



AIT
Asian Institute of Technology

AIT

ANNUAL REPORT
2015



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This Annual Report was compiled and produced by Karma Rana, Izel Ann Mojado-Dante, Namita Sravat, Sanjeev Jayasinghe, 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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Senior Fellow Harvard University and President Institute of Future Studies for Development

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Advisor, King Mongkut's University of Technology Thonburi, (KMUTT)

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Former President, Asian University Thailand

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Deputy Permanent Secretary, Ministry of Foreign Affairs

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Rector, Thammasat University

Professor Worsak Kanok-Nukulchai
President (ex-officio)

Mr. Thanin Bumrungsap
President, AIT Alumni Association (ex-officio)

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H.E. Mr. Kjetil Paulsen
Ambassador of Norway to Thailand

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

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Prof. Kanchana Kanchanasut
Vice President for Research

Prof. Kazuo Yamamoto
Vice President for Resource Development

Prof. Rajendra Shrestha
Chairman, Academic Senate

Dr. Kyoko Kusakabe
Representative of Faculty

Dr. Jonathan Shaw
Representative of Staff

Mr. Muhammad Imran (Pakistan)
President, Student Union (August 2015)

*Interim Secretary to the Board
Mrs. Kulvimol Wasuntiwongse*

MESSAGE FROM THE CHAIRMAN OF THE AIT BOARD OF TRUSTEES

Since assuming the Chairmanship of the AIT Board of Trustees in October 2013, I have been actively working with the Board, Executive Committee and Administration, towards ensuring AIT is strongly positioned in the coming years so that it can deliver on its important role as a "Service Provider" to fulfill both regional and global development needs. AIT's role must be to continue supporting human beings as well as countries in the region, which the Institute has been effectively doing over the past 56 years. This must continue and be further strengthened in the coming years.

A number of initiatives have been undertaken over the past two years, in moving towards the development of a comprehensive plan starting from the "Vision of AIT" document, "Road Map", "Development Plan" leading up to a "Business Plan".

In support of the "Business Plan" and from an implementation perspective, I have learned a great deal from my many interactions with AIT faculty researchers. I am highly encouraged by the progress we have made in linking up with external partners, in a number of innovative areas, through specific projects under the Board agreed upon broad "Thematic Research Areas". Some of these targeted new projects post include climate change related initiatives post COP 20, engineering entrepreneurship and leadership, solar energy research and commercialization, ASEAN power grids and trading, algae project for high value products, waste water treatment by algae, nano-battery cells among others.

I wish to convey my gratitude to all members of the Board of Trustees, Executive Committee, partners, alumni and friends, who have rendered their full support to AIT and continue to reach out in different ways and means. 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.

With all best wishes,



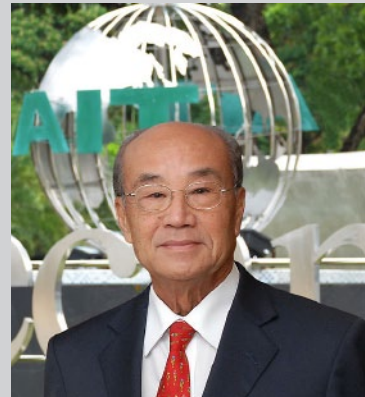
Dr. Subin Pinkayan

Chairman

Board of Trustees

Asian Institute of Technology

Bangkok, Thailand



MESSAGE FROM THE PRESIDENT



The year 2015 was another challenging but equally rewarding year for the Asian Institute of Technology (AIT). Overall, it was a successful year for the Institute's students, faculty and staff members who collaborated with myriad partners as well as our valued AIT alumni around the world. Happily, AIT succeeded on a number of fronts in 2015. A high priority was bringing stability to the Institute, which had experienced considerable financial, management and governance stresses in the recent past.

The Institute was able to plug the leaks, and halt the financial bleeding that took AIT on a downhill path in recent years. Importantly, AIT regained the trust and the support of its strategic partners, especially its host country, Thailand. The Institute is now moving in the right direction, with renewed strength and vigour. I have always believed that we must reinvigorate the three most important parts of the AIT engine – the Faculty, the Students and the Finances, which I refer to as the 'Triangle of Growth.' In principle, AIT aims to increase the strength of its faculty to attract a good student population, which will bring more revenues to hire top faculty, enabling the Institute to attract even more students, which will in turn result in even higher revenues, and more progress in the years to come.

Normalizing relations with host country Thailand not only brought us the needed financial resources, but also regained the trust and support of other donors. With better financial health, AIT can afford to upgrade its campus environment to be more conducive to attracting top faculty and students. There were three campus issues that needed to be addressed, the research equipment, the library facilities and the campus infrastructure. All three are timeworn and in dire need of a major overhaul after 40 years of use, even before the floods. In fact, the flood served as a blessing in disguise, providing us with a golden opportunity to completely renovate our campus.

On the library, there is a worldwide trend that university libraries are exploring a new model for service delivery, known as "digital commons". Many campus libraries have remodelled their physical facilities in order to best serve students and faculty, adding computers, cafes, classrooms, outlets and study areas. This trend is very timely in providing AIT an opportunity to raise funds to modernize our library, rather than just repairing its flood-damaged ground floor. It is well known in the philanthropic world that donors want their money to be associated with building a future success, rather than repairing a past failure. That has been one of the main reasons and motivations behind why we chose to embark on a fundraising campaign for our Library Modernization.

As you know, thanks to the overwhelming support of alumni and friends, AIT was able to raise around 80 million Baht, which is about twice of our original target. On the equipment, most flood-damaged equipment have been repaired, except some that are either out-dated or too expensive. We are embarking on a targeted campaign to upgrade our laboratories, utilizing our alumni networks and approaching private corporations. It is more sustainable to install an internal built-in mechanism which allows all fields to accumulate their operational surplus for a periodical equipment upgrade and the Administration will be proposing this to the Board.

On the campus infrastructure, in the immediate aftermath of the floods, a lot of patchwork repair was carried out in different parts of the campus in order to quickly resume the campus life. I have received the approval from the Board to use the rest of the insurance money to replace, rejuvenate, and upgrade the entire

campus infrastructure backbone, namely (1) the air-conditioning system, (2) the electrical system, (3) the water supply system, (4) the waste water system, and (5) the ground and pavement system. This will be the first major campus renovation carried out since AIT moved to this brand new campus in 1971.

Once these 3 issues have been properly addressed, the campus environment should be much more conducive to international learning and research. I am confident that, slowly but surely, AIT will be able to positively drive the wheel of the "Triangle of Growth" into a new era. While 2014 was a year of reflection, restraint and rehabilitation, 2015 has been a transformative year for AIT.

I wish to thank the Board of Trustees, Executive Committee, Alumni, Partners and the AIT Community members, for the understanding, the constructive advices, and the patience during the transformation work in progress. The Institute welcomes your positive participation in the journey ahead and looks forward to your strong and continued support.

Sincerely,

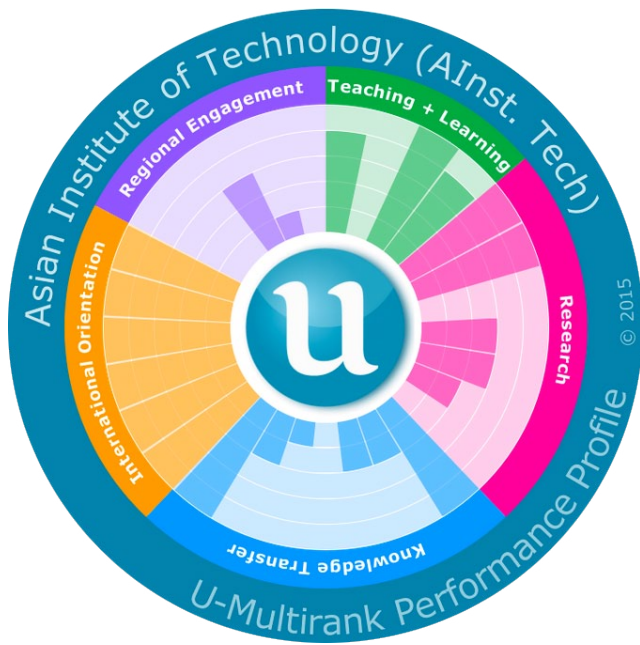


Professor Worsak Kanok-Nukulchai

President

Asian Institute of Technology

INSTITUTIONAL HIGHLIGHTS



International Orientation Rankings: Institutional

	Institution		Student mobility	International academic staff	International joint publications	International doctorate degrees
1	Asian Inst. Tech	TH	A	A	A	A
2	U Bergen	NO	A	A	A	A
3	Bocconi University	IT	A	A	A	A
4	U libre de Bruxelles	BE	A	A	A	A
5	Central European U Budapest	HU	A	A	A	A
6	ESSEC Business School Cergy	FR	A	A	A	A
7	Chalmers U Tech	SE	A	A	A	A
8	U College Cork	IE	A	A	A	A
9	Delft U Tech	NL	A	A	A	A
10	Tech U Denmark	DK	A	A	A	A

AIT ranked "Top International University" in the World in 2015

Historic Penetration in International University Rankings

During the year AIT also achieved the key milestone of penetrating into international university ratings and rankings for the first time in its history. First, AIT was awarded top five-star ratings in three (3) categories – internationalization, teaching and facilities – by Quacquarelli Symonds, known as QS, one of the world's leading higher education evaluation agencies. At a time when universities in Asia debate the yearly Asia University Rankings released by QS World University Rankings and the Times Higher Education Rankings, AIT, as the first regional postgraduate Institute, remained unaccounted for in either list. AIT wrote to both ranking organizations and received a clear reply that it was not eligible to participate because it was not a full-fledge university. While the Institute was unable to participate in the "Institute-wide" rankings, AIT was included in "World University Rankings by Faculty" and "World University Rankings by Subject" for the first time. Despite its small size, AIT fared exceedingly well in both rankings.

In the 2014–15 QS World University Rankings by Faculty, AIT's faculty in Engineering and Technology was ranked 210th in the world, above many well-known universities. In addition, AIT's faculty in the broad areas of Social Sciences and Management was ranked 283rd in the world.

In the 2015 QS World University Rankings by Subject, QS ranked AIT among the 'global top' in four subject areas. AIT was ranked in the top 151–200 of the world in Civil and Structural Engineering, the top 151–200 in Environmental Sciences, the

top 251–300 in Electrical and Electronics Engineering, and the top 301–400 in Computer Science and Information Systems. In addition, the AIT School of Management (SOM) was a close runner up as the best business school in Thailand, according to the 2014 ranking of the world's top 1000 business schools by Paris-based Eduniversal.

It should be noted that Civil and Structural Engineering, the traditional flagship program of AIT, is ranked globally at par with the Colorado State University, which happened to serve as a prototype for the Institute when the U.S. Government helped establish AIT in 1959.

Participating in the newly launched U-Multirank, AIT ranked as the most international university in the world. The Institute was the only university in Asia among the top 41 universities in the world to receive full scores under 'international orientation'. It earned straight "A" grades for its student mobility, international academic staff, international joint publications and international doctoral degrees.

AIT has also submitted its recent data to the Thailand Research Fund (TRF) for its assessment and ranking. It should be noted that in the earlier 2010 TRF academic rating, out of the 9 engineering and technology clusters that AIT could participate, AIT obtained excellent ratings (5) in four areas and very good ratings (4) in five areas.



The image displays three panels, each representing a different QS STARS 2015 rating category for AIT. Each panel features a photograph at the top, the QS STARS logo, the year 2015, the category name, and a five-star rating.

- Teaching:** A photograph of a professor pointing at a statue in a lecture hall. The rating is 5 stars.
- Internationalization:** A photograph of four students standing in front of flags from various countries. The rating is 5 stars.
- Facilities:** A photograph of a female student in a lab coat working with a petri dish. The rating is 5 stars.

AIT awarded QS Five-Star ratings



The infographic is set against a background image of a tree-lined path at AIT. It features a circular graphic on the left showing Thailand as the 1st ranked country in the region. On the right, two tables list global and Far East Asia rankings for various management programs.

2015

1st THAILAND

GLOBAL RANKING

- 15th Agribusiness/Food Industry Management
- 53rd Entrepreneurship
- 54th Sustainable Development and Environmental Management

FAR EAST ASIA RANKING

- 11th Corporate Finance
- 13th Engineering and Project Management
- 16th Executive MBA
- 16th MBA Full time
- 18th General Management

SCHOOL OF MANAGEMENT

AIT's Management programs ranked among global leaders, tops in Thailand



AIT Degree recognized for the first time

During the year, AIT degrees were officially recognized for the first time. When AIT was granted on 22 May 2015 Associate Membership of the Association of Indian Universities (AIU) – the apex coordinating body for all universities in India – all AIT degrees were fully recognized by India. AIU plays the important role of evaluating foreign degrees and granting recognition. From now on, AIT graduates are to be

treated at par with graduates from prestigious Indian universities like Indian Institute of Technology. The request for AIU to recognize AIT's degrees came in March 2015, when President Worsak visited India to receive the award of Honorary (Honoris Causa) Doctor of Science (D.Sc.) from Sam Higginbottom Institute of Agriculture, Technology and Sciences (SHIATS).



Student Union
International Cultural
Show
20 February 2015





President Worsak awarded Honorary Doctorate by Sam Higginbottom Institute of Agriculture, Technology & Sciences, India
18 March 2015



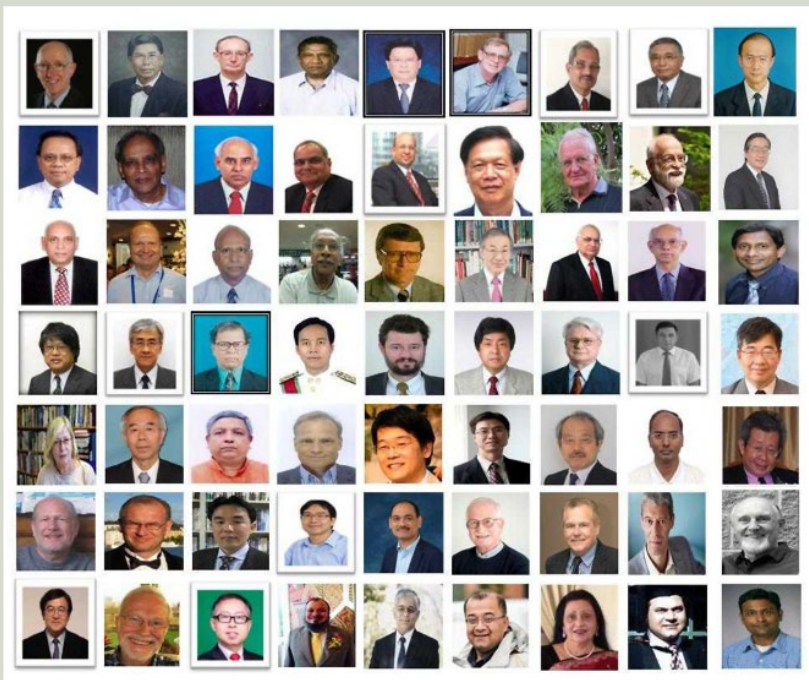
International Integrated Bachelor - Master Degree Program gets under way with Indian Ambassador H.E. Mr. Harsh Vardhan Shringla (right) welcoming the maiden batch of 55 students
15 January 2015



Taiwan Premier H.E. Dr. Mao Chi-Kuo reminisces AIT, supports AIT entrance gate as a gift to his Alma Mater
21 March 2015



AIT to support Nigeria in housing and sanitation
19 January 2015



Global re-engagement with Former AIT Faculty Members

Aside from the official appointment of Emeritus Professor by the Board of Trustees, AIT has launched an innovative way to connect with its pool of former faculty members in the form of "Distinguished Adjunct Faculty (DAF)". To entertain their strong wish to contribute to AIT, this engagement opens an official channel for them to maintain their association with AIT. This pool also includes AIT's prominent alumni who have become professors in top universities all over the world. In late October 2014, AIT President Prof. Worsak Kanok-Nukulchai invited all former faculty members "who had AIT in their hearts" to participate in a survey soliciting their professional support. The aim was to strengthen AIT's relationship with this diaspora of former faculty members, so that they could serve as AIT's academic ambassadors.

So far 73 former faculty members working at top universities around the world have accepted AIT's offer to join the DAF initiative. In addition, seven alumni who possess a professorial rank in renowned universities have also accepted to be DAF. Under the DAF initiative, a former faculty member can maintain a professional affiliation with AIT by using AIT's ID, business card and email address. AIT would provide a common office space with secretarial support whenever DAF members are present at AIT. Although the association is voluntary, DAF members can be remunerated on specific services rendered to AIT Schools, Centers, research projects or other fund generating units by providing course teaching, research, outreach, consulting and developing new academic curricula.



