, Luksika

Accommodation Clerk

Sudnangam, Wanna

Assistant Operator Officer

Suwannaroj, Somporn

Driver

Tomulto, Wenroll Garcia

Cash Card Counter Staff

Tongprang, Teerapat

Labor/Helper

Vicheanwon, Suchada

Accommodation Facility Officer

Wongrugsa, Wichitra

Accommodation Supervisor

Youbanklong, Sayan

Senior Driver

Office of Procurement, Inventory and Assets (OPIA)**Boonsom, Yotaka**

Inventory Clerk

Dherapongsthada, Pakkamol

Head

Iampho, Pawanrut

Inventory Clerk

Potisangkahirun, Stang

Inventory Clerk

Sodkunnane, Hatthaya

Assistant Administrative Officer

Songpitakchai, Vasvan

Senior Purchasing Officer

Thongchantr, Ekarin

Accounts Clerk

Office of the President**Badiola, Marjorie, Louise P.**

Assistant Administrative Officer

Calabdan, Renedith A.

Senior Administrative Officer

Kanchanasut, Kanchana

Vice President for Research

Kanok-Nukulchai, Worsak

President

Kittrakool, Chutraporn

Secretary

Kongluer, Rawiwan

Administrative Secretary

(Resignation 5 January 2014)

Kumar, Sivanappan

Vice President for Academic Affairs

Lertwinyu, Chalita

Assistant to the President

(from 20 October 2014)

Mongkolchotirat, Chotiros

Senior Administrative Officer

Nissaipan, Chadarat

Executive Secretary for VPR

Pothi, Premjit

Coffee Lounge Attendant

Rana, Karma

Institute Secretary

Sitoula, Ashish OM

Project Coordinator

Sravat, Namita

Coordinator, Academic &

Administrative Affairs

Srisuksawadi, Korapin

Senior Technical Manager

Wasuntiwongse, Kulvimol

Interim Secretary to the Board

Yamamoto, Kazou

Vice President for Resource

Development

Youbanklong, Sayan

Office Assistant

Unified International Bachelor's-Master's Degree Program**Gonzales, Arthur Lance Otadoy**

Assistant Program Officer

**Research & Education
Support Office****Dante, Izel Ann Mojado**

Head, Administration & RES Office

AIT International School**Ambor, Hasmina Guiani**

Teacher

Anatan, Divina C.

Music Teacher

Annachhatre, Manjiri Ajit

Teacher

Asim, Farzana

Teacher

Bandejas, Joe Marie A.

ESL Teacher

Brown, Debra

Teacher

Bunrod, Pimpa

Teacher's Aide

Caszo, Elvis Anthony

Teacher

Chanmanetrakul, Aporn

Thai Teacher & P.E. Teacher Pre-

Kindergarten

De Silva, Rathna Damayanthi

Assistant Teacher

Deshpande, Shridevi Shrikant

Teacher/Coordinator

Gatela, Ma. Visitacion Q.

Teacher

Glinhom, Nantaphan

Assistant Teacher

Gonzales, James Tolentino

Teacher

Gonzales, Leila M.V.

Teacher

Guanzon, Clive Abigaile I.

Special Education Teacher

Gurung, Megha

Teacher/Coordinator

Huong, Tran Thu

Library Teacher

Jansrongkrod, Janya

Assistant Teacher

Kaewsawarnng, Mayuree

Teacher's Aide

Karna, Neeta Kumari Das

Assistant Teacher

Kohklang, Kingkan

Office Attendant

Lawas, Marichu Pogoy

Teacher

Maschuroh, Emi

Teacher

Mauritson, Kevin

Principal/Head

Meenil, Amorntip

Teacher's Aide

Mondal, Dipak

Computer Teacher

Mungcal, Anjelo V.

Teacher

Penglee, Kaesorn

Teacher's Aide

Pineda, Blesilda P.

Teacher

Pinthong, Srita

Thai Teacher

Rajapakse, E.M.M.N.

ICT Teacher

Ravindran, Karthygai

Teacher

Sthapit, Sarojani

Assistant Teacher

Suansin, Nattaya

Teacher's Aide

Thanusiri, Monta

Teacher's Aide

Thomas, Oluwayemisi Ayoola

Teacher

Thummachua, Parichat

Administrative Officer

Tumala-Pilongo, Janice G.

Teacher

Viquiera, Ara Christine C.

Teacher

Yamyai, Prangjit

Teacher's Aide

Zhu, Wei

Teacher

Language Center**Atthajitrakul, Nichapat**

Secretary

Chamart, Ginette

French Language Specialist

Choombala, Thanisa

Language Specialist

Duncan, Benjamin R.

Language Specialist

Jin, Ying

Lecturer

Laszewski, Matthew C.