**Australian Ambassador
H.E. Mr. Paul Robilliard, and
Bangladesh Ambassador
H.E. Ms. Saida Muna
Tasneem visit AIT
2 - 3 February 2015**



**Ambassador of Hungary
H.E. Dr. Peter Jakob
pays maiden visit to AIT
23 June 2015**



**AIT International
Food Fair
10 April 2015**



**AIT's first female faculty member
Prof. Samorn Muttamara
honored with a room in her
name
10 April 2015**



**Google Street View Car
and Google Trekker
maps AIT
1 September 2015**



**123rd Graduation: AIT alumni reaches
the 100-country mark
22 May 2015**



UNESCO to celebrate birth centenary of AIT's first Board Chairman 2 November 2015

UNESCO will celebrate the birth centenary of Dr. Puey Ungphakorn, first Chairman of the AIT Board of Trustees. His birth centenary falls in 2016.



AIT signs MoU with Irrigation Department, Sindh, Pakistan 7 December 2015



30 Afghan students arrive under ADB program



AIT hosts "Regional Forum on Climate Change" 1 - 3 July 2015

Nobel Laureate José Ramos-Horta (left) with AIT President Prof. Worsak Kanok-Nukulchai

Regional Forum on Climate Change

AIT also burnished its international reputation on July 2005 when it played host to the Regional Forum on Climate Change – Low Carbon and Climate Resilient Societies: Bridging Science, Practice and Policy. AIT organized the Forum along with France's Ministry of Foreign Affairs and Development, the European Union and ASEAN. The international level forum was a prelude to this year's historic COP21 climate change summit in Paris, France. It attracted over 400 international scientists, practitioners and policy makers. Nobel Laureate H.E. José Ramos-Horta delivered a keynote speech at the Forum, which attracted widespread media attention. The Forum, along with a parade of international symposiums, conferences and workshops held at AIT throughout the year, underscored the Institute's special role as a neutral space for convening the best minds to tackle Asian region cross-border problems and global challenges such as climate change. The Forum prepared a message for COP21. Prof. Mukand Singh Babel of AIT presented the key messages from RFCC at a UNEP event organized on 2 December 2015 at Paris. AIT's Dr. Shobhakar Dhakal was widely quoted for his views on COP21 including 'The Economist.' His commentary was also published in a special Elsevier issue on "Climate change: A virtual special issue with commentary for #COP21."

German Ambassador hands over DAAD scholarship certificates

German Ambassador H.E. Mr. Peter Prügel handed over DAAD scholarship certificates at the German Embassy in Bangkok to AIT students (3 December 2015).



AIT enters China in a big way, 5 MoU's signed

- Guizhou Provincial Education Department
- Guizhou Vocational and Technical College
- Guizhou Institute of Technology
- Nanjing Institute of Rail Technology
- Zhejiang University



MoU on Manpower for Development
in Railways, Korea
26 August 2015



Royal Thai Armed Forces establish landmark
academic partnership
23 July 2015



China Scholarship Council Secretary
General Dr. Liu Jinghui visits AIT
15 July 2015



Nepal Ambassador to Thailand, H.E. Mr. Khaga Nath
Adhikari calls for increased ties with AIT
29 September 2015



AIT launches 1st-ever aviation
sector training program with
Airports of Thailand (AOT)
4 September 2015



HRH Princess Maha Chakri Siridhorn visits AIT Exhibition Booth at CRMA,
bestows token of appreciation
17 November 2015



AIT reaches out after Nepal earthquake





Bangladesh Minister inaugurates 100th advanced course on Administration and Management
26 October 2015

H.E. Ismat Ara Sadique (right), Minister of State of Public Administration, Bangladesh, and H.E. Said Muna Tasneem (left), Ambassador of Bangladesh to Thailand inaugurated the 100th Advanced Course on Administration and Development (ACAD) at AIT.



AIT President at OECD's World Science and Technology Forum
20 October 2015

Prof. Worsak Kanok-Nukulchai delivered a keynote speech on "Science Education and Human Resource Development" at the World Science and Technology Forum (WSTF), which was a prelude event to the OECD Ministerial Meeting held at Daejeon, Korea .



400 students from 28 countries in Asia, Africa, Europe, North and South America join AIT
4 August 2015

STUDENTS AT A GLANCE

STUDENT ENROLLMENT AND GRADUATES IN 2015

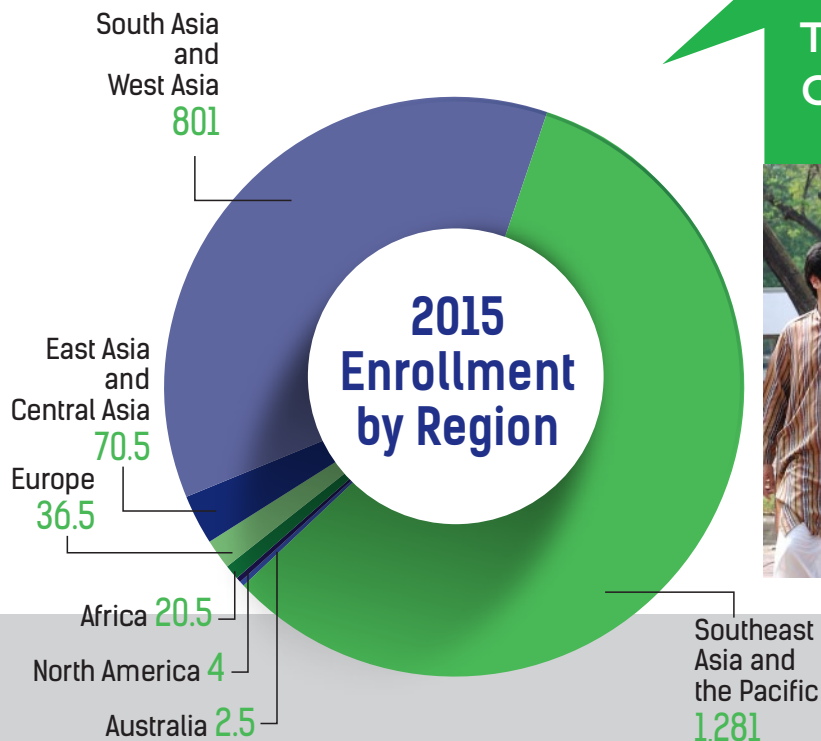
A total of 748 new students joined AIT in 2015. In January 2015 semester, 151 new students enrolled from 16 different countries from four main different regions namely South Asia, Southeast Asia, Europe and others. 68% of these students enrolled in the School of Engineering and Technology (SET); 26% in the School of Environment, Resources and Development (SERD); 5% in the School of Management and the rest enrolled in Interdisciplinary programs. Approximately 27% of the students were women. 20% of the students from the postgraduate programs were self-

support, 11% have external donors and the remaining with AIT Fellowship including Unified Bachelor –Master students. In August 2015 intake, 525 new students joined from 31 countries with all continents represented except America. Nine are from Africa; 61% were from Southeast Asia; 32% from South and East Asia and 3% from Europe. Around 51% of these students were enrolled in SET, 28% in SERD and 18% in SOM. The rest are in Interdisciplinary programs. Approximately 41% of the students were women. 47% of students in the postgraduate programs received full scholarships monitored by AIT e.g. RTG Scholarships (HM King and Queen Scholarship; GMS Scholarships and RTG Fellowship); ADB-JSP Scholarship; Japan Scholarship and DAAD, Germany and Private Sector (Bangchak and Thai Pipe). 11%

have external funding; 18% were self-support and 24% with AIT Fellowship.

The average total enrollment (new and continuing students) in 2015 was 2,216 from 49 countries. 54% of the students were enrolled in the Master Program; 22% in the Doctoral Program, 23% in the Bachelor program and the rest in other programs. 54% of the students are enrolled in SET, 25% from SERD, 20% from SOM and 1% from Interdisciplinary programs. The male-female distribution was around 63–37.

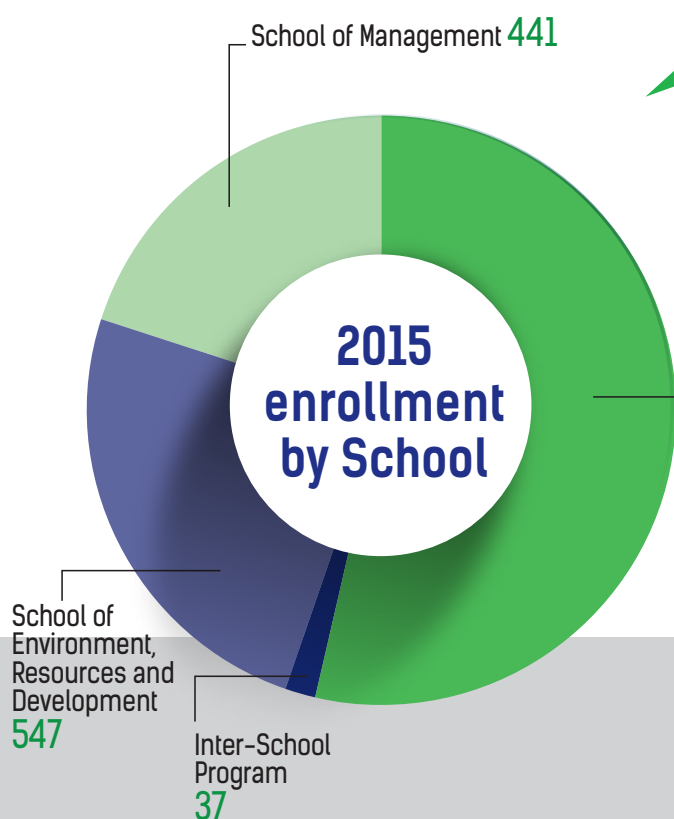
A total of 732 students graduated in 2015. Of the 732 graduates, 70% obtained Master and Professional Master degrees, 7% obtained Doctoral degrees, and 23% obtained Bachelor degrees.



50

TOTAL COUNTRIES OF ORIGIN IN 2015





2,217

TOTAL ENROLMENT OF STUDENTS IN 2015

School of Engineering and Technology
1,192



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	TOTAL
		<i>Thesis</i>	<i>Research Studies</i>	<i>Projects</i>	<i>Internships</i>			
SET	15	139	23	62	1	240	169	409
CEIM	1	11		62		74		74
CS		6	4			10		10
GTE		20	7			27		27
ICT	1		2			3		3
IM	1	1	5			7		7
IME	2	15	1			18		18
ME	3	19				22		22
MES	1	11				12		12
NT		1				1		1
OTM		7			1	8		8
RSGIS	2	11				13		13
STE	1	9				10		10
TC		1	4			5		5
TE	1	4				5		5
WEM	2	23				25		25
SERD	23	118	14	6	0	161		161
AARM	1	6				7		7
ABM	1	2				3		3
ASE	2	6	1			9		9
CCSD		3				3	0	3
E	4	15	4			23		23
EEM	5	32	5			42		42
FBT	1	11	1			13		13
GDS	2	14				16		16
NRM	4	13				17		17
RRDP	1	9	3			13		13
UEM	2	7				9		9
UM				6		6		6
SOM	11	0	14	87	0	112		112
BA			14	8		22		22
BF				10		10		10
CSR				3		3		3
EMBA(V)				65		65		65
EMBA(BKK)				1		1	0	1
DBA	3					3		3
SM-PHD	8					8		8
SET & SERD	0	9	1	0	0	10		10
DPMM		1	1					0
UWEM		8						0
SERD & SOM	0	0	3	0	0	3		3
EBM			3			3		3
TOTAL	49	266	55	155	1	526	169	695

SET	School of Engineering and Technology
CEIM	Construction, Engineering and Infrastructure Management
CS	Computer Science
GTE	Geotechnical and Earth Resources Engineering
ICT	Information and Communications Technologies
IM	Information Management
IME	Industrial and Manufacturing Engineering
ME/MES	Mechatronics/ Microelectronics & Embedded Systems
NT	Nanotechnology
OTM	Offshore Technology and Management
RSGIS	Remote Sensing and Geographic Information Systems
STE	Structural Engineering
TC	Telecommunications
TE	Transportation Engineering
WEM	Water Engineering and Management
SERD	School of Environment, Resources and Development
AARM	Aquaculture and Aquatic Resources Management
ABM	Agri-Business Management
ASE	Agricultural Systems and Engineering
CCSD	Climate Change and Sustainable Development
E	Energy
EEM	Environmental Engineering and Management
FEBT	Food Engineering and Bioprocess Technology
GDS	Gender and Development Studies
NRM	Natural Resources Management
RRDP	Regional and Rural Development Planning
UEM	Urban Environmental Management
UM	Urban Management
SOM	School of Management
BA	Business Administration
BF	Banking & Finance
CSR	Corporate Social Responsibility
EMBA	Executive Master's in Business Administration
DBA	Doctor of Business Administration
PHD	Doctor of Philosophy
SET-SERD	
DPMM	Disaster Preparedness, Mitigation and Management
UWEM	Urban Water Engineering & Management
SERD-SOM	
EBM	Energy Business Management

CAREER CENTER AND STUDENT AFFAIRS

77

NUMBER OF
COMPANIES
THAT ATTENDED
THE AIT CAREER
FAIRS IN 2015

104

NUMBER OF
STUDENT
ISSUES
HANDLED
AND
RESOLVED IN
2015



FACULTY AT A GLANCE

2015 FACULTY FIGURES

Faculty	Faculty Headcount Annual Average	Faculty Strength in FTE*	Students	Student-to-Faculty (FTE) Ratio
SCHOOL OF ENGINEERING AND TECHNOLOGY				
Full-time Faculty	31.5	31.5	1,206 ¹	16.8 ¹
Visiting Faculty >1y	5.5	5.5		
Visiting Faculty <1y	20	10		
Adjunct Faculty	99	25		
Total	156	72		
SCHOOL OF ENVIRONMENT, RESOURCES AND DEVELOPMENT				
Full-time Faculty	30.5	30.5	566	11.8
Visiting Faculty >1y	3.5	3.5		
Visiting Faculty <1y	16	8		
Adjunct Faculty	25	6		
Total	75	48		
SCHOOL OF MANAGEMENT				
Full-time Faculty	7.5	7.5	445	23.4
Visiting Faculty >1y	1	1		
Visiting Faculty <1y	7	3.5		
Adjunct Faculty	27	7		
Total	43	19		
ASIAN INSTITUTE OF TECHNOLOGY				
Full-time Faculty	69.5	69.5		
Visiting Faculty >1y	10	10		
Visiting Faculty <1y	43	22		
Adjunct Faculty	151	38		
Total	273.5	139.5	2,217¹	15.9¹

* 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

ACADEMIC DEVELOPMENT

The institute's **Academic Senate (AS)** is responsible for recommending to the President policies for developing and conducting academic programs and policies, reviewing and establishing curricula, awarding of degrees and diplomas, evaluating faculty productivity and performance, and recommending through the President to the Board nominations for the Honorary Doctorate degree. During the Year 2015, the Chairperson Prof. Rajendra P Shrestha led the Academic Senate.

The Academic Senate met once every month in the year 2015 as per its scheduled meetings. The very first meeting on 28 January 2015 was also attended by the Chairman of the Board of Trustees, H.E. Dr. Subin Pinkayan who shared his 'Vision for AIT (2015-19)' with the members. 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 733 students in year 2015 (508 students on 22 May, 51 students on 29 July 2015 and 174 students on 16 December 2015) 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). The year 2015 was a historic one, as it has now graduated students from 100 countries and territories spread across all continents.

AIT's Master's of Business Administration (MBA) programs was once again ranked among top global programs. The rankings released by Eduniversal placed three of AIT's programs among the top 100 in the world, and five programs have been ranked among the top 20 in 'Far East Asia'. All eight AIT programs were rated as the best in Thailand, and one program was rated among the top 20 worldwide. AIT's Master of Agribusiness Management, which is jointly offered by the School of Environment, Resources and Devel-

dimension of the global university ranking among 1,200 universities from 83 countries. In the second edition of the annual ranking announced on 30 March 2015, AIT stood out as the only university in Asia among the top 41 universities in the world to receive full scores under 'international orientation'.

A New Milestone was reached when all AIT Degrees were officially recognized by India as a result of AIT being granted Associate Membership of the Association of Indian

Universities (AIU), the apex coordinating body for all universities in India. The Governing Council of AIU authorized AIT membership at its meeting on 22 May 2015. As the representative body for all universities of India, the AIU plays the important role of evaluating foreign degrees and granting recognition. AIT's

graduates will now be treated with equivalence to all graduates from Indian universities.

The Academic Senate continued undergoing the curriculum review exercise for all the programs offered by AIT, with its standing committee, Academic Development Review Committee (ADRC) tasked to do so. The ADRC from August 2015 onwards started meeting every week to expedite the process of curriculum review. This is the first time that the course outlines have been revised making them student centric, where by the learning outcomes, time distribution and study load, and teaching and learning methods are also specified in the course outline.



opment (SERD) and the School of Management (SOM) breaks into the top 20 programs worldwide in the category of Agribusiness and Food Industry Management. The MBA program offered by SOM is also a global leader being rated 53rd in Entrepreneurship, and 54th in Sustainable Development and Environmental Management. Four AIT programs were world-ranked in 2015 by QS World University Ranking: Civil and Infrastructure Engineering, Electrical and Electronics, Computer Science, and Information Science. AIT also tied for the title of the world's top international university in the U-Multirank 2015 Institutional Ranking. AIT claimed joint top rank in the 'international orientation'

SCHOOL OF ENGINEERING AND TECHNOLOGY (SET)

EXECUTIVE SUMMARY

Financial Performance

The 2015 financial performance showed an increase in net operating surplus compared to the approved surplus budget by 22%, from the budgeted 17.0 million Baht to the tentative actual of 20.8 million Baht surplus. The school did not manage to achieve the proposed operating revenue, nevertheless, the surplus showed improvement as a result of cost cutting in operating expenditures especially under the salary and benefits category since hiring of new faculty could not be concluded as planned. In addition to cost saving, faculty support, travel and promotion activities have been minimized as well as materials, supplies & service categories. The school plans to strengthen weaker programs through rigorous promotion this year to increase the number of students to meet the proposed surplus budget of 15.2 million Baht this year.

Faculty Figures

In 2015, the School recently recruited 4 faculty members in the areas of Mechatronics, Telecommunications, and Water Engineering Management, renewed about 11 full-time faculty members and promoted 2 faculty members, namely, Dr. S. Shrestha and Dr. Sarawut N., to the academic rank of Associate and Assistant Professors, respectively. The total full-time faculty equivalent is 71 of which 31 are full-time, 5 are seconded and 35 are part-time faculty with a faculty diversity index of 59%. Based on total student enrollment and faculty full-time equivalent, the student-faculty ratio is computed at 26.6.

Currently, the school is in the process of recruiting four (4) new full-time faculty in the areas of Remote Sensing & GIS, Geotechnical and Earth Resource, Industrial and Manufacturing Engineering, and Computer Science and Information Management. In addition, two more faculty positions were to be requested under Construction, Engineering and Infrastructure Management, and Nanotechnology to strengthen the school's faculty resources.

Student Figures

Total enrollment in 2015 is 459 (PG-290+ UG169) about 4% below the school's target number of 476. The

total applications received was a bit low compared to the previous years, nonetheless, the school's total student number is picking up due to the good enrollment number from the previous years. For January 2016 intake, the school's number of enrollment is 83 which is 26% higher than last year's intake and only 5% behind our target number of 87 or 74% of the total AIT enrollment, of which 65 students are under the Unified program that was initiated last year. As of now, total of 30 applications were received for August intake and the school is targeting a total of 541 new students this year which is about 20% higher than the previous year due to high number of student intake from Unified program.

In 2015, higher number of students were from Thailand, Myanmar, Afghanistan, Nepal and India. Although Afghanistan was not the school's priority target country, good number of student intake were received through the human resource development project initiative. SET's priority target countries for 2016 are Myanmar, Nepal, Vietnam and Thailand.

Research and Academic Projects

In 2015, a total of 29 sponsored and contracted research projects with budget value of 68.8 million Baht and 6 sponsored and contracted academic projects with budget value of 39.8 million Baht were successfully initiated by the faculty and staff from the fields and centers of the School. During this period 22 projects were also successfully completed with budget value of 25 million Baht. However, SET is expecting decrease this year since Geo Informatics Center and Habitech are now considered as institute-wide centers.

Visibility

SET signed 17 MoU and MoA related to the school, 7 with European institutes, 12 with Asian institutes and 1 with an American institute in 2015.

In 2015, the school visited universities in Thailand through the year and also participated in the conferences with booth set up for AIT in Thailand and in Nepal. SET also visited some industrial companies to explore the possible collaborations and participated in exhibitions like OCSE, Bangkok Post Career and Education fair, Thailand Education Exhibition, CRMA research exhibition and Career Fair in Mahidol International College.

AIT Open House was organized and advertised twice in February and November, SET received around 70 participants from total of around 175 participants and received several applications. SET also organized Summer and Winter Training programs for students from United Group and JIS Group of Colleges, India, each year, which increased AIT visibility in India. SET also organized AIT Day in Vietnam each year, which helped connect with prospective partners, alumni and prospective students.

SET's target countries for 2016 are Myanmar, Nepal, Vietnam and Thailand as well as visits to China, India, Indonesia and Sri Lanka to be continually visible. SET recently organized 'AIT Day' event along with other schools in Myanmar on 16th January 2016. In addition, SET will be visiting Sri Lanka in February for possible initiative for staff development program and in early March, SET plans to organize 'AIT Day' event along with other schools in Nepal and Vietnam, as well as organize an AIT Open House event and participate the regular yearly education exhibitions and visit other universities in Thailand throughout the year. To be more visible, SET plans to encourage more summer programs/study visits from partner institutes, to organize sport events between AIT and other institutes for visibility from a different perspective, and to create a page for each event on Facebook to attract viewers.

New Ventures

In 2015, five new batches were offered for Professional Masters in Project Management in Can Tho, Hanoi, Ho Chi Minh, Vietnam and Naw Pyi Taw, Myanmar plus one new batch for Professional Masters in Geotechnical Engineering in Hanoi, Vietnam. This year the school is expecting to also offer new batch of Professional Masters in Project Management and Geotechnical Engineering though could be lesser than the previous year due to the currently situation in Myanmar.

Currently, SET has three active double/joint degree programs with University of Nice Sophia, Telecom sud Paris and UNESCO – IHE.

The first batch of 40 students enrolled in 2015 for Unified Program collaboration with Jawaharlal Nehru Technological University (JNTU), India. As of January 2016, the second batch of 65 students are also enrolled and SET is expecting to receive more new students every year. In addition, the school would like to extend the Unified program initiative to other countries as well.

Highlights

- Prof. Mukand Singh Babel has been elected as one of the 10 Directors of the International Water Resources Association (IWRA).
- Dr. Manukid Parnichkun's topic on "When robots rule the world" and Prof. Pennung Warnitchai's topic on "Seismic shift in thinking" have been featured in Bangkok Posts in 2015.
- Dr. Matthew N. Dailey, delivered a 7-minute pitch of 'AIT Smart Feed: Putting Cameras To Work' to hundreds of potential corporate investors at NSTDA Investors' Day 2015 on Sept. 5 at the Queen Sirikit National Convention Center in Bangkok, Thailand.
- Dr. Sangam Shrestha hosted 10 Afghan officials to attend capacity building training program on drainage and irrigation structures on 1 September 2015.
- Ms. Kunnaree Kritiyutanont, RS&GIS student won the 'Best Paper Award' at the recently held 8th Asian Transportation Researchers Society (ATRANS) Symposium – Young Researchers' Forum on 21 August. 2015 in Bangkok, Thailand.

SCHOOL OF ENVIRONMENT, RESOURCES AND DEVELOPMENT (SERD)

EXECUTIVE SUMMARY

Awards and Achievements

Aside from several journal articles and other scientific reports, SERD faculty published the following books

- Multi-level Forest Governance in Asia
- Gendered Entanglements: Re-visiting gender in rapidly changing Asia
- Gender and Land Tenure in the Context of Disaster in Asia

SERD faculty received AIT Distinguished Research Awards under the Senior Research Leader Category.

SERD staff received The Marina van Damme award from the University of Twente, The Netherlands.

SERD student won the following awards:

- The 2015 Secretary of States International Women of Courage Award.
- Several other best paper and research awards
- Top honors at the FAO debate competition organized to mark the 2015 International Day of Forests on 20 March

SERD intake, scholarships, and students: A total of 234 students, representing 27 countries, enrolled in SERD (including interdisciplinary programs) in 2015 with a pay factor of 89%. SERD achieved 82% of its targeted intake in 2015. It was 70% in 2014.

SERD received 5 DAAD, 3 ADB, 7 GMSARN, 15 HM Queen's, 3 AIT-VN, 4 MOAC, 2 CSC and 2 Bangchak Scholarships. SERD was also successful in receiving about 21 scholars from externally funded donors from Vietnam, Thailand, Indonesia, World Bank and others.

27 undergraduate students Bio Systems Engineering admitted in SERD. Total undergraduate students are 38.

Full Fee Paying students				Partial paying
Full scholarship	Externally funded	RTG (full)	100% self-support	AIT Fellowship
41	21	30	4	138

22 Unified Bachelor and Master Program students admitted for the first time in September 2015 in collaboration with JNTUK, India.

169 SERD students graduated in 2015 (13% were PhD graduates). SERD total students at the end of the year were 566 (65% Non-Thai + 35% Thai).

SERD Finance

- Total Operating Revenue: 138 million Baht
- Total Operating expenditure: 82.2 million Baht.
- Gross surplus: 55.8 million Baht
- Net surplus expected after AIT overhead allocation: 0.9 million Baht.

Sponsored Research

36 new sponsored research projects were initiated in 2015 with a total budget of 45.02 million Baht including AIT overhead of more than 4.5 million and Faculty recovery of 3.4 million Baht.

Faculty and Staff

- SERD had 24 full-time and 30 visiting/adjunct faculty members representing 17 countries with a faculty diversity Index of 63%.
- 8 new faculty members recruited in different SERD FoS.
- There were 116 staff members including 37 direct-hired staff in academic units, and 79 research-funded staff under externally-funded research projects.

- SERD staff training was held in July 2015 and the objective of the training was to promote positive thinking, team work and organization communication of staff.

School Curriculum Review

All Programs in SERD had submitted their revised curricula to ADRC, out of which, 3 have been approved by the Academic Senate. All SERD revised curricula is expected to be implemented in January 2016 semester.

Upgrading of Classrooms and Laboratories in SERD

Most of the classes and labs in SERD have been renovated and upgraded. Internet cabling in SERD academic building has been replaced completely with new ones for efficient and effective internet connections in the classrooms and faculty rooms.

Research facility (such as labs and greenhouse) has been renovated.

Promotional activities

Several promotional activities were conducted at the universities and organizations in Thailand, Cambodia, Indonesia, Sri Lanka, Vietnam, Japan, India and other countries by faculty/staff during their visits for conference, seminar, project visit etc.

SERD carried out successful online and newspaper advertisements in India, Nepal and Vietnam and got a large number of queries and interested applicants to apply for the August 2016 semester.

Agreements Initiated:

- SERD has MoA with International School of Global Urban and Social Studies, RMIT, Australia for student exchange.
- MoA with CIRAD for Secondment of a new faculty (Dr. Nicolas Fayse from UMR G-Eau to AIT)
- MoA with Mangroves for the Future (MFF) for Postgraduate Certificate Program on Integrated Coastal Management with AARM program.
- MOA with Theun-Hinboun Power Company THPC, Lao PDR to provide one full Master's scholarship for Lao national in Energy business.
- MoA with Uddaraju Ananda Raju Foundation (UARF) India for joint academic and research activities.

Nationality of recruited faculty member FoS

India – 3	DPMM, GDS, AARM
Ghana	ABM/ASE
Japan Citizen/ Cambodian	NRM
Korea	UEM
UK	EEM
Vietnam	FEET

- MoA with South Asian Institute of Technology and Medicine (SAITM) International Collaborative for Bachelors-Masters Degree Program.

SCHOOL OF MANAGEMENT (SOM)

EXECUTIVE SUMMARY

In 2015, SOM observed the growing challenges of the changing face of business schools all around the globe. Following the resignation of SOM Dean in April 2015, President appointed Prof. Nazrul Islam as the Acting Dean from 1st May, 2015 and then Interim Dean from 1st July, 2015 to take the school leadership and resolve immediate concerns of the school.

In this year, Incumbent Dean focused on strengthening working relationship with AIT center in Vietnam for executing SOM's Executive MBA programs in Vietnam, and reviving the 2 stage MBA program with NEFCCN, Nepal.

A summary of the major achievement of 2015 include,

Business School Ranking

SOM was ranked as one of the top business school in South East Asia by Eduniversal ranking.

- SOM has been awarded 4 Palms of Excellence by Eduniversal. The only other institute which also got 4 Palms of Excellence in Thailand is SASIN of Chulalongkorn University.
- The MBA program of SOM ranked among the top 250 in the world and also number 1 in Thailand by Eduniversal.

Prof. Islam, interim SOM Dean,, on invitation, addressed the Eduniversal World Convention 2015 at Harvard University, USA in the plenary session on "Changing student population: How to respond to their needs?"

Corporate Partnership Development

A new partnership development approach was initiated by the incumbent Dean this year to develop partnership with corporate companies for student placement. A few notable companies who visited/communicated with SOM in this regard include, Chia Tai Company Ltd (CP Group, Thailand), EY Advisory (Ernst & Young), Southern Group, Microsoft, Decker & Co., Novalux (mother company Shinko Shoji- Japan), and AEC Partners – France .

Alumni Relationship

To develop the relationship with alumni, SOM Homecoming Day was held in October, 2015. Alumni' from several countries attended the program and express their support by providing internship & placement to the current students.

Academic Partnerships (Under development)

- LAHES, Sri Lanka, discussion to start 2 stage MBA program in Sri Lanka.
- MOU with University of Toledo, USA is under progress.

Admission

A total number of 112 students (Both Fund 10 & 30), representing more than 10 countries were admitted in 2015. As in previous years, SOM maintained the highest pay factor amongst all schools. (.86) in regular programs (Fund 10).

Financial Status (Forecast 2015)

The School's total operating revenue was 43.94 Million THB with an operating expense of 36.57 Million THB. The net surplus was projected at 7.39 Million THB.



AIT PROJECTS AT A GLANCE

OVERVIEW

The year saw a focused approach towards the research and development agenda that was achieved by building on AIT's niche in thematic areas of strength, and made possible with the whole-hearted commitment of the faculty and staff. Overall, during the period January to December 2015, a total of 313 sponsored and contracted projects with a budgeted value of 1,400,098,015 THB 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. During 2015, a total income of 364,775,943 THB with 86,444,033 THB contribution to the institute through overhead, payroll recovery and fixed assets. 191 projects were also successfully closed on accomplishment of their project activities with 17 millions THB cash balance.

Brief enumerations of some of the key activities conducted are provided below:

RESEARCH AWARDS

AIT Distinguished Researcher Awards: As an outcome of the Research Policy & Procedures Consultations, the AIT Distinguished Researcher Awards was instituted. These awards aim to recognize and honor faculty and staff for their contributions to the Institute through their research and service to their professions, as well as to provide motivation to its faculty and staff to get more involved in these activities. Their efforts in implementing these research activities have greatly

benefitted the Institute in terms of enhancing not only its research but garnered rich experiences and knowledge that were put back into the classrooms empowering the students. The first winner under the categories of **AIT Research Leader Award** was Prof Nguyen Thi Kim Oanh and the **AIT Young Researcher Award** was Dr Sangam Shrestha.

COLLABORATIONS AND NETWORKS

The focus on networks and partnerships has seen the development of joint initiatives that have endeavored to enhance the collaborations with donor agencies and stakeholders, which had many joint efforts through proposal submissions comprising faculty and staff across schools. There were also direct interactions and visits with Donor agencies and stakeholders that have led to the initiation of research dialogue and project collaborations such as the ICT-Asia project funded by the French Ministry of Foreign Affairs, the GIZ funded GHG Mitigation options in Thai waste sector project and the TORUS (Toward an Open Resource Using Source Services) Consortium project funded by the European Union.

AIT successfully performed activities under the SSFA agreements with UNEP under the Climate Technology Centre and Network (CTCN) Project jointly implemented through institute-wide collaborations with SDCC. The project successfully organized capacity building programs and responses to NDE requests both regional and globally. There were spin-off projects which were successfully materialized with the active participation from the different fields of study.

The Regional Forum of Climate Change (RFCC) was successfully organized by SDCC which provided an important regional platform to discuss various elements of climate change required for us to make those choices, and to help ease the translation of science into policy and practice.

The call for proposals in the areas of ICT and Climate Change funded by the French Ministry of Foreign Affairs was successfully launched which aimed at importantly enhancing the research collaborations in the region and beyond. These research projects are to be implemented in 2016.

RESEARCH SUPPORT AND PROMOTION

AIT NeXUS: SMART City/Community Showcase:

The AIT Nexus Task Force chaired by the VP Research provided recommendations and proposals, towards specifically having an integrated showcase and innovation center for researches / technologies carried out and developed by the Institute to enhance AIT's visibility, as well as develop the campus as a living laboratory. NeXUS intends to have an open approach and intends to carefully identify AIT and regional researches / technologies (complete / integrated) that can be implemented towards smart villages / communities and can reflect international perspectives, which can be showcased and / or commercialized in partnership with industry and relevant external organizations. This is geared towards assisting researchers with spin-offs and business startup from their researches, with the establishment of an independent NeXUS Foundation and a NeXUS Venture Capital which is also envisaged under the initiative.



AIT ANNUAL REPORT ON RESEARCH

The Research Report for 2104 was published which provides a consolidated overview of the research activities conducted across the institute during the year. The quality of AIT's research could be attributed to its strength in the respective thematic areas of research namely: Environment, Water, Energy, Industry, Food, Development, Infrastructure, and Information and Communication Technologies (ICT). The research report was outlined based on these eight themes which were grouped under their relevant fields of studies.