Director

Nakwachara, Thippawon

Administrative Secretary

**Sarusad, 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

Circulation/Reference Supervisor

Kiriyant, Pranee

Library Coordinator

Klinkaew, Sasawan

Administrative Secretary

Kongdun, Vanida

Library Assistant

Pakkhethati, Somporn

Library Assistant

Phantarat, Kanjana
Librarian

Phung-nguen, Prakas
Library Assistant

Ratanaphanlop, Trisukhon
Senior Librarian

Saranyapipat, Rungtiwa
Senior Librarian

Wapeeso, Banyat
Library Assistant

Sponsored & Contracted Projects Unit

Krishna, P.V. Gopi
Coordinator

Student Office

Roa, Laarni
Head

Admissions & Scholarships

Abrea, Irma O.
Administrative Officer

Anceno, Marisol Compendio
Administrative Officer

Aung, Pwint Phyu
Administrative Officer

Buakanthong, Supawadee
Assistant Administrative Officer

Nuamuam, Wallapa
Administrative Officer

Paye, Hannah D.
Assistant Administrative Officer

Perez, Maria Avegail Cueto
Administrative Assistant

Pesarillo, Christine P.
Administrative Officer

Rabgyal, Tenzin
Coordinator

Career Center

Gonzales, Joan Carla C.
Coordinator

Marikhu, Thin YuYu Hlaing
Administrative Assistant

Prasongsuk, Chatchata
Assistant Administrative Officer

Soriano, Maricor B.
CC Assistant

Soriano, Sheree Ann
CC Assistant

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

Perera, R.A. Poorna Lakskitha
SU Assistant

Poonsang, Waranluck
Secretary



COLLABORATIONS AND PARTNERSHIP

ONGOING PARTNERSHIPS AND NEW INITIATIVES

S.No	Particulars	New Initiatives
1.	Norwegian Ministry of Foreign Affairs Scholarship Program for Myanmar Candidates to study Master's Degree at AIT	40 Myanmar Candidates enrolled into AIT Master's Degree Program in August 2014 Semester
2.	Telecom SudParis, France	Industry Scholarships to support Dual Degree Program
3.	UNESCO-IHE, The Netherlands	Dual Degree Programs "Best of Both Worlds" provide students with European and Asian experiences
4.	Centre de Cooperation Internationale en Recherche Agronomique pour le Développement (CIRAD)	CIRAD and AIT work together to continue promoting cooperation between both parties in joint research and academic exchanges through seconded faculty from CIRAD at AIT contributing to sustainable development in Asia
5.	Japan Government Scholarship	3 PhD students enrolled into AIT Doctoral Degree Program (RS-GIS/SET) in January and August 2014 Semesters
6.	Japan HRD Fund	9 Short term Visiting Faculty (4 in January Semester and 5 in August Semester) from Japan partially supported by Japan HRD fund in 2014
7.	Japan Aerospace Exploration Agency (JAXA), Japan	LoA extended until March 2016 and 1 Visiting Scientist to GIC/SET seconded by JAXA.
8.	Center for Spatial Information Science, The University of Tokyo, Japan	MoU and MoA signed for joint research, faculty secondment, etc. 1 Visiting Faculty seconded from April 2014 to March 2016.
9.	PASCO Corporation, Japan	MoU and MoA signed in July 2014 for scholarship for master's student and 1 student enrolled in August 2014 Semester under PASCO Corporation Scholarship
10.	Eight-Japan Engineering Consultants Inc., Japan	MoU and MoA signed in 2014 for scholarship for master's student. 1 student to be enrolled in August 2015 Semester under this scholarship
11.	Ochanomizu University Summer School Program, Japan	7 Students got selected for scholarships to attend the summer school during 1-10 August 2014 *Remark: 41 students from AIT had applied for this summer program.
12.	Nepal Education Foundation-Consortium of Colleges, Nepal (NEF-CCN) for 2 stage Master's and UG Program	The first batch of 6 MBA students joined AIT in January 2014 Semester and graduated in December 2014. The second batch of 6 MBA students joined AIT for the second year in August 2014 and graduated in January 2015 Semester. First batch of 3 UG students joined AIT in September 2014 Semester.
13.	Government of Pakistan for Pakistan Fund	Received fund of about 94,740.74 Thai Baht and disbursed the fund to about 4 Pakistani students to conduct research in Pakistan
14.	EU/EM	Continued collaboration and partnership with Universities in Asia and Europe under Erasmus Mundus Program
15.	The China Scholarship Council	Renewed MOA : 10 scholarships for Chinese candidates for Doctoral and Master's Degree study at AIT

S.No	Particulars	New Initiatives
16.	Confucius Institute Headquarters (Hanban), China	Providing 2 Chinese teachers posted in AIT International School and Language Center
17.	Guiyang University	Collaboration with ASEAN China Education Centre
18.	Military Research and Development Center (MRDC), Defense Science and Technology Dept.	New collaborative partnership in Nanotechnology and other areas for military applications
19.	Thailand National Defence College (NDC)	Partnership enable to promote cooperation between two Institutions for research, training and academics (in preparation of ASEAN Economic Community)

AGREEMENTS SIGNED IN 2014

Country	Government Agency	Academic Institution	Private Sector	Association	International Organization	Total
Australia		2				2
Cambodia	1					1
Food and Agriculture Organization					2	2
France					1	1
Germany		3				3
India		3	1			4
Indonesia		2				2
Japan		5	4	1		10
Malaysia		1				1
Myanmar		1	2	1		4
Nepal		1	1			2
Taiwan		2				2
Thailand		1				1
United States of America		1				1
Total	1	22	8	2	3	36

MOU SIGNED IN 2014

AUSTRALIA

- MoU signed with Murdoch University to promote the advancement of international understanding, dissemination of learning and strengthening of cultural ties. Valid from January 7, 2014–2019.
- MoU with Royal Melbourne Institute of Technology to enable the exchange of student, staff and faculty members, participate in joint conferences, workshop and academic publications and exchange of information of relevance to both Institutions. Valid from April 10, 2014–2019.

FRANCE

- Addendum to MoU with Centre de Cooperation Internationale en Recherche Agronomique pour le Développement (CIRAD) to continue promoting cooperation between both parties in joint research and academic exchanges contributing to sustainable development in Asia. Valid from 3 June, 2014–2015.

GERMANY

- MoU signed by SRH Hochschule Berlin to enable cooperation between Institutions for deriving mutual advantage in their pursuit of higher learning in general and benefiting their respective students by way of exposure to each other's programs in particular. Valid from January 8, 2014– 2019.
- Extension of MoU with Bauhaus Universitaet Weimar to strengthen ongoing programs of academic exchange in research and learning. Valid from March 13, 2014–2019.