INSTITUTE WIDE RESEARCH SEMINARS

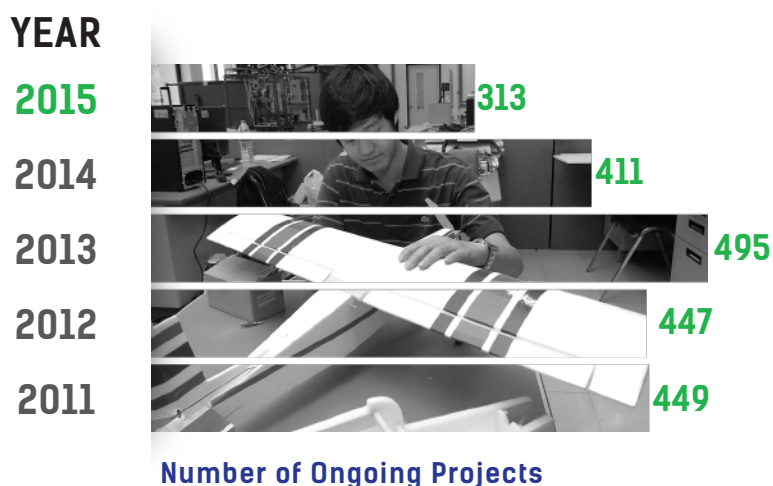
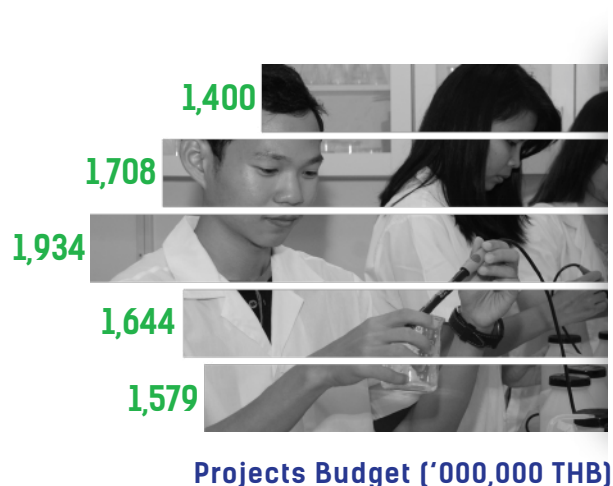
A seminar was conducted on the topic "Intellectual Property Strategies and the sharing of best prac-

tices". Talks were delivered by IP experts namely Mr Franck Fougere, Managing Partner, Ananda Intellectual Property and Dr. Orakanoke Phanraksa, of the Technology Management Center, NSTDA. This was aimed at providing a better understanding of the procedural and implementation aspects of the Intellectual Property strategies for the stakeholders involved. It was also a good opportunity for the experts to share experiences and bring about new avenues for joint research collaborations.

A seminar on the R&D Tax Incentive Scheme was organized which was attended by a team from NSTDA headed by Dr. Janekrishna Kanatharana, Vice President to explain the procedures and guidelines of the R&D Tax incentive scheme. AIT was amongst the few universities that had successfully registered under the scheme which helps bring forth an array of avenues for Research & Development collaborations with the private sector.

The Strategic Meeting titled "Needs and Opportunities in Climate Change and Sustainable Development in Asia" was successfully organized with SDCC towards brainstorming key challenges, needs and opportunities in climate change and sustainable development in Asia and the Pacific. As well as explore the feasibility of developing capability within AIT towards assisting the capacity building needs of developing countries in the region in climate change mitigation and adaptation, including facilitating access to climate funds. This institute wide initiative was supported by Dr Bindu Lohani, ADB's Former Vice-President for Knowledge Management and Sustainable Development and former Faculty member of AIT.

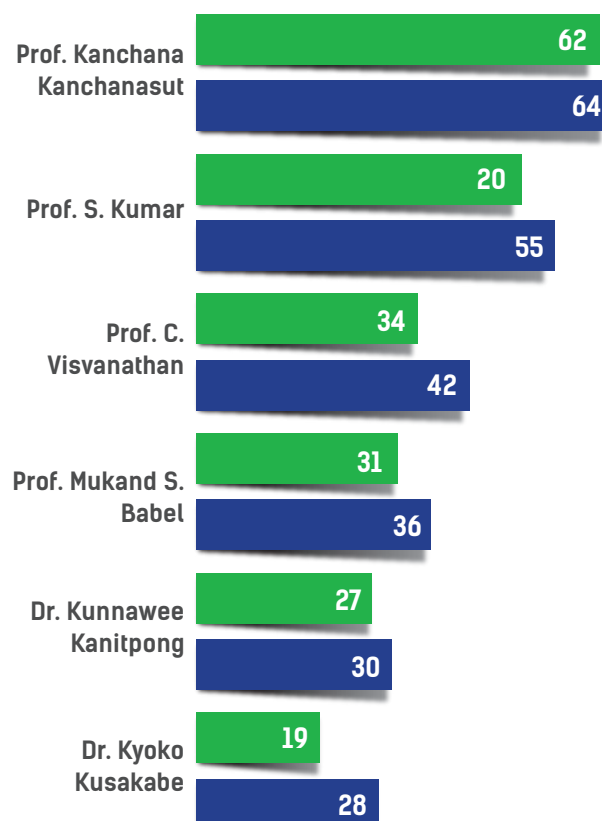
ONGOING PROJECT NUMBERS AND BUDGET 2011-2015



TOP SCOPUS CITATIONS

1. On the acceptability of arguments and its fundamental role in nonmonotonic reasoning, logic programming and n-person games (Cited 1,699 time(s)) 1995; Artificial Intelligence; Dung, P.M.
2. Developments in industrially important thermostable enzymes: A review (Cited 534 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 345 time(s)) 1989; Water Science and Technology; Yamamoto, K., Hiasa, M., Mahmood, T., Matsuo, T.
4. An analytical approach for DG allocation in primary distribution network (2006) International Journal of Electrical Power and Energy Systems, Cited 326 times, Acharya, N., Mahat, P., Mithulananthan, N.
5. An abstract, argumentation-theoretic approach to default reasoning (Cited 316 time(s)) 1997; Artificial Intelligence; Bondarenko, A., Dung, P.M., Kowalski, R.A., Toni, F

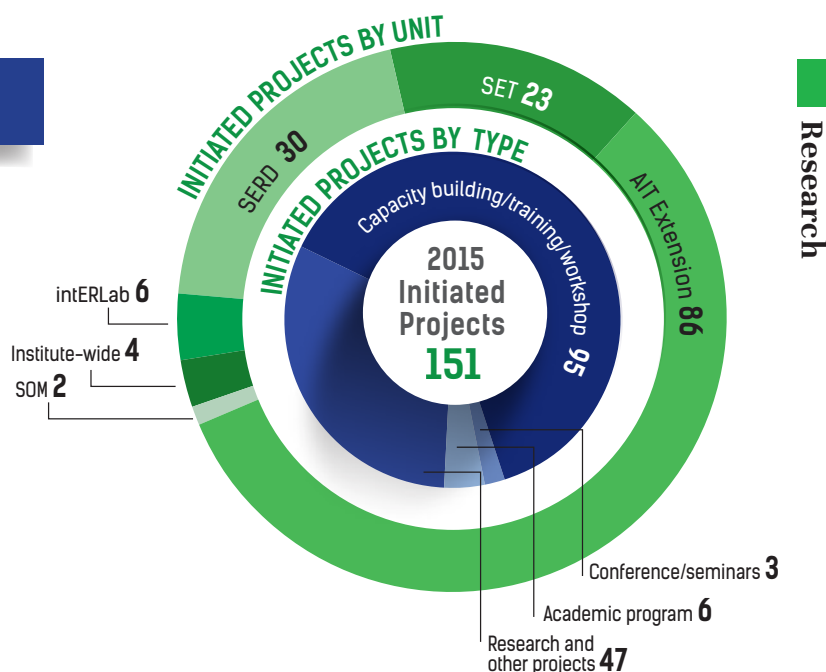
TOP RESEARCHERS WITH THE HIGHEST NUMBER OF PROJECTS INITIATED IN 2006 - 2015



PROJECTS INITIATED IN 2015

TOTAL PROJECT BUDGET

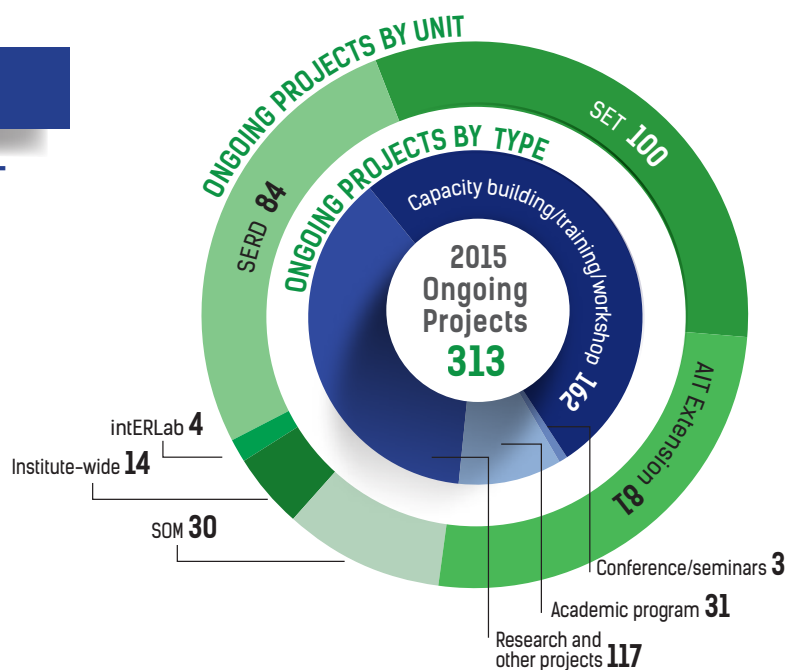
**273 MILLION
THAI BAHT**



ONGOING PROJECTS IN 2015

TOTAL PROJECT BUDGET

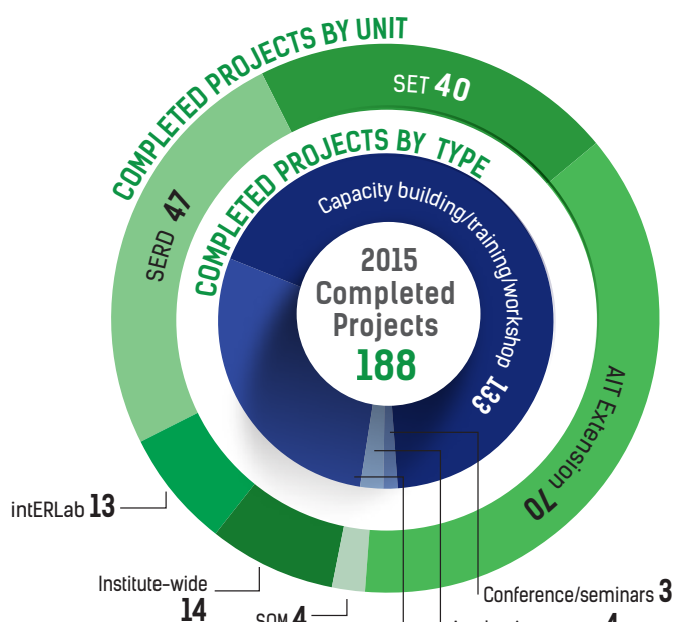
**1.4 MILLION
THAI BAHT**



COMPLETED PROJECTS IN 2015

TOTAL PROJECT BUDGET

**225 MILLION
THAI BAHT**



SCHOOL OF ENGINEERING AND TECHNOLOGY

CENTER OF EXCELLENCE IN NANOTECHNOLOGY (COEN)



Executive Summary

The Center of Excellence in Nanotechnology appointed a new director in April 2014. Just prior, COEN became an independent responsibility center and was designated as an institute-wide research center. COEN was formerly part of Industrial Systems Engineering (ISE) in the School of Engineering and Technology (SET). As an independent center, COEN is responsible for its own funding, student recruitment and administration. The Nanotechnology Academic Program remains in SET. The majority of the support through 2015 was provided by the residual funds available from the Phase I nanotechnology program of NSTDA (National Science and Technology Development Agency of Thailand). Currently, COEN has four fulltime staff: the Director, the Administrative Officer, a Senior Research Associate and one Senior Technician.

Fourteen proposals with industrial or NGO partners were submitted in 2015/2016. Three of the proposals resulted in grants (ca. 5.2 million THB in 2016 for COEN and 2.5 million THB awarded to SET in 2014)

with six others are pending. Countries engaged include India, Japan, China (Hong Kong), the United States, Myanmar, Norway and Thailand. Additionally, collaborative projects (without external or internal funding) have been conducted with SET and SERD. These collaborations resulted in seven plus students outside of COEN taking some or all courses in the Nanotechnology Program and conducting all of their supervised research at COEN. Currently five students are enrolled fulltime in the nanotechnology program. A vigorous Thai student recruitment campaign is underway with the acquisition of a new staff that can devote time to this effort. Our goal is to reach the seven-new-student milestone by the August 2016 intake. The new staff, in addition to recruiting duties, will aid in finding, writing and submitting proposals in 2016.

The Center of Excellence in Nanotechnology's mission is to educate students in the field of nanotechnology and to prepare them for a professional career in any science and engineering profession. Nanotechnology research and products have already contributed \$1.5 trillion USD GDP and are expected to contribute \$3.0 trillion USD by 2020— the ASEAN region is expected to play a greater role in the future and it is important that AIT take part. AIT must retain its place in this already established but rapidly emerging economic sector because it offers a unique international approach to fundraising and collaboration. For example, COEN is pioneering a new model for revenue generation. Specifically, that intellectual property developed at AIT should be spun out into a company that will share revenue with COEN. As proof of concept, COEN was involved in the establishment of a new company called Wisdom Nano Co. Ltd. Thailand.

COEN will dedicate efforts to solidify its position within AIT by aggressively reaching out to all schools and centers. For example, COEN has provided several lectures on nanotechnology to the Summer/Winter Education Tour program from India that comes to AIT twice

per year. In addition to student recruitment, writing new proposals is currently a priority and is in progress. Over the past year and into 2016, we have written 5 research papers (3 published and 2 submitted), 2 published conference proceedings and have 5 manuscripts in preparation for a total of 12 papers. COEN, by invitation of Harvard University Medical School, provided a chapter in the book "Nanoscience and Dermatology" to be published this year. Other honors for COEN include Guest of Honor and Keynote Speakers at the IEEE International Conference on Information Processing in Pune, India in 2015 and other conferences. A book, Nanotechnology for the Life Sciences, is expected to be published later this year.

The KPIs are segregated into 3 general categories: students, funding and faculty. Student numbers are important for revenue but also gauge the health of the program. Three kinds of students are involved— COEN students in the Nanotechnology Program; Students from SET and SERD that wish to conduct research at COEN; and lastly, visiting scholars from other institutions. Please note that only COEN students supply revenue to the program.

The second category revolves around funding sources and the efficiency with which COEN is able to acquire funding. The number of proposals submitted indicates activity in pursuit of funding via newly developed relationships— an ongoing process. Closure efficiency involves the application of numerous skills besides writing a good proposal. The amount of funding is of course of paramount importance. The last category centers on faculty production. We could add greater numbers of students into Master's degree or Ph.D. programs. Currently, 40% of the students are in the Ph.D. program. Publications are a universal standard for evaluation of faculty performance and enhancement of the institute's profile.

GEOINFORMATICS CENTER (GIC)



Executive Summary

Geoinformatics Center of AIT (GIC-AIT) continued working together with internal and external partners to enhance the capacity and technology transfer as well as application of space-based technologies through research, capacity-building, training and project services in the region. GIC-AIT focuses on the use of remote sensing, GIS and GPS technologies in practical and real-world applications, specifically targeting solutions for location based problems. With the present needs on evidence based solutions for development scenarios, GIC-AIT has been targeting its core expertise and applications in multidisciplinary applications such as poverty reduction, disaster risk reduction, agriculture, urban planning, location based data management, forestry and biomass, which are some of the target areas of Sustainable Development Goals agreed globally for next 15 years.

During the year 2015 GIC was positioned and recognized as the institute-wide center dedicated for providing consultancy and training services in the areas of Geoinformatics and related application areas aligned with the vision and mission of AIT. Project consultancy services were extended to large number of countries during the year 2015 including Armenia, Belize, Bangladesh, Bhutan, Cambodia, Dominica, Fiji, Grenada, Indonesia, Lao PDR, Maldives, Myanmar, Nepal, Pakistan, the Philippines, Sri Lanka, St. Vincent, St. Lucia, Thailand, and Viet-

nam. Projects and capacity building conducted in these countries were mainly supported by ADB, JAXA, MRC, RESTEC, UNESCAP, and the World Bank. 8 new projects were initiated and all of them are currently operating.

GIC-AIT was successful to continue working with Japan Aerospace Exploration Agency (JAXA) to provide technical expertise to the region through Mini-Project based training activities. During the year 2015, six countries were supported under Mini-Project schemes, namely, Bhutan, Indonesia, Myanmar, Nepal, Sri Lanka and Vietnam.