INDIA

- MoU signed with Bilcare to enable cooperation and foster a long-term working relations to provide a mutual beneficial arrangement by expanding the academic and research potential while enabling the proliferation and use of Bilcare's nonClonableID technology. Valid from August 20, 2014–2017.
- MoU with Indian Institute of Management Ranchi to foster the advancement of teaching, research and cultural understanding through the exchange of postgraduate students, faculty members and academic information and materials, as agreed upon by both partners. Valid from October 27, 2014–2019.
- MoU signed with College of Agriculture Baramati and Mahatma Phule Krishi Vidyapeeth to strengthen its academic and staff capacity and the quality of its education in order to contribute to the transition of the agriculture sector of India towards a more competitiveness in the global arena. Specific activities include unified program and joint workshops, for example. Valid from March 13, 2014– 2019.

INDONESIA

- MoU signed to enable cooperation between AIT and Universitas Katolik Parahyangan in order to form a strategic partnership in research, education, training, joint publication and other related activities. Valid from October 17 2014– 2019.
- MoU with Universitas Atma Jaya Yogyakarta to develop Human Resource Program through: scholarships, exchange of research and teaching personnel and enhancement of the institutional program through: development of postgraduate studies, development of laboratories, development of international program. Signed 9 May 2014 and valid for 5 years (9 May 2019)

INTERNATIONAL ORGANIZATION

- MoU with Food and Agriculture Organization of the United Nations (FAO) to provide a framework for cooperation with an overall goal to build capacity for the region through human resource development for addressing food security issues by sustainable agriculture intensification, green technology development and poverty alleviation. Valid from July 10, 2014– 2017.

JAPAN

- MoU with Pasco Corporation to enable the cooperation with AIT by approving the establishment of partnership and contributing to the improvement of research capabilities and the development of human resources in Asian countries. Valid from April 21, 2014– 2019.
- MoU with Eight Japan Engineering Consultant Inc. to establish the joint purpose of improving understanding and to contribute to research and human resource development in Asia. Valid from September 9, 2014–2019.
- MoU signed with Kurita Water and Environment Foundation to establish cooperation between both institutions to establish cooperative activities aimed at improving water and/or environmental problems and to promote related research and development mainly in Southeast Asia through human resource development mainly focusing on young researchers in the related science fields. Valid from December 1, 2014–2019.
- MoU signed with Yokohama National University to promote faculty and student exchange program at the graduate level. Valid from April 21, 2014–2019

MALAYSIA

- MoU signed with Universiti Tun Hussein Onn to strengthen, promote and development technology management cooperation between Institutions for mutual benefit. Valid from May 15, 2014–2017.

MYANMAR

- MoU with Yangon Technology University to enable cooperation between institutions in fields of education and research as agreed upon. Valid from July 14, 2014–2019.

NEPAL

- MoU with Tribhuvan University to enable cooperation in academics and research. Valid from May 8, 2014–2019.

TAIWAN

- MoU signed with Tunghai University to foster cooperation, academic exchange and cooperation through various activities aimed at developing cooperative relationship between both Institutions. Valid from March 31, 2014–2019.
- MoU signed with National Taiwan University of Science and Technology to cooperate through the exchange of students, staff and faculty and joint workshop, conferences and publications. Valid from July 1, 2014–2017.

THAILAND

- MoU signed with Bangkok University to enable cooperation in various academic activities of mutual interest. Valid from June 24, 2014–2017.

UNITED STATES OF AMERICA

- MoU with Southern New Hampshire University to support the exchange of students, faculty and academic material as well as develop joint academic and research collaborations of mutual benefit. Valid from July 10, 2014–2017.

MOA SIGNED IN 2014**CAMBODIA**

- MoA with Cambodian Institute for Research and Development for women border fish traders in Poipet: Economic integration and its effect on their business and gender relations. Valid from February 6, 2014–2016.

GERMANY

- MoA signed between SRH Hochschule Berlin and AIT's School of Management to formalize student exchange and dual degree program between the two institutions. Valid from January 8, 2014–2019.

INDIA

- MoA signed with Indian Institute of Management, Ahmedabad to act as an official student recruitment agent in India. Valid from February 3, 2014–2019.
- MoA signed with Indian Institute of Management Ranchi to enable a student exchange program at AIT's School of Management. Valid from October 27, 2014–2019.

JAPAN

- MoA – Fourth Amendment Cooperation Agreement with Japan Aerospace Exploration Agency to continue and expand cooperation for the mutual benefit of both organizations. Valid from October 30, 2014–2016.
- MoA with Pasco Corporation to provide scholarship for one Master's student at AIT. Valid from August 5, 2014–2019.
- MoA with Yakohama National University to enable student and faculty exchange program. Valid from April 21, 2014–2019.
- MoA signed with Eight Japan Engineering Consultants Inc. to provide scholarship for one Master's student at AIT. Valid from September 9, 2014–2019.
- MoA with Hokkaido University to enable faculty, student and staff exchange and the exchange of academic materials for mutual benefit. Valid from October 7, 2014–2019.
- MoA – Extension of Agreement with University of Tokyo on Academic Exchange program. Valid March 19, 2014 to March 19, 2019.

MYANMAR

- MoA with AIT Alumni Association Myanmar Chapter 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 2014. 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. Valid for one year only.
- MoA with United Network Management and Business Center (UN-MBC) to act as student recruitment agent within Myanmar. UN-MBC will also provide AIT approved language testing and support in promotional activities. Valid from March 25, 2014–2016.
- MoA with United Network Management and Business Center (UN-MBC) to provide administrative support to launch Professional Master's Degree in Project Management in Construction in cooperation with the Ministry of Construction, Myanmar. Valid from December 3, 2014–2017.

NEPAL

- MoA signed with Nepal Airlines Corporation to develop joint training programs for the capacity building of human resources on topics of relevance to aviation industry including management skills and internship opportunities. Discounted airfares will be provided to AIT community members. Valid from July 14, 2014–2015.
- MoA signed with National Information Technology Institute as a student recruitment agency to promote AIT in Nepal and recruit students for post-graduate programs and trainings. Valid from August 22, 2014–2016.

PROMOTIONAL ACTIVITIES 2014

S.N.	Promotional Activity	City/Country	Date	Remarks
1.	Norwegian Ministry of Foreign Affairs Scholarship for Myanmar Candidates Press Conference	Royal Norwegian Embassy, Yangon, Myanmar	30 January 2014	Attended by H.E Ambassador and First Secretary, Royal Norwegian Embassy in Myanmar and AIT Alumni Association Myanmar Chapter Members, Chair of Executive Committee, President, Head-ERCO and Senior Media Specialist, AIT
2.	Norwegian Ministry of Foreign Affairs Scholarship for Myanmar Candidates and AIT Promotional Seminar	Myanmar Engineering Society, Yangon, Myanmar	30 January 2014	Attended by AIT Alumni Association Myanmar Chapter Members, Chair of Executive Committee, President, Head-ERCO and Senior Media Specialist
3.	AIT Open House	AIT Conference Center, AIT Campus, Thailand	25 March 2014	Organized by ERCO and Schools
4.	Office of Civil Service Commission (OCSC) International Education Expo 2014	Royal Paragon Hall, Siam Paragon, Bangkok, Thailand	2 - 3 November 2014	ERCO and Schools participated
5.	Chulachomkhalo Royal Military Academy (CRMA) Education Exhibition	CRMA, Nakornayok Province, Thailand	19-20 November 2014	ERCO and Schools participated
6.	International Crossroad Event, Telecom SudParis	Telecom SudParis Campus, France	19-21 November 2014	AIT was represented by our Dual Degree students.
7.	Bangkok Post Bangkok Career and Educational Expo	Queen Sirikit National Convention Center, Bangkok, Thailand	28-29 November 2014	ERCO and Schools participated
8.	"Toward Sustainable Water and Environmental Management: Role of International Community and Higher Learning Institutes" Workshop	AIT Conference Center, AIT Campus, Thailand	9 December 2014	Co-organized by AIT and UNESCO-IHE
9.	AIT Open House for Chiang Mai University	AIT Campus, Thailand	23 December 2014	Introduced 80 students, faculty members and staffs from Chiang Mai University including campus and lab tours

PROMINENT VISITORS TO AIT

Date	University/ Institution/ Organization	Visitors Name	Purpose
24 February 2014	Colorado State University	<ol style="list-style-type: none"> 1. Dr. David McLean, Dean of the College of Engineering 2. Dr. Ajay Menon, Dean of the College of Business 3. Dr. David Dandy, Department Head of Chemical and Biological Engineering 4. Dr. Ken Reardon, Professor of Chemical and Biological Engineering 5. Mr. Matt Carlyon, Director of Development and Alumni Affairs for the College of Engineering 6. Mrs. Audra Brickner, Executive Director of Development and Alumni Affairs for the College of Business 	Explore additional areas of collaboration and possibilities of developing a platform of international cooperation between American and ASEAN through Colorado State University (CSU) and the Asian Institute of Technology (AIT) partnership
25 February 2014	Tunghai University, Taiwan	<ol style="list-style-type: none"> 1. Dr. Chin-Yin Huang, Professor, Department of Industrial Engineering 7 Enterprise Information, Former Dean of General Affairs 2. Dr. Sofia Nanyu Chen, Director, International Cooperation Section, Office of International Education 7 Programs 	To finalize MoU between and discuss about possible activities between two universities
5 March 2014	Jonkoping University, Sweden	<ol style="list-style-type: none"> 1. Mats Jagstam, Dean Engineering 2. Kaj Granath, Head Civil Engineering 3. Ingrid Wadskog, Head Industrial Engineering 4. Roy Andersson, Program Director 	To explore collaboration with AIT
9 March 2014	Embassy of Colombia in Thailand	H.E. Mr. Andelfo Jose Carcia Gonzales, Colombian Ambassador to Thailand	To explore strategies for areas of cooperation
1 April 2014	National Central University (NCU), Taiwan	<ol style="list-style-type: none"> 1. Prof. Wen-June, Wang Dean College of Electrical Engineering and Computer Science 2. Prof. Timothy K. Shih, Department of Computer Science and Information Engineering 3. Assoc. Prof. Chih-Lin Hu, Department of Computer Communication Engineering 4. Prof. Wu Yuin, Hwang Graduate Institute of Network Learning Technology 	To discuss possible collaboration on programs of mutual interest, especially in the fields of Electrical Engineering (EE), Computer Science and Information Engineering (CSIE), Communication Engineering (CE) and Network Learning Technology (NLT)
25 April 2014	Norwegian Embassy Thailand	H.E. Katja Christina Nordgaard	Annual Consultation and to meet students under NMFA scholarships