GIC-AIT continued as the Principal Data Analyses Node (PDAN) of Sentinel Asia providing emergency mapping support for 10 emergency observations and product generation including Flood in Myanmar, Flood in Vietnam, Flood in Pakistan, Flood in Bangladesh, Flood in Sri Lanka, Forest fire in Indonesia, Typhoon in the Philippines, Earthquake in Afghanistan, and Flood in India. A new Website was launched to further improve emergency mapping activities under Sentinel Asia.

GIC-AIT won several consultancy projects by competitive bidding in 2015. The year 2015 was a successful year for GIC-AIT winning 4 new projects from ADB, WorldBank and UNESCAP collaborating with a number of agencies in the region.

During the year 2015, GIC provided five internship opportunities for the undergraduate students from Thailand and Sri Lanka.

With the support of international agencies, 13 workshops/training programs were conducted by GIC either at the institute or at the local host countries including Armenia, Bangladesh, Bhutan, Cambodia, Fiji, Indonesia, Myanmar, Nepal, Sri Lanka, the Philippines, and Vietnam. Well over 200 participants attended these workshop and training programs.

GIC-AIT accepted collaborative discussions and study visits from MARA Technology of University, Malaysia, Jayawardanapura University of Sri Lanka, Regional Resource Center in Asia and the Pacific (RRC-AP), Kokusai Kogyo Company Limited (KKC), Japan and Universiti Utara Malaysia (UUM) and Universiti Teknologi Malaysia.

GIC-AIT supports Asian Association of Remote Sensing website management and annual ACRS conference to expend the human network in the region and beyond to promote the center as well as AIT to attract students, researchers and future clients. Three papers and discussions were presented in 2015 ACRS conducted in Manila, Philippines.

CENTER OF EXCELLENCE FOR SUSTAINABLE DEVELOPMENT IN THE CONTEXT OF CLIMATE CHANGE (SDCC)



2015 has been a good year for SDCC. It organized, and was involved in, several events and initiatives, most of which were of the international stature. SDCC also undertook a number of research projects and outreach activities during 2015, which had high visibility and impact.

Highlights of 2015

- In January 2015, a reputed project "Developing an operational framework for river health as-

assessment in the Mekong River Basin" was initiated under SDCC with an operating budget of USD 429,990. The project is led by SDCC Director, Prof. Mukand S. Babel, and involves researchers from SET (Dr. Sangam Shrestha and Dr. Victor R. Shinde) and SERD (Dr. Oleg Shipin).

- The project was also presented at the CMRA Research Exhibition by Dr. Victor Shinde, whose audience included Her Royal Highness Princess Maha Chakri Sirindhorn.
- In May 2015, SDCC collaborated with the Climate Technology Centre and Network (CTCN), led by UNEP and UNIDO (AIT being one of the eleven partners), and signed a Project Cooperation Agreement (PCA) amounting to USD 310,000 to implement various CTCN activities in the region.
- SDCC in collaboration with the French MOFAID, EU and ASEAN Secretariat, supported by 13 partners, organized the Regional Fo-

rum on Climate Change (RFCC) on "Low Carbon and Climate Resilient Societies: Bridging Science, Practice and Policy" from 01-03 July, 2015 at AIT. The Forum was attended by around 400 delegates from all over the world, and boasted of internationally renowned keynote speakers. The Forum also was venue for the 2nd ASEAN Working Group on Climate Change, and the EU-ASEAN dialogue, which was attended by high-level government officials from ASEAN.

- SDCC organized and contributed to the 2nd and 3rd meeting of the South East Asian Network of Climate Change Offices (SEAN-CC). The first was held at AIT on 30th June, 2015, while the second was at the UN Center in Bangkok on 2nd and 3rd November, 2015.
- SDCC Director, Prof. Mukand S. Babel presented the outcomes of the science, practice and policy discussions of the RFCC at the 'Our Common Future under Cli-

mate Change' in Paris on 9th July, 2015. This was the biggest scientific conference, attended by more than 1000 scientists, on climate change in the lead-up to COP-21.

- The VP-Research Prof. Kanchana Kanchanasut and SDCC Director, Prof. Mukand S. Babel presented the outcomes of the RFCC at the COP-21 meeting in Paris on 2 December 2015, through a side event organized by UNEP.
- On 12 December 2015, SDCC with the support of Dr. Bindu N. Lohani (Former VP, ADB) organized a strategic meeting at AIT with international and leading external experts to identify opportunities in the climate change sector, and forge synergies with like-minded partners. The meeting resulted in a proposal to re-launch SDCC as Climate Change Asia at Asian Institute of Technology (CCA@AIT), to address key emerging climate change and developmental needs in the region.

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 (interERLab) is an institute-wide research laboratory with main objectives to strengthen AIT's profile in R&D on Internet-related problems, build up capacities of the Internet Engineers for the rapid expansion of the Internet and to co-ordinate activities of Asia-Pacific Internet organizations. The lab offers facilities for AIT research students and faculty as well as contributing to teaching for the main stream curricula of AIT schools.

In terms of research, the lab has focused its strength on extending network connectivity in the region and in particular, in remote areas or in challenged conditions. The core of these activities relied mainly on Mobile Ad Hoc Network (MANET) technology and applications triggered by its early research collaborations Digital Ubiquitous Broadband OLSR (DUMBO) project with the Hipercom group of the Institut National de Recherche en Informatique et en Automatique (INRIA) in 2006. The interERLab 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 2015, interERLab further advanced and aimed its CWMN research framework towards Information and Communication Technology for Development (ICT4D) concentrating on providing Net-to-Home platform (TakNet) with a testbed in Taa Song Yang District, Tak Province. Further R&D on the platform



are being conducted to enable remote community to manage their own network, empower them with own choices of Internet connectivities.

With our high research profile, in November 2015, interERLab, in cooperation with the distinguished ACM SIGCOMM, successfully organized the tenth Asian Internet Engineering Conference (AINTEC 2015) in Bangkok. AINTEC provided an international technical forum for experts from both industry and academia. AINTEC discussed internet technologies that are relevant for the regional challenges in Asia. AINTEC attracted high quality paper submissions and recent research results from international researchers.

Since its establishment in 2003, interERLab has partnered with the US-based Network Startup Resource Center (NSRC) in human resource development (HRD) and capacity building for Internet infrastructure engineers. This year we worked on preparing the network engineers to support the Future Internet's Software Defined Network for the Trans Eurasia Information Network (TEIN). The TEIN NOC Annual Workshop aimed to provide a venue for an improvement of operational services of NOCs in order to bring them all to the level qualified for the operation/ management network and/or the support of TEIN applications. A total of 32 TEIN participants from 18 Asia-Pacific countries joined the workshop. With our industrial partner CISCO, we conducted a workshop focussing on Multi-Protocol Label Switching

(MPLS) and with the Bangkok Internet Exchange (BKNIX) together with NSRC, we conducted one hands-on workshop on the Internet Exchange Manager.

The internet ecosystem comprises many initiatives, organizations and stakeholders which needs regional co-ordination to drive the internet development as well as to provide a venue for regional Internet governance discussions. Since its inception, InterERLab has been the coordinator for these groups in Asia-Pacific through its AP*Retreat secretariat role.

In addition to the three stated primary goals on interERLab, since 2013, the lab has been tasked to provide campus-wide IT networking services to AIT academic and research activities as well as to the residential areas for faculty, staff and students. In 2015, interERLab has successfully co-ordinated an MOU signing between the Office of Information Technologies Administration for Educational Development, Office of Higher Education Commission, Thailand and AIT which enabled AIT to become a full member of the higher education research and education network, UNINET.

With its limited resources and fully self-supported status, all above activities were fulfilled by one half-time director, one Senior Research Specialist, one senior IT specialist, one Post-Doc Researcher Specialist, one Programmer, one IT Consultant, 3 Project Staff, seven IT Support Staff and one Administrative Assistant.

AIT EXTENSION

Purpose

AIT Extension is the continuing, professional and executive development 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.

Performance

1. In **2015**, AIT Extension ran **110 courses** for around **1,700 participants**. Net revenues were expected to be around THB 86.02 million, with a projected surplus of THB 13.19 million (F21: THB 4.13m; F30: 9.06 m).
2. This performance **exceeded the forecast surplus** for 2015 THB 8.2 million. It also compared well with previous years (2012: THB 15.11 million; 2013: THB 21.56 million; 2014: THB 13.65 million). Although the surplus has fallen in absolute terms, as a proportion of revenues (14.20%), it compared well with previous years (2012: 14.65%; 2013: 26.02%; 2014: 13.64%).
3. The **present headcount is 44**, with three vacancies, and personnel costs of THB 28.24 million. In 2016, this will rise marginally to THB 29.62 million. This is still substantially lower than personnel costs in 2004. In 2014, this resulted in a surplus/personnel costs ratio of 0.47, comparable to previous years (2012: 0.50; 2013: 0.72; 2014: 0.45).
4. **Measuring year-on-year performance** was complicated by large 12-month fluctuations, a function of AIT's accounting system. To make better sense of our per-



formance over time, it was useful to aggregate three-year periods. Doing so, revealed a trend of surpluses averaging around 16% of revenues. Historically, it needed noting that surpluses during the set up phase of AIT Extension were just 1.84%, rising to 18.35% during 2005 to 2009, and 18.27% during the period 2010 to 2012. During the period 2015–2018, we expect to maintain a surplus of around 15%.

5. Other **Key Performance Indicators** include customer satisfaction, repeat business, employee turnover, involvement of AIT faculty and internal staff development. **Customer satisfaction** levels were consistently high for almost all courses. There was a high percentage of **repeat business**, with a steady number of strong multi-year partnerships. **Employee turnover** was less than 10% a year. **Faculty involvement** in courses varied, but overall was around 33% of all resource persons. These indicators demonstrate a strong collective performance by resourceful, committed and hardworking staff. AIT Extension was recognized among staff at AIT as being 'a good place to work'.
6. In **2016**, AIT Extension anticipates an ever more challenging, more uncertain environment, with weakening economic performance globally, low oil prices, and falling markets for stocks and commodities main challenge is to maintain recent high levels of performance, and increase returns on our invest-

ment in human resources. With the AIT Conference Center renovation largely completed, we hope to be able to continue to move operations back to AIT. However, it is essential that AITCC management continue to improve the quality of hotel and restaurant services, which are poor value compared with an increasingly competitive hotel market in Bangkok.

7. In 2016, our main **investments** will be in product development, in training facilities, and in the development of its professional staff. We intend to transform our use of technology in the training room to give our programs a competitive edge over competing operations.

Program Highlights

In 2015, the sectors with which AIT Extension was most actively engaged were the oil and gas sector, electricity distribution, water, higher education and banking and finance. An increasingly favored modality is the two or three country program, including programs delivered in the US and Australia as well as other Southeast Asian countries. Some partnership highlights in 2015 were:

- **Water Resources and Irrigation Technology Management Improvement Program (WRITMIP):** During 2014–2016, 20 full-time scholarships for the WEM FoS in SET have been funded by the World Bank for the Government of the Punjab, Pakistan.

- **Banking and Finance Programs:** AIT Extension works with the AIT School of Management to deliver the Professional Masters in Banking and Finance. The intake for 2015 was 15, 26 in 2012, 19 in 2013 and 11 in 2014. Seven short courses were delivered in 2015.
- AIT Extension is working with the **Engineering Leadership Program** headed by Dr. Greg Chiu; one short course was completed in November 2015. AIT Extension assisted with the training needs assessment for the Irrigation Department, Sindh Province, Pakistan.
- **Shanghai Ocean University (SHOU), China:** AIT Extension in collaboration with the College of Fisheries and Life Science at SHOU has developed a Summer Training Program on “Aquaculture Development and Aquatic Resources Management in South and Southeast Asia”, which has been offered yearly since 2013 for students from SHOU.
- **Uva Province, Sri Lanka:** AIT Extension has worked closely with Uva since 2013 to develop capacity at all levels of the provincial government. Similar initiatives are now underway for other provinces through a World Bank-funded project with the Ministry of Local Government and Provincial Councils.
- **Coast Conservation & Coastal Resource Management Department (CC&CRMD), Sri Lanka:** During 2014–2015 AIT Extension in collaboration with CC&CRMD has designed and implemented a series of capacity building programs for officials in the field of Sustainable Coastal Community and Ecosystem Management.
- **Oil and gas industry in Bangladesh.** This has been a major focus of activities during the past three years, with 44 courses offered in collaboration with the Ministry of Power, Energy and Mineral Resources, Petrobangla and its associated companies.
- **Ministry of Education, Youth, and Sport (MOEYS), Cambodia:** AIT Extension worked closely with the Department of Higher Education, MOEYS, Cambodia to deliver study visits and professional development courses under the World Bank-funded Higher Education Management Quality Monitoring and Evaluation Project for over 60 high-level officials. This project aims to enhance capacity in Quality Assurance systems, monitoring and evaluation.
- **University Grants Commission (UGC), Bangladesh:** During 2013–2015, AIT Extension worked closely with the World Bank-funded Higher Education Quality Enhancement Project (HEQEP). Four short courses were conducted for over forty participants.
- **Higher Education Commission, Pakistan:** Since 2007, AIT Extension has built a successful program of professional development with the Higher Education Commission (HEC) of Pakistan. During 2014 to 2015, AIT Extension has organized four multi-country programs for university administrators and faculty members.
- **Gross National Happiness Commission, Bhutan:** In 2015, AIT Extension worked with the Gross National Happiness Commission of Bhutan on a capacity development course on Research and Policy Analysis. Other courses for Bhutan included courses for Bhutan Power Corporation, Bhutan Development Bank and the Ministry of Economic Affairs.
- **Airport Authority of Thailand (AOT):** In collaboration with SPS Global Corporation Co. Ltd., AIT Extension conducted a training course on Aviation Ground Operation Management in August 2015. The training program was designed and implemented to support capacity development of technical staff in airports throughout Thailand, with an emphasis on compliance with international aviation standards.
- **Institute of Secretariat Training and Management (ISTM), Government of India:** During the past two years, AIT Extension has conducted 10 training courses for nearly 300 officers from the Central Secretariat Service (CSS), Government of India. The courses were mostly conducted in Thailand and Malaysia focusing on various topics.
- **Ministry of Social Welfare (MoSW), Government of Bangladesh:** The Jatiyo Protibandhi Unnayan Foundation (JPUF), MoSW and AIT Extension have delivered professional development courses to improve service delivery for persons with disabilities in Bangladesh. These programs are funded by the World Bank.
- **Ministry of Public Administration (MoPA), Government of Bangladesh:** AIT Extension signed Memorandum of Agreement with MoPA in 2015 to serve the ministry as regional training host for training programs in order to enhance good governance, public sector reform and service delivery in Bangladesh.

AIT CONSULTING (NOW AIT SOLUTIONS)

Executive Summary

In its fifth year of operation, AIT Consulting continued working to ensure that its goals and work are aligned with the overall vision and mission of AIT. Just like its preceding years, 2015 brought opportunities to explore new areas and to develop innovative ideas. A total of 34 new projects were initiated with 28 organizations including private companies, government agencies, and international development organizations, encompassing the areas of capacity building, disaster management, structural engineering, software development, and asset verification. Project locations included Afghanistan, Bangladesh, Brunei Darussalam, Guam, Nepal, Nigeria, The Philippines, Timor-Leste, Thailand, Singapore, and Vietnam.

AITC submitted more than 60 proposals to various public and private organizations in 10 territories covering the areas of engineering, energy, disaster management, and asset inspection. 25 projects were awarded from the submitted proposals.

As part of one of Asia's leading higher learning institution, AITC focuses on the creation, accumulation, and sharing of knowledge through various activities. AITC in collaboration with SIA-MA, Australia organized the seminar on Effective Bridge Management from 24-26 June 2015. It also explored the affordable housing sector, collaborating with the National Housing Authority (NHA), Thailand by co-organizing an event Regional Forum on Capability Enhancement for Affordable Housing Solution Development which brought together representatives from ASEAN countries to discuss affordable housing issues and propose solutions.

Keeping in view the importance of corporate visits as information acquisition and collaboration exploration activity, AITC arranged 17 on-campus and off-site meetings with various internation-



al organizations to initiate long-lasting relationships.

AITC publishes Technology magazine, a forum for professionals and researchers to share and disseminate their contribution to the technological development of the Asian region. Two issues with the theme Disaster Resilience and Affordable Housing were published in 2015.

In a span of 5 years, AIT Consulting has made significant progress in developing integrated solutions for sustainable development of the region and serving as a link between research and its practical application. It is however felt that AITC vision and mission could be better served by moving beyond "consulting" to actively build on the strengths, the vision and mission of AIT and its knowledge, skills, inno-

vation, research, training, and development, and play an even more proactive and productive role.

Moving forward, as a result of a collective decision to enhance and maximize the strengths, vision and mission of AIT, AIT Consulting will forge ahead as AIT Solutions. As AIT Solutions, it will continue to generate innovative research, knowledge and deliver projects of superior quality to its regional and international partners- while fostering new relationships and addressing any emerging concerns of its clients. AIT Solutions aims to be proactive change maker in the region and contribute towards its technological development, as well as support the regional and international efforts to achieve sustainable development within Asia.