Date	University/ Institution/ Organization	Visitors Name	Purpose
26 May 2014	Zhejiang University, China	<ol style="list-style-type: none"> 1. Prof. Zou Xiaodong, Executive Vice President 2. Prof. Xu Xiaozhou, Dean, College of Education 3. Prof. Liu Jirong, Director of Development and Planning Division 4. Prof. Li Mingxia, Head, Office of the Director, Research Institute of Development Strategy 	To learn about AIT including the vision and mission of the institute and know more about the academic programs and operational mechanism of resources, and to explore possible areas of mutual interest and cooperation between AIT and ZJU
2 June 2014	University of Hawaii at Manoa (UHM), USA	Dr. Song Choi, Asst. Dean	Explore collaboration and technical interaction in more specific research and academic areas
3 June 2014	Pakistan Engineering Council, Pakistan	<ol style="list-style-type: none"> 1. H.E. Dr. Sohail Khan, Ambassador of Pakistan to Thailand 2. Engr. Syed Abdul Qadar Shah, Chairman 3. Engr. Mukhtar Ali Sheikh, Vice Chairman 4. Eng. Zahid Arif, Vice Chairman 5. Dr. Nasir Mahmood Khan, Additional Registrar 	Courtesy Call on AIT President, campus visit and meeting with Pakistani students
4 June 2014	Water Resources University Hanoi, Vietnam	<ol style="list-style-type: none"> 1. Assoc. Prof. Dr. Trinh Minh Thu, Vice Rector 2. Dr. Nguyen Thi Lan Huong, Vice Head of International Cooperation Office 3. Mr. Nguyen Van Tinh, Vice Head of Education Testing and Quality Assurance Department 	The purpose of the visit is to explore possible cooperation between AIT and WRU
20 June 2014	ASEAN China Centre and E9 Universities, China <ol style="list-style-type: none"> 1. Harbin Institute of Technology 2. Dalian University of Technology 3. Beijing Institute of Technology 4. Northwestern Polytechnical University 5. Southeast University 6. South China University of Technology 7. Tianjin University 	<ol style="list-style-type: none"> 1. Wang Daoyu, Deputy Director, ASEAN China 2. Mr. Zheng Mingdong, Deputy Director, International Office HIT 3. Du Fang, Assistant Dean DUT 4. Meng Xiuli, Director of Admission Office DUT 5. Xing Qingqing 6. Sun Wubin 	To seek opportunities of student and staff exchange, and cooperation in academic programs and research projects
24 June 2014	Bangkok University, Thailand	Dr. Mathanan Santiwat, President, BU	To sign MOU
30 June – 1 July 2014	Nepal Education Foundation – Consortium of Colleges, Nepal (NEF-CCN)	Prof. Sri Ram B. Mathe, Chairperson	To discuss about joint programs: 2-stage MBA 2-stage UG programs

Date	University/ Institution/ Organization	Visitors Name	Purpose
7 July 2014	PASCO Corporation, Japan	Dr. Tadashi Sasagawa, Director PASCO Corp. Japan	To sign MOU and discuss about activities between AIT and PASCO
13 August 2014	Sam Higginbottom Institute of Agriculture, Technology & Sciences (SHIATS), India	Prof. Mohd. Imtiyaz, Director, International Education and Training	To further strengthen the relationships with AIT and to discuss joint academic, research and training programs
14 August 2014	Orissa University of Agriculture & Technology, India	1. Dr. Manoranjan Kar, Vice Chancellor 2. Prof. Prem Narayan Jagadev, Faculty Agriculture	Discussion on possible collaboration promotions and activities with AIT
20 August 2014	Bilcare Limited, India	1. Dr. Praful Naik, Executive Director 2. Prof. Siddharth Jabade, Prof. VIT	Signing of MOU
26 August 2014	Bhutan Embassy, Thailand	H.E. Mr. Kesang Wangdi, Ambassador of the Royal Bhutanese Embassy	To discuss and further strengthen about the collaboration between AIT and the Government of Bhutan
26 August 2014	Stanford University, USA	Prof. Oussama Khatib, Prof. Computer Science	Conduct lecture on "Lecture with Robots"
28 August 2014	Sultan Qaboos University, Oman	1. Prof. Ali Soud Al-Bemani, Vice Chancellor 2. Prof. Joydeep Dutta, Chair Nanotech	Explore areas of collaboration
4 September 2014	Mitsubishi Rayon Co. Ltd., Japan	1. Mr. Takahiro Ikeda, Director of the Board, Managing Executive Officer, Aqua Business Bloc, Purchasing & Logistics Department 2. Mr. Tsutomu Yuri, Director of Global Business Department, Aqua Division	Handover a donation to AIT by Mitsubishi Rayon Co. Ltd., Japan
8 September 2014	Royal Institute of Management (RIM), Bhutan	1. Mr. Karma Tshering, Director, Royal Institute of Management, Bhutan 2. Mr. Dhanapati Mishra, Head, Department of Management Development 3. Mr. Karma Pema Loday, Head, Department of Business and Finance 4. Mr. Karma Nidup, Head, Department of Management Information System 5. Mr. Tashi Wangzing, Sr. Instructor/Head of the Administration	Discussion on EMBA program and explore possible collaboration with other programs between RIM and AIT

Date	University/ Institution/ Organization	Visitors Name	Purpose
9 September 2014	Eight Japan Engineering Consultants Inc. (E-J Group), Japan	<ol style="list-style-type: none"> 1. Dr. Ryoji Isoyama, Executive Director 2. Dr. Fumio Yamazaki, Professor, Disaster Management, Chiba University 3. Dr. Iwao Suetomi, Group Manager, Department of Disaster Mitigation and Facility Maintenance 4. Mr. Masashi Inoue, Engineer, Department of Disaster Mitigation and Facility Maintenance 5. Mr. Taisuke Odera, Project Leader, Bangkok Representative Office 	To sign MoU and MoA and discuss in details about the scholarships for AIT in the Fields of DPMM and/or Structural Engineering.
24 September 2014	Punyapiwat Institute of Technology (PIM), Thailand	Prof. Dr. Sompob Manarangsarn, President PIM et al	Discuss future cooperation
14 October 2014	Norwegian Embassy to Thailand and Cambodia, Bangkok, Thailand	H.E. Mr. Kjetil Paulsen, Ambassador	To learn about AIT and current NMFA sponsored projects
20 October 2014	Afghanistan Ministries and FAO	<ol style="list-style-type: none"> 1. Eng. Wais 2. Wng. Ghulam 3. Dr. Sayed Sharif Shobiar 4. Dr. Puspa Raj Khanal 	Explore and discuss possible collaboration opportunities in water systems, irrigation and agriculture
28 October 2014	Israel Embassy to Thailand, Bangkok, Thailand	H.E. Mr. Simon Roded, Ambassador	To introduce the Ambassador to AIT and explore possible areas of cooperation.
31 October 2014	Crawford School of Public Policy , Australia National University	Mr. Jonathan Cheng, Deputy Manager, International Development	Explore areas of collaboration and partnerships
4 November 2014	Military Research and Development Center (MRDC), Defense Science and Technology Dept., Thailand	<ol style="list-style-type: none"> 1. Rear Admiral Sahapong Kreupetch, General Director 2. Col. Chulert Jirarratanamethakorn, Deputy General 3. Delegation of High Ranking Officers 	Discuss collaboration in Nano-technology and other areas for military applications
17 November 2014	Thailand National Defence College (NDC), Thailand	<ol style="list-style-type: none"> 1. Lt.Gen. Surasith Thanadthang, Director NDC 2. Lt.Gen. Winai Samesawad, Senior Advisor NDC 3. Delegation of High Ranking Officers 	Explore cooperation with AIT, discussion on scholarships/fellowships and draft MOU
24 November 2014	Mongolia University of Life Sciences (MULS), Mongolia	<ol style="list-style-type: none"> 1. Mr. Tumurbaatar Kheruuga, President 2. Mr. Tserennadmid Sukhtulga, Chief admin and Intl Affairs 	Discuss further on areas of possible corporation before signing MOU