AIT CENTER IN VIETNAM

Academic Programs

During 2015, the International Executive MBA (iEMBA) attracted 38 participants from large state companies such as PVN, EVN, Hanes Group, Vietnam Paper Corporation, CFC, and a variety of private companies, foreigner and JV corporations such as Microsoft, SUD, Sai Gon Coop Mart, Peb Steel Bld. Co., Jardine Schindler, Scancom International A/S, BBraun Vietnam Ltd. The Masters of Project Management (MPM) Program attracted 32 students from renowned organizations and project management board such as: Project Management Unit 1 – Ministry of Transportation, CIENCO 1, CECO, Vung Ang – Quang Trach Power Project Management Board, VNCC, Hoa Binh Group, EVN, Petrovietnam, Keppel Land Vietnam, Tay Ho construction & Investment, Shimizu Corporation, Obayashi Vietnam, Hoa Sen University, Vincom, Maeda. The Executive Master in Development Policies and



Practices (DPP) recruited 24 students, PM_UM 8 students and IEM 12 students.

Short-course Training and Training-cum-Study Tours

In 2015, AITCV has widened its training service to Green Business and Hospitality and Tourism Management with a significant success together with a wide range of long-lasting training services on:

- Information and Technology (IT) and Industrial Management
- Management and Business
- Environment and Development
- Language Training and Education Development

IT and Industrial Management attracted 1,241 participants from different groups of enterprises including TH Milk, UN, PVPS, HBI, Thermal Power Project 3, VPI, PNJ,

Program	Student enrolled	Number of participants	Number of projects
Academic Programs			
➤ International Executive MBA (iEMBA)	38		
➤ Masters of Project Management (MPM)	32		
➤ Executive Master in Development Policies and Practices (DPP)	24		
➤ Professional Master Program in Urban Management (PM_UM)	8		
➤ Professional Master Program in Industrial Engineering and Management (IEM)	12		
Short-course Training and Training-cum-Study Tours			
➤ Information and Technology (IT) and Industrial Management		1,241	
➤ Management and Business		1,137	
➤ Environment and Development		481	
➤ Language Training and Education Development		209	
International Projects			9

Amway, GEPG, PVTEX, ABP, VietinBank, Panasonic. Management and Business conducted 16 training courses and workshops with 1,137 participants from PV TEX, Ariston, BIC, BIDV, Care International Vietnam, Dr. Binh Tele Clinics, FE credit, Hotel and Tourism Sector, Open course, Satra, Yamaha Motors Vietnam. In Environment and Development, the short course trainings were successfully organized for 481 participants both in Vietnam and AIT Bangkok. 209 participants from EVN, EPTC, and Vietnam Red Cross have joined Language Training and Education Development training course.

In total, AITCV conducted 95 training courses with 3,068 participants from different sectors and different levels of management. The traditional customers still send their staff to join in capacity building at AITCV such as EVN, PVTEX, UN, PVPS, GEPG, EPTC. New customers mostly are corporations such as TH Milk, Amway, Eurowindow, SaiGon Tourist, Morrin Hue, Continental, and SaiGon – Phu Quoc. The Learning Center, established to promote Environmental & Social Sustainability in Vietnam, has conducted 5 courses on Environmental and Social Impact Assessment Training of Trainers for management units, district and provincial authorities, consultants and other stakeholders in social and environmental issues in Vietnam.

International Projects

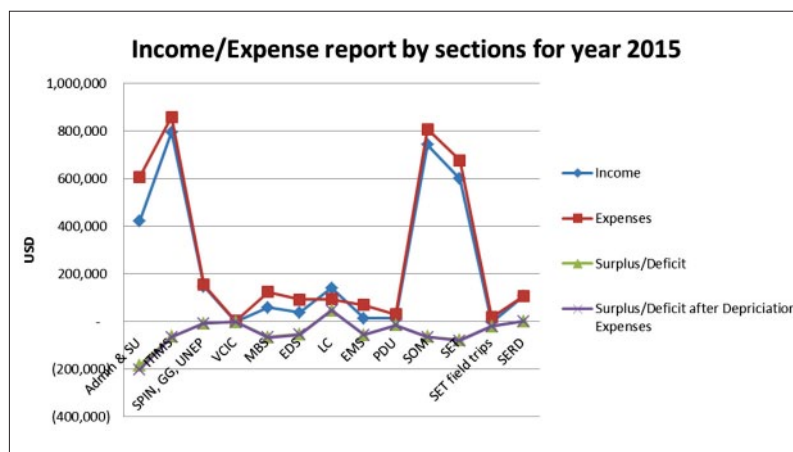
- AITCV developed various projects with international organizations as below:
- Learning Center established to promote Environmental & Social Sustainability in Vietnam
- European Commission (EC) and GetGreen Vietnam Project
- GetGreen Vietnam and AIT NEXT – the connection of Alumni Association
- Eco-Innovation in Vietnam Workshop

- Project with Witeeven Bos on Industrial water footprint reduction
- Project with IPP (Innovation Partnership Program) – MOST for ToT training for Innovation and Biz model
- UNEP: The activities of Eco-innovation Project in Vietnam – Policy Component

- Validation Workshop Draft on “National Action Plan on Sustainable Consumption and Production” and “Roadmap for Action to implement Eco-Innovation in Vietnamese Enterprises”

Financial Review

The Income/Expenses by sections for year 2015 are shown in the following Figure.



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

Highlights and Key Performance Indicators

POLICY SUPPORT TOWARDS SUSTAINABLE DEVELOPMENT IN THE ASIA- PACIFIC REGION

In 2015, RRC.AP continued to support sustainable development in the region and helped 21 countries for their policy formulations in the areas of Climate Change, Air Pollution and Waste Management.

RRC.AP continues to strengthen and grow its networks in the region. RRC.AP has provided and/or assisted secretariat functions for EANET (Acid Deposition Monitoring Network in East Asia), Male declaration, ABC (Atmospheric Brown Clouds) network, and APAN (Asia Pacific Adaptation Network). It was also designated as a partner of CCAC (Climate and Clean Air Coalition) to implement various projects in the region.

RRC.AP also managed various environmental monitoring data sets and offered knowledge hub functions through dedicated web services.

PARTNERSHIP IN THE REGION

RRC.AP strengthens its partnership in the region and works closely with 24 partner organizations including United Nations Environment Programme (UNEP), United Nations Industrial Development Organization (UNIDO), United Nations Development Programme (UNDP), UN Economic and Social Commission for Asia and the Pacific (UNESCAP), Ministry of the Environment,



Japan (MOEJ), Institute for Global Environmental Strategies (IGES), Stockholm Environment Institute (SEI), US Aid and various others.

RRC.AP has signed 10 Memorandum of Agreements (MOAs) in 2015 with partner organizations. In addition, a letter of intent was agreed with Beijing Normal University (BNU) for further cooperation.

In 2015 alone, a total of 524 participants attended events hosted by RRC.AP. Six workshops, 13 meetings, and 2 trainings were conducted in the areas of Air and Atmospheric Pollution, Climate Change Assessment and Waste Management that focused on capacity building, awareness raising, technical and intergovernmental meetings.

PROJECTS AND FUND MOBILIZATION

In 2015, RRC.AP received 14 new projects with a total budget of USD 2.2 million (THB 81.7 million). Compared to 2014, the portfolio expanded by 40 %. Major donors include MOEJ, IGES, Mitsubishi Research Institute (MRI), and UNEP among others.

The fund was utilized in the area of climate change and assessment (58%), strengthening regional cooperation for addressing air and atmospheric pollution issues (24%), and waste management (18%).

PUBLICATIONS AND REPORTS

RRC.AP produced 5 publications, 4 city assessment reports, 2 knowledge management reports, and 16 meeting reports. RRC.AP received commendation from UNIDO for its high quality reports, deliverables and diligence during the course of 2015. There were 12 published newsletters and 1 web portal development during 2015.

INTEGRATION WITH AIT

There are 6 ongoing project activities on air quality, climate change and waste management with AIT faculty in 2015 and will continue to grow in 2016 and beyond. Under the student assistantship program, four students were involved in RRC.AP related projects.

AIT LIBRARY

The library renovation which commenced in August 2014 continued in 2015. Due to some construction problems which were required to be resolved and interior design, the renovation could not be completed in 2015. The ground floor was totally closed for the renovation. The access to the second floor of the Library was to be through the Language Center.

The renovation might take long to finish, but there is an opportunity to modernize the Library along with the renovation. Professor Worsak Kanok-nukulchai, the President spent time to visit and meet many CEOs and prominent alumni to invite them to support AIT Library's modernization. The campaign began in December 2014. From this campaign, donations made were in cash and in kind. One AIT alumnus would donate RFID (Radio-frequency identification) system to the Library. Before that even without any campaign, AIT Library with the help of AIT faculty, Dr. Pham Huy Giao of School of Engineering and Technology (SET) received in 2014 the "Biggest post-flood book gifts from AAPG" (American Association of Petroleum Geologists)(re: AIT Newsletter October 2014, p.3). The donation included 812 boxes of periodicals – 128 titles of bound journals in geology, petroleum, and earth science.

The allocation for the Library in 2015 was limited to the renewal of core online resources/databases. Book acquisitions were mainly from donations, gifts. The acquisitions are summarized in the table underneath.

1. Book Acquisitions from January through December 2015

Library Acquisition January through December 2015			
Type of Acquisition	Fund used	Donors	Number (Titles)
Purchase	1) Indian Grant (37 titles) 2) Fund 10 (2 eTitles)		39 titles
Gift books (through requests, donation)		UNESCAP, UNESCO, World Bank, FAO, Books for Thailand Foundation, as well as from other alumni, faculty members, etc.	748 new titles added to library database (excluding a number of added items/ eTitles)
AIT publications – dissertations, theses and research reports		AIT Schools/Fields of Study	379 titles (524 copies)
Interlibrary loan			25 titles

2. Circulation Activities from January through December 2015

Some circulation statistics are summarized in the attached table.

Circulation Statistics January through December 2015	
Membership	
Active member	2,595
Circulation Activities	11,628 items
Check-out	6,883
Check-in	
Interlibrary loan request	72 items
Library orientation	20 times
Overdue fine collected	Bht. 61,911

3. Classification and Cataloguing from January through December 2015

Classification, cataloguing and processing statistics of library materials are briefly presented in the attached table.

Classification and Cataloguing Statistics January through December 2015	
1. Classification, cataloguing and processing of library materials	1,840 items
1.1 Books	905 items
1.2 AIT publications – dissertation, theses and research report	902 items
1.3 DVD/CD-ROMs	31 items
1.4 eBooks	2 items
2. Updating of bibliographic records	2,060 items

4. Serials Activities from January through December 2015

Serials statistics from January through December 2015 are enclosed in the attached table.

Serials Statistics January through December 2015	
1. Updating of item record for the journals lost to flood	574 titles
2. Updating of bibliographic record	983 titles
3. Processing of the journals donated by American Association of Petroleum Geologists	128 titles / 812 boxes

Executive Summary

During the last year, AIT Language Center (LC) has continued to ensure that students from all over the world are able to succeed in AIT's international environment. Similar to preceding years, 2015 was a productive year for the LC with more than 1,200 students participating in more than 3,000 hours of language related instruction. In addition to our core activity of developing English for postgraduate students, the LC worked with other AIT Units and Schools to offer language related services where needed. The services of the LC have functioned to improve communication and understanding in AIT's diverse environment.

AIT's LC has continued to play a significant role in education both locally and internationally. The LC was responsible for the development and implementation of 24 courses for AIT students and the local community last year. Moreover, the LC works with international with partner institutes in Vietnam, Myanmar, and Sri Lanka to insure the quality of students joining AIT. LC lecturers visited partner institutes in the last year for testing and curriculum development.

As part of one of Asia's leading higher learning institution, AIT's LC strives for high standards of English proficiency. The LC has worked to ensure that undergraduate and postgraduate students have the English skills necessary to study at AIT and compete in the international community. Through extensive testing, the LC insures that students entering AIT will have the English skills necessary to understand and communicate effectively. During the last year, the LC administered over 2,000 tests to students in



countries around the world. Almost 300,000 THB of revenue was collected from testing.

For exceptional students who have been allowed to enter AIT, despite having English scores below AIT's admission requirements, the LC offered varying EL courses, which have worked to rapidly improve students' English scores until they have reached the level deemed appropriate for their degree program. In 2015, the LC implemented a new system of charging students for these EL courses. It is believed that these fees will give students greater incentive to reach their target scores quickly. The revenue collected from students covered approximately 1/3 of the cost for running the EL courses.

AITLC believes in offering language skills beyond English communication. Last year French, Chinese, and Thai were offered to the AIT community. More than 120 students were able to study these courses for the community at prices substantially lower than the market rate. More than 170,000 THB of revenue was generated from these courses.

Other Units and Schools have collaborated with AITLC for various projects over the last year. The LC managed and taught eight courses for the SET and SERD UG programs. We also taught students joining the RSGIS Summer Camp. Combined with the AITC-AITLC partnership for AFG western Basins Water Resource Project, 5,670,000 THB of revenue was generated from these joint projects.

AITLC plays an important role in the AIT community by contributing to events and helping to make a positive impact on society. Last year, LC lecturers joined the AIT Library Renovation Committee and the Regional Forum on Climate Change. Moreover, LC lecturers strived to impact society outside of AIT by attending four international academic conferences.

Due to our revenue generating projects and the additional income from student EL fees, the LC was able to recover more of our operating expenses than in recent years. In the upcoming years, the LC intends to focus on more external projects to minimize any financial burden on the Schools. Currently, the LC is submitting a proposal for Erasmus+ (EU) funding so that we can reopen our certificate in Education training program. Furthermore, we have submitted quotations for teaching English to government agencies interested in preparing for the ASEAN Economic Community.

In addition to expanding our external projects, AITLC also intends to expand services offered to AIT students in the next year. For example, the LC Resource Center intends to offer a digital library of self-help material and expand the online tutorials for autonomous learning. Plans are currently being made to phase out paper-based testing and move to computer-based testing for all students.

AIT INTERNATIONAL SCHOOL (AITIS)

Highlights and Key Performance Indicators

The mission of AIT International School is to provide “holistic education in stimulating and caring international environment that will help build a positive attitude towards learning.” Towards this end AITIS currently educates 310 students, of whom 75 are AIT Staff/Faculty children; 57 are AIT student children and 178 are non-AIT children. Currently there are over 21 countries represented in our student population Nursery through Sixth Grade.

AITIS enjoys a reputation for providing excellence in education through a rigorous and sustainable newly authored “STEM” curriculum with a focus on helping students develop more fully in Science, Technology and Math. Teachers at AITIS co-authored the “Scope & Sequence” for the “STEM” curriculum after attending Professional Development workshops designed to enhance their understanding of the curriculum.

AITIS, through its “Technology Improvement” program, updated technology integration into the classrooms through “e-Learning” and “e-Library” as well as upgraded hardware/software throughout the school to enhance student’s learning.

Through programs such as “Green Campus”, “Joy of Reading” and “Gemstones”, student pride, academic achievement and commitment to learning through English language medium have been improved and a vast majority of parents were positively impressed with their children’s holistic development.

AITIS students participated in community pride-building activities and helping less fortunate children, as



well as inter-scholastic activities such as teaching/performing at Danyela Learning Center, participating in KPIS Spelling Bee, attending “Character Building Camp” and “Team Building Camp”. Members of the AITIS Glee Club have performed at the AIT Graduation Ceremonies both in May and December 2015. In the athletics front AITIS recently hosted a football tournament with visiting students from Nepal.

AITIS fundraising during 2015 included hosting the “AITIS Fun & Food Fair” which raised over 150,000 THB. Another fundraising activity was the annual “Monsoon Marathon” which in 2015 raised over 120,000 THB. A portion of the monies raised was donated to the Danyela Learning Foundation to provide much needed school supplies as part of our Community Awareness/Character Building Pro-

gram. Further fundraising efforts were initiated in order to fund a much needed Assembly/Sports Pavilion to be constructed on the AITIS campus. A total of 550,000 THB was raised towards this goal during 2015.

AITIS is committed to the holistic development of its students in a manner that reflects pride and commitment in our association with AIT.



RESOURCE DEVELOPMENT

SUMMARY

➤ In 2015, the Fundraising and Alumni Affairs office continue to initiate new partnerships with the industrial private sectors which would provide the institute with more opportunities for student internships, tuition scholarships, and other forms of partnership with both local and multinational companies in Thailand. During the year, the office also continued to secure fully funded scholarships at Masters and PhD level from universities and government ministries and institutes especially in Sri Lanka.

➤ In terms of industrial linkages and private sector scholarships, the office initiated the scholarships with Thai Pipe Industry Company Ltd., Prukha Real Estate Public Company Limited, Theun-Hinboun Power Company Limited (THPC) in Lao, Chaipattana Foundation and Wisit Engineering Consultants Limited. The office also initiated student internships placements in leading companies, such as Nawarat Patanakarn Public Co Ltd. and INDEX International Group Co. Ltd.