Date	University/ Institution/ Organization	Visitors Name	Purpose
24 November 2014	USAID/US Embassy Thai-US Creative Partnership	1. Mr. Steven Rynecki, Regional Innovation Advisor USAID 2. Ms. Aine Shiozaki, Thai-US Creative Coordinator	To inform AIT of funding oppor- tunities through USAID Devel- opment Innovation Ventures (DIV) and possible collaboration through US Embassy's Thai-US Creative Partnership initiative
26 November 2014	Ministry of Environment, Japan; Institute for Global Environment Strategies (IGES); and United Nations University (UNU)	1. Mr. Soichiro Seki, Vice Minister Global Environment 2. Mr. Hideyuki Mori, President, IGES 3. Dr. Daiseki Sano, Director IGES- BKK 4. Prof. Mario Tabucanon, former AIT President 5. Dr. Kazuhiko Takemoto, Director UNU-IAS	To discussion ongoing partner- ship with RRC.AP and explore areas of collaboration with AIT
28 November 2014	Institut Teknologi Sepuluh Nopember	Dr. Maria Anityasari, Head of ITS, 3 staff from International Office and 15 ITS Students	To discuss the impact of ASEAN Economic Community (AEC) 2015, conduct campus tour and meet AIT Indonesian students.
1 December 2014	Kurita Water and Environment Foundation (KWEF), Japan	1. Mr. Horoshi Fujino, President, KWEF 2. Mr. Takefumi Shimoda, President, Kurita-GK Chemicals Co. Ltd. 3. Prof. Motoyuki Suzuki, Former Vice President of UNU 4. Mr. Kohji Nakamura, General Secretary, KWEF 5. Prof. Shinichiro Ohgaki, President of Japan Water Research Center, Former Resident of NIES (National Institute of Environmental Study), Former Vice Chair of BOT 6. Mr. Tanachai Nilkheim, Kurita-GK Chemicals Co. Ltd.	To sign MoU
4 December 2014	Indonesian Agency for Agricultural Research and Development (IAARD), Indonesia	1. Dr. Chandra Indrawanto, Deputy Director for Research Cooperation and Public Relation 2. Ms. Dra. Siti Nurjayanti, MSc, Head, Sub Division Human Resources Planning and Development	Discuss the possibility of sending master's and doctoral students to AIT
17 December 2014	Network Startup Resource Center (NSRC), University of Oregon	Mr. Steve Hunter, Executive Director, NSRC	Ceremony of appreciation for the donation of 200-250 wifi access point

PARTNERS IN 2014

GOVERNMENTS

AFGHANISTAN

- Ministry of Higher Education (MOHE)

BHUTAN

- Ministry of Education

CHINA

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

EAST TIMOR

- Ministry of Agriculture and Fisheries (MAF)

ETHIOPIA

- Ministry of Agriculture and Rural Development

FRANCE

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

GERMANY

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

INDONESIA

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

IRAN

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

JAPAN

- Japan Aerospace Exploration Agency (JAXA)
- The National Space Development Agency
- Ministry of Environment (MOE)

KOREA

- Korea International Cooperation Agency (KOICA)

LAO PDR

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

MALDIVES

- Civil Service Commission

MYANMAR

- Ministry of Construction, The Republic of the Union of Myanmar

NEPAL

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

THE NETHERLANDS

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

NORWAY

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

PAKISTAN

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

THE 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)
- WWF

SWITZERLAND




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

THAILAND

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

-  National Institute of Metrology
-  National Science Museum (NSM)
-  Office of the Non-Formal and Informal Education (ONIE)
-  Sirindhorn International Environmental Park Foundation under the Patronage of HRH Princess Maha Chakri Sirindhorn
-  Software Industry Promotion Agency (SIPA)
-  Software Park Thailand, Technology Management Center
-  The Pollution Control Department
-  Mass Rapid Transit Authority (MRTA) of Thailand

VIETNAM

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

HIGHER EDUCATION AND RESEARCH INSTITUTIONS

AFGHANISTAN

-  Kandahar University














AUSTRALIA

-  Murdoch University

AUSTRIA

-  Universitaet Klagenfurt



BANGLADESH

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

BHUTAN

-  Royal Institute of Management (RIM)

CAMBODIA

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




CANADA

-  Universite de Montreal

CHINA

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

DENMARK

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

FINLAND

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

FRANCE

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

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

GERMANY

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

HONG KONG

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

INDIA

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

- 📖 Poornima University
- 📖 Poornima School of Management
- 📖 Poornima College of Engineering and Poornima Insitute of Engineering
- 📖 PSG Institute of Advanced Studies
- 📖 Sam Higginbottom Institute of Agriculture, Technology & Sciences (SHIATS) – Deemed University
- 📖 Shivaji University (SU)
- 📖 Sri Jayachamarajendra College of Engineering, Mysore
- 📖 T.A.Pai Management Institute (TAPMI)
- 📖 TempleCity Institute of Technology and Engineering
- 📖 TERI University
- 📖 Vishwakarma School of International Studies
- 📖 Vishwakarma Institute of Technology
- 📖 Indian Institute of Management Kozhikode (IIMK)
- 📖 Assam Don Bosco University (DBU)
- 📖 College of Agriculture Baramati and Mahatma Phule Krishi Vidyapeeth CAB–MPKV

INDONESIA

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

IRAN

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

ITALY

- 📖 ASVI School for Management and Social Change

JAPAN

- 📖 Chiba University
- 📖 Chubu University

- 🏢 Department of Civil and Earth Resources Engineering, Kyoto University
- 🏢 Faculty of Fisheries Science, Hokkaido University
- 🏢 Hokkaido University
- 🏢 Institute of Industrial Science, Asian Association of Remote Sensing, The University of Tokyo
- 🏢 International Center for Urban Safety (ICUS) Engineering, Institute of Industrial Science, The University of Tokyo
- 🏢 International University of Japan (IUJ)
- 🏢 Japan Advanced Institute of Science and Technology (JAIST)
- 🏢 Keio University
- 🏢 Keio University Graduate School of Media and Governance (Keio-MaG) and Institute for Global Environmental Strategies (IGES)
- 🏢 Kyoto University, Graduate School of Engineering/ Graduate School of Global Environmental Studies/ Graduate School of Management
- 🏢 Mie University
- 🏢 Nagaoka University of Technology
- 🏢 National Institute for Environmental Studies (NIES)
- 🏢 National Institute of Advanced Industrial Science and Technology (AIST)
- 🏢 Ochanomizu University
- 🏢 Research and Development Center of Nippon Koei Co., Ltd.
- 🏢 Remote Sensing Technology Center (RESTEC)
- 🏢 Saga University
- 🏢 Sokendai Graduate School for Advanced Studies
- 🏢 The National Institute of Informatics
- 🏢 The United Nations University
- 🏢 The University of Tokyo
- 🏢 The University of Tsukuba
- 🏢 Tohoku University
- 🏢 Tokyo Institute of Technology
- 🏢 Toyo University
- 🏢 University of Yamanashi, Center of Excellence for Research and Education on Integrated River Basin Management in Asian Monsoon Region
- 🏢 Utsunomiya University
- 🏢 Yokohama National University YNU

KAZAKHSTAN

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

KENYA

- 🏢 Multimedia University College

KOREA

- 🏢 Dong-A University
- 🏢 Hanyang University
- 🏢 K-Water Academy
- 🏢 Korea Advanced Institute of Science and Technology
- 🏢 Korea Infrastructure Safety & Technology Corporation
- 🏢 Korea Institute of Construction Technology
- 🏢 Korea Institute of Geoscience and Mineral Resources
- 🏢 Korea Institute of Science and Technology
- 🏢 Korea University
- 🏢 Korea University of Science and Technology
- 🏢 Kumoh National University of Technology
- 🏢 Pukyong National University
- 🏢 Seoul National University
- 🏢 SK Construction & Engineering Co., Ltd
- 🏢 The Ajou University, Institute of Energy Systems and Climate Change (IECC)
- 🏢 The Highway Research Division and Advanced Transport
- 🏢 Research Division of the Korea Institute of Construction Technology
- 🏢 University of Seoul, Department of Geoinformatics
- 🏢 Yeungnam University

KYRGYZ REPUBLIC, TAJIKISTAN, KAZAKHSTAN AND HIS HIGHNESS AGA KHAN

- 🏢 University of Central Asia (UCA)

MALAYSIA

- 🏢 Universiti Putra Malaysia
- 🏢 Universiti Teknologi Mara (UiTM)
- 🏢 Universiti Tun Hussein Onn Malaysia (UTHM)

MONGOLIA

- 🏢 Mongolian University of Science and Technology (MUST)
- 🏢 Mongolian Univ. of Life Sciences (MULS)

MYANMAR

- 🏢 Mandalay Technological University
- 🏢 Yangon Technological University

NEPAL

- 🏢 Kathmandu University
- 🏢 Local Development Training Academy (LDTA)
- 🏢 National Banking Training Institute
- 🏢 National Information Technology Institute (NITI)
- 🏢 Nepal Academy of Science and Technology
- 🏢 Nepal Administrative Staff College (NASC)
- 🏢 Pokhara University

 Purbanchal University


 South Asian Institute of Management

NIGERIA


 Federal University of Technology, Akure

NORWAY


 Norwegian University of Life Sciences

 Norwegian University of Science and Technology


PAKISTAN

 Balochistan University of Engineering and Technology, Khuzdar


 Balochistan University of Information Technology, Engineering & Management Sciences, Quetta (BUIITEMS)


 Government College University, Lahore (GCU, Lahore)

 Lahore College for Women University


 Mehran University of Engineering and Technology, Jamshoro

 National University of Sciences & Technology, Islamabad


 NED University of Engineering and Technology, Karachi

 Sukkur Institute of Business Administration


 The University of Faisalabad

 University of Engineering & Technology, Lahore

 University of Engineering & Technology, Taxila


 University of Veterinary and Animal Sciences (UVAS),

 Pakistan Institute of Management (PIM)

 National University of Sciences and Technology (NUST)

THE PHILIPPINES

 Mindanao Polytechnic State College


 University of the Cordilleras

PORTUGAL


 Universidade de Minho

SPAIN

 Universitat Politecnica de Catalunya

 Escuela de Alta Direccion y Administracion (EADA), Barcelona

SRI LANKA

 International College of Business and Technology (ICBT), a member of Ceylinco Consolidated