➤ During the year, the office was also involved in the Library Modernization Campaign and contacted alumni to contribute in the campaign. Through the initiative of AIT President, AIT received about 79 million baht.

➤ To raise the contribution from alumni to the library campaign, who are residing in United State of America, the office was successful in enabling AIT to apply to the Give2Asia FISCAL SPONSORSHIP FUND (Give2Asia Fiscal Sponsorship Funds offer Asia-based educational and charitable organizations a convenient, quick and cost-effective way to accept tax-deductible contributions

from supporters in the United States.) The donation page can be found at www.give2asia.org/ait. Total donations received was USD 30,484.44.

➤ Alumni Office continued to reach out to alumni to increase the effectiveness and regularity of alumni communications through all possible communications means, such as website, periodicals, and alumni directory. To date, about 13,342 active alumni emails are available.

NEW INITIATIVES

➤ **Lembaga Pengelola Dana Pendidikan (LPDP)** – Asian Institute of Technology to be listed in the LPDP list of universities for LPDP scholarship funds from Indonesia.

➤ **Finland Trade Center in Thailand & Myanmar** – support in kind such as laboratory equipment from the Finnish government, private sector. Three areas where Finnish corporates/industries have a strong presence in Thailand:

1. Nokia Thailand – Telecom equipment.
2. Valmet Company Limited – Pulp and Paper equipment
3. Wartsila Group – Energy Field of Study

➤ **Laugfs Higher Education Services (Pvt.) Limited (LAHES), Sri Lanka** – in coordination with School of Management (SOM) to have a partnership offering the AIT MBA program. The main interest will be on the 1+1 MBA, where 1 year in Sri Lanka and 1 year at AIT and getting a group of around 20 candidates.

➤ **Explore the possibilities for collaboration through their CSR for scholarship support:**

1. Hitachi Data Systems Pte Limited
2. CAT Telecom Public Co Ltd
3. Bangkok Glass Public Company Limited
4. Supalai Public Co. Ltd.

SCHOLARSHIPS/ FELLOWSHIPS FOR STUDENTS

➤ **Thai Pipe Industry Co., Ltd** – Provide scholarship for Laos, Cambodia & Myanmar from August 2015 intake and is extended to other Asian countries. The scholarship will cover full tuition and registration fees with costs of THB 752,000 per student enrolled in Water Engineering & Management, School of Engineering & Technology; and Environmental Engineering and Management, School of Environment, Resources and Development (SERD). The company is one of the major donors to AIT with **a total donation of THB 15,256,000.**

➤ **Prukha Real Estate Plc.** – Provide full bonded scholarship for Thai student and non-Thai student applying for the Master's degree program at AIT. Scholarship for the non-Thai student will commence from January 2016 intake. For Thai student will start in August 2016 intake. The total value of this scholarship is **THB 1,000,000 per student** which covers tuition fee, registration fee, student union, medical insurance, visa fee, bursary & accommodation.

➤ **Theun-Hinboun Power Company Limited (THPC), Lao** – support 1 full scholarship for Lao nationality for MBA in Energy Business Management to

start in January 2016 intake for a period of 5 years. Total scholarship is **THB 1,181,600 per student**.

- **Chaipattana Foundation** – support 1 scholarship for Master's leading to Doctoral degree program (August 2014 – 2019) covers tuition, registration fees, student union, medical insurance, visa fees and accommodation. Total scholarship cost is **THB 2,077,995** for student enrolled in Regional & Rural Development Planning (RRDP), School of Environment, Resources and Development (SERD).

- **Wisit Engineering Consultants Limited** – to support full bonded scholarship for Thai and Myanmar student. To recruit Thai students who finished their undergraduate studies from Chulalongkorn University in Structural Engineering. For Myanmar students, their undergraduate degree should be in the Structural and Construction Engineering. Total scholarship costs is **THB 1,152,598 per student**. AIT already received THB 300,000 (3 installments) for the scholarship before it will commence in August 2016 intake.

- **University of Vocational Technology (UNIVOTEC) Sri Lanka** – to promote a PhD program for its faculty through

ADB Scholarships. UNIVOTEC will send 2 staffs for PhD (split program) for full scholarships with total costs of **USD 112,086.47** for January 2015 intake.

- **South Asian Institute of Technology and Medicine (SAITM)** – Special Fundraising Initiatives. This fund at present is focusing mainly in promoting the Schools activities.

2015 – THB 27m (78 current students & will graduate in May 2015)

2016 – THB 38m (111 incoming students for Sept 2014 intake & will graduate in May 2016)

For 2016–2017, the Fundraising & Alumni Affairs Office will facilitate and assist in the school laboratory equipment campaign as a priority Institute wide campaign with the coordination of the AIT Alumni Headquarter Office and the Alumni National chapters and alumni body.

ACTIVITIES DONE BY ERCO IN 2015–A BRIEF SUMMARY VIA VPRD

AIT signed a total of 30 MoUs and 16 MoAs with Universities, Ministries, Research Agencies including private sectors.

AIT arranged 2 graduation ceremonies and also arranged about 110 visitors' programs and welcomed about 413 visitors from 25 different countries including embassies, ministries and UN organizations in 2015.

In brief, in 2015, ERCO/AIT focused its partnerships with private sectors along with its continued coordination with regular donors for scholarships; initiated new collaboration with new governments for new scholarships, faculty secondment; continued and renewed collaborations with partners that are active; and arranged many important visitors' programs to promote AIT inside and outside Thailand and to collaborate in academic and research activities.

ACTIVITIES DONE BY GRU (A UNIT UNDER ERCO) IN 2015–A BRIEF SUMMARY

GRU continued its regular services to AIT employees and students. GRU helped in activities like issuing work permits (total 346), air shipment (58), issuance of driving licenses (45), renewal of vehicle licenses (26), issuance of MoFA cards (11), getting certificates of police clearance (10), renewal of AIT vehicle licenses (8), etc.

FUNDRAISING

TARGETING DIVERSIFIED FUNDING SOURCES

The year saw AIT extend more efforts on diversifying its funding sources to complement its traditional donor-driven model. Here, a good start was made in establishing key industrial relationships. Worth mentioning was the new partnership model established with Thai Pipe Industry Co., Ltd. (Thai Pipe), a business entity of AIT doctoral

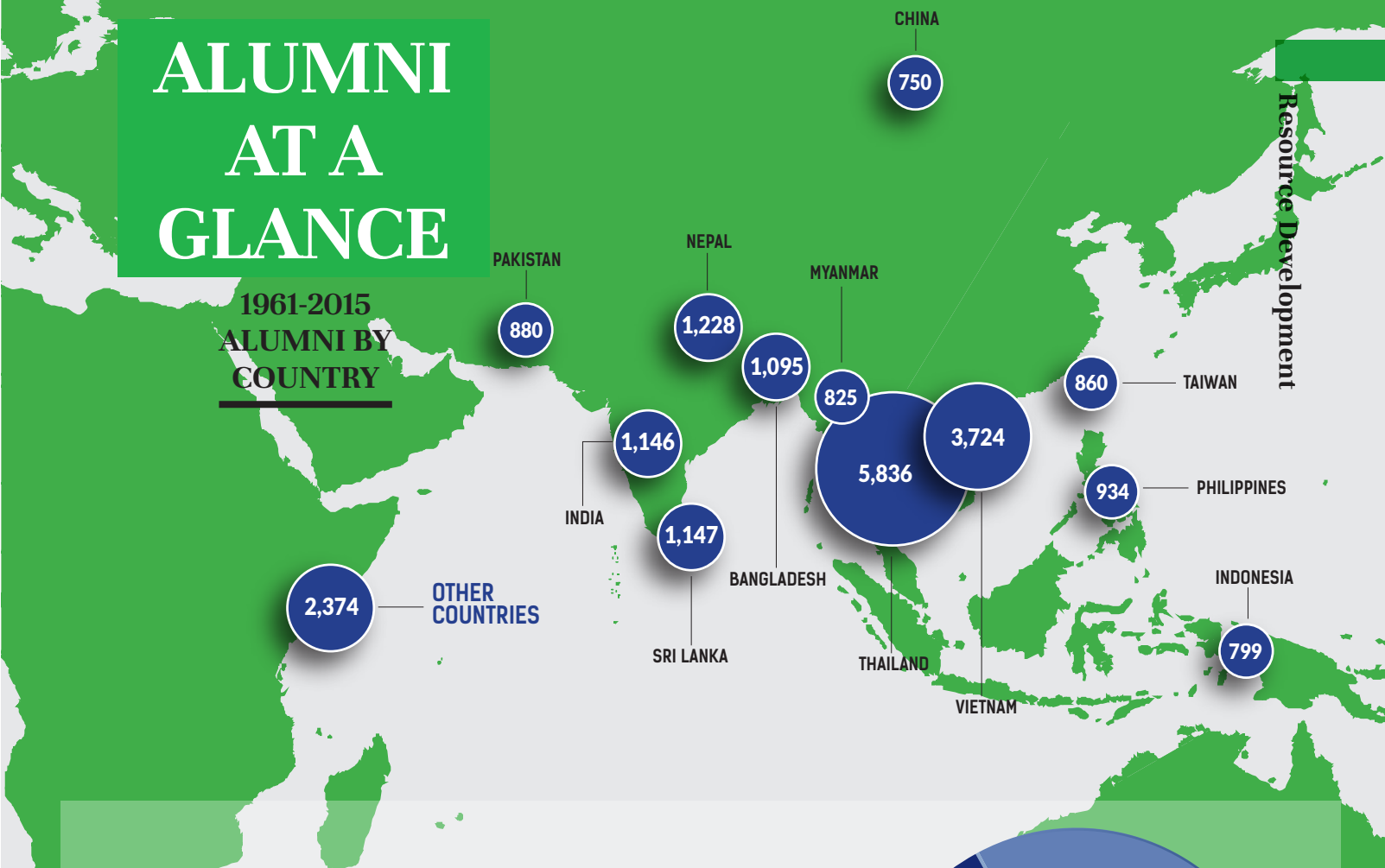
alumnus Dr. Yanyong Phataralaoha. Thai Pipe is presently the largest producer of PVC pipes in Southeast Asia. Aiming to assist human resources development in its target market areas, Thai Pipe established a multi-year Thai Pipe Scholarship (TPS) Fund at AIT. For the first year, the TPS Fund provided 3 full scholarships to students from Cambodia, Laos and Myanmar, without any bond. Other private companies providing scholarships were Panya Consultants, Index International, Pruksa Real Estate, Chevron

Asia South, SPS Global Corporation, Bhagya Enterprise and the Chaipattana Foundation.

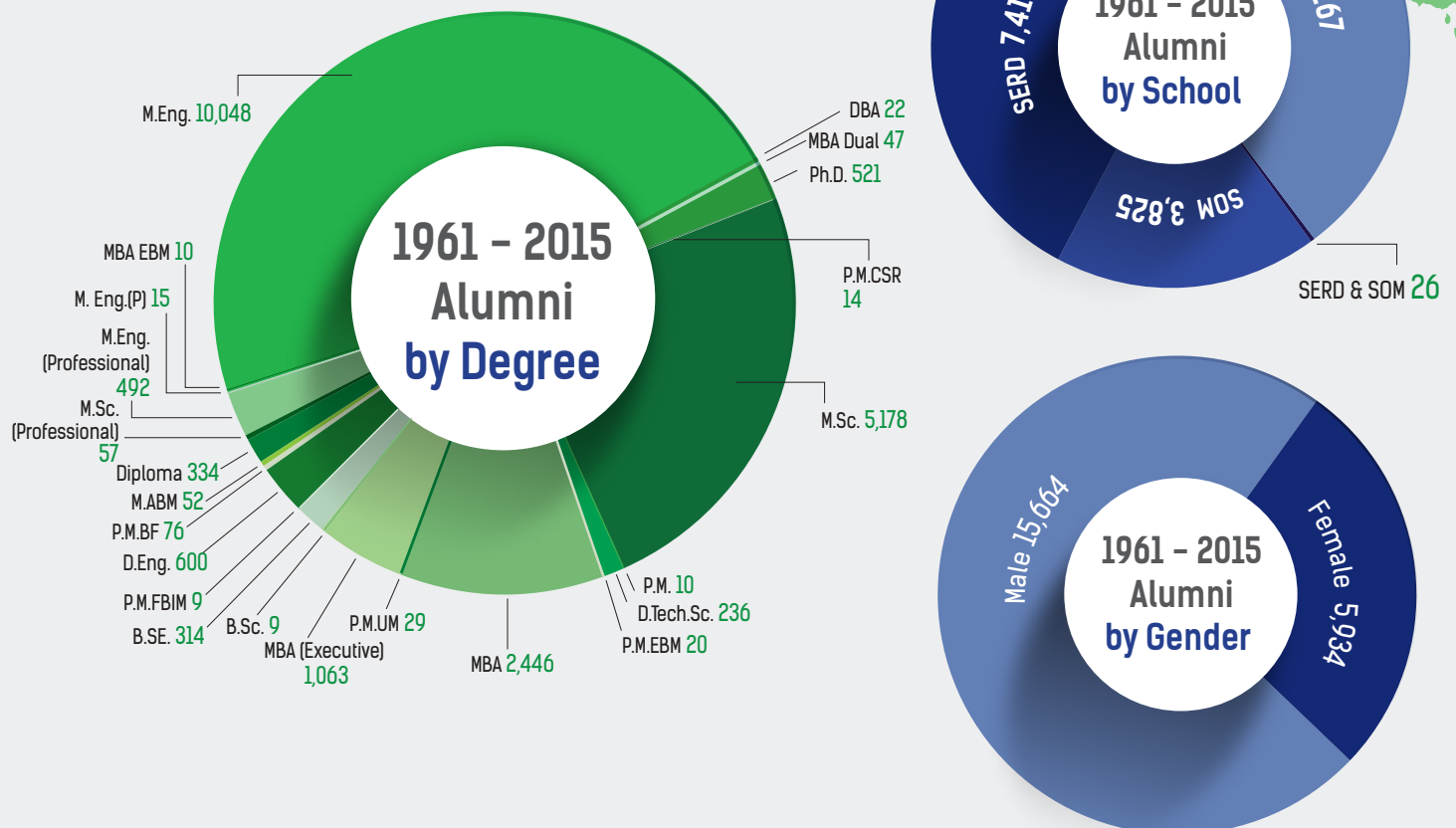
Further ongoing new initiatives and discussions were held with the following companies CAT Telecom Public Co Ltd, Bangkok Glass Public Co Ltd on discussions towards future scholarships and Hitachi Data Systems Pte Limited for research projects.

ALUMNI AT A GLANCE

1961-2015 ALUMNI BY COUNTRY



1961 - 2015 ALUMNI BY DEGREE, SCHOOL AND GENDER



AWARDS AND RECOGNITION

FACULTY / STAFF

School of Engineering and Technology

8 AIT environmental science scholars rank high on Thailand top 100 list of published authors

The Asian Institute of Technology was home to 16 of the top 100 authors in Thailand ranked by publications produced in the field of environmental science from 2010 to 2014, according to Scopus, a leading bibliographic database owned by Elsevier.

AIT placed two scholars in the top five, seven in the top 20, and 13 in the first 50 list of authors. The results were based on the number of scholarly publications produced by each academic author during the five-year period.

Prof. Mukand Singh Babel of the Water Engineering and Management field of study at the AIT School of Engineering and Technology placed second among all academics working in Thailand, with a total of 42 publications during the period.

8 Prof Babel elected to Executive Board of International Water Resources Association

Prof. Mukand Singh Babel of AIT's Water Engineering and Management (WEM) has been elected as one of the 10 Directors of the International Water Resources Association (IWRA). The new 20-member Executive Board of IWRA has representatives from 15 countries, representing five continents, and they will assume office for a three-year period from 1 January 2016.



The President and Secretary General of IWRA are from France, while the Vice Presidents are from Portugal, China and Nepal. Prof. Babel is the only Director from Thailand, while the other nine Directors come from Morocco, Canada, Chile, Korea, Australia, China, Turkey, Palestine and The Netherlands.

IWRA is an international network of multidisciplinary experts on water resources, which was incorporated in 1971 in the State of Wisconsin, USA.

8 Faculty members honored at AIT graduation 2015

Four faculty members of the Asian Institute of Technology (AIT) were among those honored at the 123rd Graduation. These include two "AIT Distinguished Researcher" and two "AIT Teaching Awards."

Dr. Surachet Pravinvongvuth (SET) was honored with the AIT Teaching Awards. Dr. Surachet was granted the award in the category of teaching more than 15 students.

The awards were finalized by members of the evaluation committee including Vice President Academic Affairs, Vice President Resource Development, Vice President Research, Dean SERD, Dean SET, and Dean, School of Management.

Dr. Sangam Shrestha won the award in the Junior Research Leader category. The evaluations were conducted using external evaluation committee members.