 South Asian Institute of Technology and Management

 University of Vocational Technology


 Uva Wellasa University (UWU)

SWEDEN


 KTH, Kungliga Tekniska Hogskolan

 The University of Kalmar


 University of Boras

 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

 Tunghai University THU

 National Taiwan University of Science and Technology

 College of Mgmt-Chang Gung University

 Chang Gung University


THAILAND


 Asian University (AU)

 Chiang Mai University

 Chulabhorn Research Institute


 Chulachomklao Royal Military Academy

 Faculty of Engineering, Chulalongkorn University


 Center of Excellence Building and Environmental Technology of Faculty of Architecture (CE), Chulalongkorn University


 Mahidol University


 Naresuan University

 Pathumthani Province and Educational and Research institutions in Pathumthani Province

 Rangsit University

 Ruamrudee International School

 Srinakharinwirot University – Institute for the Promotion of Teaching Science and Technology

 Srinakharinwirot University – Software Industry Promotion

 Bangkok University Agency

UGANDA

 Busitema University

UNITED KINGDOM

 Aston Business School, Aston University

 University of East London

UNITED STATES OF AMERICA

 Department of Agricultural Economics, Kansas State University, Kansas

 Institute for Scientific Research (ISR), Boston College

 Oregon State University (OSU)


 University of Rhode Island, The Coastal Resources Center

 Colorado State University

 The Heller School for Social Policy and Management, Brandeis University

 Southern New Hampshire University

VIETNAM

 Danang University of Technology (DUT)

 Foundation Engineering Institute (FECON INS)

 FPT University

 Hanoi University of Agriculture

 Hanoi University of Technology

 Ho Chi Minh City University of Architecture

 Hong Duc University

 Hue University of Agriculture and Forestry

 International University


 Nong Lam University


 University of Economics and Business

 University of Transport and Communications


 Vietnam National University

 Vietnam Petroleum Institute

 Binh Duong Economics and Technology University (BDKT)

 Duy Tan University

YUGOSLAVIA

 University of Novi Sad, Faculty of Technical Sciences, Serbia

PRIVATE SECTOR**AUSTRALIA**


 Entura Hydro Tasmania (ENTURA)

BANGLADESH


 Bangladesh Bank

 Design Planning and Management Consultants Ltd. (DPM)

 Yunus Center

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

BELGIUM


 Mindcrossing Limited (a member of AREOPA group)


BHUTAN


 Bank of Bhutan Limited

CHINA

 YueHan Shanghai Trading Co., Ltd.

 Guangdong Education Service of International Exchanges Tianhe Center (GESIE)

 AsiaInfo-Linkage Technologies (China), Inc. (AILK)

 Gold East Paper (Jiangsu) Co., Ltd. Shanghai Branch (APP)


FRANCE

 Campus France

HONG KONG

 CSR Asia Ltd.

INDIA

 Charkha Educational Consultancy Services

 GIS Development Private Limited, Noida


 Global Reach

 Modi International Studies, Indore

 Speck Systems Ltd., Hyderabad

 United Group of Institutions

 M/S Quality Education

 Hand in Hand Microfinance Private Limited (HiHMFPL)

 EDU-World

 Bilcare Limited

 JIS Group

INDONESIA

 Pt. Damba Intra

IRAN

- Research and Consulting Company of Shakhes-Sazan

JAPAN

- Ebara Hatakeyama Memorial Fund
- Overseas Construction Association of Japan, Inc. (OCAJI)
- PASCO Corporation
- Mitsubishi Rayon Co.Ltd

MALAYSIA

- ITPSB UTP Petronas

MYANMAR

- Myanmar Computer Company Ltd. (MCC)
- Management and Business Center (UN-MBC)
- Water Research and Training Center (WRTC)
- National NMFA
- United Network Co., Ltd, UNCL
- Myanmar Egress

NEPAL

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

NIGERIA

- Nkoyo Resources Nigeria (NRN)

NORWAY

- Norwegian Electricity

PAKISTAN

- Hyderabad Electric Supply Company Limited (HESCO)
- Islamabad Electric Supply Company Limited (IESCO)
- Lahore Electric Supply Company Limited (LESCO)
- Pakistan Water and Power Development Authority (WAPDA)

SINGAPORE

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

SOUTH KOREA

- Hyundai Engineering & Construction (Hyundai E&C)
- Hyundai Engineering & Construction, R&D Division
- Korea Research Council of Fundamental Science and Technology KRCF

SRI LANKA

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

TAIWAN

- ST International Co., Ltd., BVI

THAILAND

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

THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND



- Elim Project Systems Limited (EPSL)

VIETNAM

- Petrovietnam
- Portcoast Consultant Corporation

ASSOCIATIONS




MYANMAR

-  Myanmar Engineering Society (MES)
-  Myanmar Egress

INDIA

-  SHE Foundation

JAPAN

-  Overseas Construction Association of Japan, Inc. (OCAJI)
-  Eight Japan Engineering Consultants Inc
-  Kurita Water and Environment Foundation KWEF

NEPAL

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





PHILIPPINES

-  Angeles University Foundation (AUF)

SRI LANKA

-  Sri Lanka Foundation

THAILAND



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

INTERNATIONAL ORGANIZATIONS



DENMARK

-  UNEP Riso Centre

FRANCE

-  Télécoms Sans Frontières (TSF)
-  Telecom SudParis


INDONESIA

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

JAPAN

-  Institute for Global Environmental Strategies (IGES)

MALDIVES

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

THE NETHERLANDS

-  The UNESCO-IHE Institute for Water Education

THE PHILIPPINES

-  Asian Development Bank

TANZANIA

-  The Global Horticulture Initiative (GlobalHort)

THAILAND

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



AIT
Asian Institute of Technology