8 Dr. Sangam Shrestha promoted as Associate Professor

Dr. Sangam Shrestha of School of Engineering and Technology (SET) has been promoted to the rank of Associate Professor. His elevation from Assistant Professor to Associate Professor was announced by the AIT President Prof. Worsak Kanok-Nukulchai following the recommendations of the Faculty Evaluation Panel (FEP) and the SET Faculty Evaluation Committee.

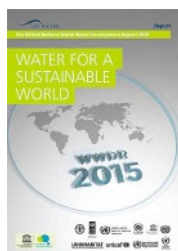


Dr. Shrestha joined AIT as an Assistant Professor in November 2009. He obtained his Ph.D. in Integrated River Basin Management (IRBM), from the University of Yamanashi, Japan, in 2007 and his M.Sc. in Integrated Water Resources Management (IWRM), from AIT in 2004. Dr. Shrestha also gained his M.Sc. in Agriculture (Major: Soil Science) from the Institute of Agriculture and Animal Science, Tribhuvan University, Nepal in 2002.

Dr. Shrestha's research encompasses the areas of climate change and adaptation, integrated water resources management, hydrology and water quality modeling, groundwater development and management, and sustainable water management policy.

Dr. Sangam Shrestha, an Associate Professor in Water Engineering and Management (WEM) at the Asian Institute of Technology (AIT), has contributed a book chapter in the recently released United Nations World Water Development Report 2015.

The 2015 edition of the United Nations World Water Development Report (WWDR 2015), titled "Water for a Sustainable World", was launched at the official celebration of the World Water Day, on 20 March 2015 in New Delhi, India. Dr. Shrestha has contributed the chapter on 'Towards sustainable ground-water management in Asian cities.'



¶ Dr. Sarawut Ninsawat promoted to rank of Assistant Professor

Dr. Sarawut Ninsawat has been promoted to the rank of Assistant Professor in the Remote Sensing and Geographic Information Systems (RS&GIS) field of study at the AIT School of Engineering and Technology (SET), AIT President Worsak Kanok-Nukulchai announced on 16 July 2016.



The President approved the promotion of Dr. Sarawut taking into account the positive recommendations of the Faculty Evaluation Panel (FEP) and the SET Promotions and Evaluation Committee. President Worsak extended his congratulations to Dr. Sarawut on behalf of the Institute.

A Thai national, Dr. Sarawut joined the Asian Institute of Technology (AIT) as an Instructor in the School of Engineering and Technology in July 2011. Prior to this, he was a Post-Doctoral Researcher in the GEO Grid Research Group, Information and Technology Research Institute, National Institute of Advanced Industrial Science and Technology, Japan.

He obtained his degree of Doctor of Creative Cities (Urban Information) from Osaka City University, Japan and his M. Sc. (Space Technology Applications and Research) from the Asian Institute of Technology in 2009 and 2002, respectively. He graduated from Silpakorn University, Thailand, for his Bachelor of Science degree in Environment Science in 2000.

Dr. Sarawut's research encompasses the areas of Web-GIS, OGC Web Services and Specifications, Sensor-Web and RS&GIS System for Environment Monitoring/Study.

School of Environment, Resources and Development

¶ Faculty Promotions

Dr. Peeyush Soni was promoted to the rank of Associate Professor. This was announced by AIT President Worsak Kanok-Nukulchai on 16 March 2015.



Dr. Rajendra Shrestha was promoted to the rank of a Professor in the Natural Resource Management (NRM) field of study, following the approval of the Board of the Trustees at its meeting held on 16 July 2015.



Dr. Philippe Doney was promoted to the position of Associate Professor in the Gender and Development Studies (GDS) field of study, following the approval of the Board of the Trustees at its meeting held on November 2015.



Dr. Bindu N. Lohani, former Associate Professor and Division Chairman of the Environmental Engineering Program at AIT, was appointed senior advisor to AIT President.



¶ Faculty Publications

A book titled "Multi-level Forest Governance in Asia" was co-edited by Prof. Ganesh P. Shivakoti of SERD, and Prof Makoto Inoue of Forest Sociology and Governance, University of Tokyo, Japan. The book presents policy implementation cases in forest resource management from 14 Asian countries.



Gender and Development Studies coordinator Dr. Philippe Doney had co-edited a book titled 'Gendered Entanglements: Revisiting gender in rapidly changing Asia' published in July 2015 by NIAS Press of the Nordic Institute of Asian Studies (NIAS).



Dr. Kyoko Kusakabe, Prof. Rajendra Shrestha and Ms. Veena N had published a book titled 'Gender and Land Tenure in the Context of Disaster in Asia', published by Springer in 2015 as a part of its series 'Springer Briefs in Environment, Security, Development and Peace'.



🔧 Faculty Award

Prof. N. T. Kim Oanh and Dr. Sangam Shrestha had been awarded the "AIT Distinguished Research Awards 2014" under the Senior Research Leader and Junior Research Leader respective categories. Prof. Kim Oanh lecture in the Environmental Engineering and Management field of study at AIT's School of Environment, Resources and Development (SERD), while Dr. Shrestha is a faculty member in the Water Engineering and Management (WEM) field of study at the School of Engineering and Technology (SET).



🔧 New Faculty

Dr. Indrajit Pal had joined as Assistant Professor in Disaster Preparedness, Mitigation and Management (DPMM) program in the School of Environment, Resources and Development (SERD) in January 2015.



Dr. Joyee S Chatterjee had joined Gender and Development Studies (GDS) at School of Environment, Resources and Development as Assistant Professor in August 2015.



Dr. Nicolas Fayse, a Researcher in Water Management Research Unit (CIRAD), was seconded for two years to AIT. He has joined the School of Environment, Resources and Development (SERD) as Visiting Associate Professor.



🔧 Staff Awards

Dang Anh Nguyet, a Research Associate at EEM, won the Marina van Damme award becoming the 13th woman to be honored by the University of Twente, The Netherlands.



Ms Aye Sandar Phyo, a Research Associate at SERD had been awarded the 2015 Crawford Fund Fellowship. Ms Phyo is a Research Associate and she has a Master of Science (Regional and Rural Development Planning) from SERD.



School of Management

🔧 AIT School of Management Dean addresses Eduniversal World Convention at Harvard University, U.S.A.

Prof. Nazrul Islam, Interim Dean of School of Management, on invitation, addressed the Eduniversal World Convention 2015 at Harvard University, USA in the plenary session on "Changing student population: How to respond to their needs?"



🔧 AIT School of Management (SOM) is pleased to welcome Dr. Vimolwan Yukongdi as a full-time Assistant Professor in Human Resources Management and Organizational Behavior from August 2015.

Dr. Vimolwan Yukongdi holds a Ph.D. degree in Organizational Behavior/Management from the Melbourne Business School at the University of Melbourne, Australia; Master's degree in Business Administration from the University of Pittsburgh, U.S.A.; and a Bachelor's degree in Business Administration (Magna Cum Laude) from Assumption University, Thailand.



Dr. Vimolwan is an experienced academician with over 20 years in higher education. She was a Lecturer at Massey University, New Zealand (1998–2000), University of Newcastle, Australia (2000–2003), University of Melbourne, Australia (2003–2005), and Chairperson for General Management, MBA degree program in the Graduate School of Business at Assumption University (2006–2007). She served as Senior Lecturer at Central Queensland University (2007–2009), University of Southern Queensland (2009–2011), and Griffith University (2011–2012), and also served as Adjunct DBA supervisor at University of South Australia (2006–2012). Prior to commencing her Ph.D. degree, she was a Senior Financial Coordinator at ESSO Standard Thailand Ltd. (ExxonMobil); and Consulting Manager at an international consulting firm in Thailand.

She has lived in nine countries and relocated to Thailand in 2013. Her cross cultural upbringing and exposure to different cultures have influenced her interest in cultural differences as well as the approach of her research work which takes a cross-national perspective. Her research interests are in leadership, participative decision-making, and women managers in Asia. Her research work has appeared in books, journals, and conference proceedings. Her research publications have been widely cited in numerous publications, including UNESCO's publication on Gender Equality in Education: Looking Beyond Parity (2011), Handbook of International Human Resource Management (2009), and International Research Handbook On Successful Women Entrepreneurs (2010). In addition, her publications on women managers in Thailand and women managers in Asia have been prescribed as required readings for a course at a university in Canada. The book, Women in Asian Management is a recommended reading for courses at universities in Hong Kong and Singapore. She currently serves on the Editorial Review Board of Equality, Diversity and Inclusion: An International Journal, and Asia Pacific Business Review, both of which are indexed in Scopus. She is the co-editor of research-based books, The Changing Face of Women Managers in Asia (2009) and Women in Asian Management (2006).

‡ **Prof. Nazrul Islam has been appointed as the Interim Dean of School of Management, Asian Institute of Technology (AIT).**

Professor Islam is the Professor of Strategic Management of Technology at the School of Management. He served as the Acting Dean of the School of Management of AIT from 2003 to 2005 and as the Coordinator of the Asian Development Bank (ADB) – AIT Networking from 2002 to 2004.



Prior to joining the faculty of AIT in January 2001, he served as Professor of Technology Management at the Bangladesh University of Engineering and Technology (BUET) from September 1994 to December 2000, and Director of the Institute of Appropriate Technology, BUET from January 1996 to December 1997. He was a Visiting Fellow at the University of Texas at Austin in 1995, and at the Tokyo University in 1982.

Prof. Islam obtained his B.Sc. Engineering (Electrical) from the Bangladesh University of Engineering and Technology in 1972, Master of Engineering and Doctor of Engineering from the Asian Institute of Technology in 1978 and 1981 respectively.

‡ **AIT School of Management (SOM) is pleased to welcome Dr. Anandakuttan B. Unnithan, Visiting Associate Professor seconded by the Government of India to teach in this January 2015 semester.**

Dr. Anandakuttan B. Unnithan (Anand) is an Associate Professor in Marketing Management area at the Indian Institute of Management (IIM), Kozhikode. He is also holding the position of Chairperson, Management Development Programmes (MDP) at IIMK. Previously he has held administrative responsibilities like Chairperson of Post-Graduate Programme (PGP), Chairperson, Executive PGP, Chairperson and IIMK's Kochi campus at IIM Kozhikode. He did his B-Tech in Production Engineering from the Government Engineering College Thrissur; MBA in Marketing and PhD in Consumer Behavior from Cochin University of Science and Technology respectively.



Dr. Unnithan worked for a few years in the industry in the field of sales and marketing and then chose teaching as his profession. He teaches modules such as Consumer Behaviour, Brand Management, Customer Relationship Management, Marketing Research and the core course Marketing Management to regular and executive programme participants. He has also taught PhD level courses namely Marketing Theory, Relationship Marketing and Marketing Modeling. His research interest lies in Consumer Behaviour specifically on personality and anxiety in consumption, self consciousness and self esteem, methods of measurement and scaling, adoption of innovation, propagation of memes on social networks etc. He has published in reputed national and international journals.

Besides teaching, Dr. Unnithan has conducted a large number of executive development programmes for various clients in private and public sector like Reliance Industries Ltd, NHPC, NTPC, Power Grid corporation, GMR Group, National Academy of Defense Production (NADP), Bharat Electronics Limited (BEL), Bajaj Finance etc. He also undertook consulting assignments in the area of marketing like Muthoot Finance, State Bank of Travancore, Kerala Cooperative Milk Marketing Federation etc.

STUDENTS

School of Engineering and Technology

8 AIT students win at Hydro Asia 2015

AIT students won the “Highest Award” and the “Excellent Group Award” at HydroAsia 2015 held from 10–15 August 2015 in Dae-jeon, South Korea. Ms.



Thedini Asali Peiris was the winner of the “Highest Award” granted by the Ministry of Education, South Korea, while the team comprising of Mr. Anil Aryal and Ms. Aye Chan Myint won the “Excellent Group Award” for their group work on modelling the Geum River Basin, South Korea.

Four AIT students of Water Engineering and Management (WEM), Ms. Thedini Asali Peiris from Sri Lanka, Mr. Anil Aryal from Nepal, Ms Aye Chan Myint from Myanmar, and Mr. Asim Shoaib from Pakistan, were among the 76 students who participated in the five-day event.

According to Prof. Mukand Singh Babel of WEM, HydroAsia began in the year 2007 with AIT being one of the institutes that had initiated the event. This was the ninth consecutive year when it was held.

Organized by K-Water, the event seeks to promote key concepts, methodologies, tools and good practices which are essential for a sustainable water management. Other universities and institutes associated with HydroAsia include Tropical Marine Science Institute, National University of Singapore (Singapore), International Center for Urban Water Hydroinformatics Research & Innovation (South Korea), University of Incheon (South Korea), Danang University of Technology (Vietnam), Chuo University (Japan), Disaster Prevention Research Institute, Kyoto University (Japan), Beijing University of Technology (China), Tianjin University (China), and Qingdao Technical University (China).

School of Environment, Resources and Development

Vietnam national Mr. Lai Nguyen Huy who earned his Master’s degree in Environmental Engineering and Management, on May 2015 was selected as the 2015 winner of the prestigious West Coast Section of the Air and Waste Management Association Student Paper Competition for his ‘student paper’ titled “Development of National Industrial Emission Inventory for Vietnam”.



SERD students won top honors at the FAO debate competition to mark 2015 International Day of Forests on 20 March by debating as the negative team on the proposition: “That climate change means we should spend more money on protecting forests.” Team included Master’s students Ms. Katika Punbuatoom from Thailand, and Ms. Sumitra KC and Pradeep Baral from Nepal, all from Natural Resources Management (NRM) field of study at the AIT School of Environment, Resources and Development. Ms. Sumitra KC was also awarded “Best Speaker” at the debate.



SERD doctoral student Geeta Bhatrai Bastakoti received the Climate Food and Farming Research Network (CLIFF) Fellowship Award 2015 to attend the inception workshop and Conference on “Climate Smart Agriculture” organised at Montpellier, France, where she presented her research on Gender Implications of Food Security and Climatic Variability in Nepal.”



GRADUATION PRIZE/AWARD RECIPIENTS IN 2015 IN RECOGNITION OF THEIR MOST OUTSTANDING ACADEMIC PERFORMANCE

School of Engineering and Technology

The Tim Kendall Memorial Prize for Industrial and Manufacturing Engineering

☞ Mr. Modhika Isuru Bandara Mudannayake

The Hisamatsu Prize for Mechatronics

☞ Mr. Tran Phi Vu

The Infineon Prize for Microelectronics and Embedded Systems

☞ Mr. Chanin Pakdeethammasakul

The John A Hrones Prize for Remote Sensing & Geographic Information Systems

☞ Ms. Ticha Lolupiman

The A B Sharma Memorial Prize for the student with the best thesis in the area of telecommunications from TC and ICT fields of study

☞ Mr. Likhit Waranon

The Wen-Jei Yang Prize for Structural Engineering

☞ Miss Siriporn Thongjaeng

The Deeswasmongkol Prize for Geotechnical and Earth Resources Engineering

☞ Mr. Kongkiat Chaivarakitnan

☞ Mr. Muhammad Shakeel

The Professor Lal Chand Wadhwa Memorial Prize for Transportation Engineering

☞ Miss Imalka Chiranthi Matarage

The Chainarong Na Lamphun Prize for Water Engineering and Management

☞ Mr. Suwash Chandra Acharya

The Hiromichi Seya Prize for the most outstanding woman graduate in SET

☞ Miss Ticha Lolupiman

The AIT Alumni Association Prize for the most outstanding graduate in SET

☞ Mr. Kongkiat Chaivarakitnan

School of Environment, Resources and Development

The Mahadeo N. Salokhe Memorial Prize for Agribusiness Management

☞ Miss Minakshi Pant

The Y.Y. Kishida Prize for Agricultural Systems and Engineering

☞ Mr. Joseph Dal Khan Suan

The Yoshiro Takasaki Prize for Energy

☞ Mr. Matara Achchige Melinda Yasanji

The Robert B. Banks Prize for Environmental Engineering and Management

☞ Mr. Arthit Phosri

☞ Mr. Lai Nguyen Huy

The Chongrak Polprasert Prize for Environmental Engineering and Management (with specialization in Water and Wastewater Engineering)

☞ Mr. Pham Minh Duyen

☞ Mr. Phong Vo Hoang Nhat

The Hisamatsu Prize for Food Engineering and Bioprocess Technology

☞ Miss Manisha Anand

The Alastair M. North Prize for Gender and Development Studies

☞ Mrs. Desiree Michelle Barcelon Soreda

The Tim Kendall Memorial Prize for Natural Resources Management

☞ Miss Srijana Thapa

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

☞ Mr. Yogesh Gyawali

The Prof. Lal Chand Wadhwa Memorial Prize for Urban Environmental Engineering

☞ Mr. Raphael Carlos De Leon

The AIT Alumni Association Prize for the most outstanding graduate in SERD

☞ Mr. Matara Achchige Melinda Yasanji

The Yoh Kurosawa Prize for the most outstanding woman graduate

☞ Miss Srijana Thapa

School of Management

The Wilhelm Hill Prize for Business Administration

☞ Ms. Roshani Bharati

The AIT Alumni Association Prize for the most outstanding graduate in SOM

☞ Mr. Rajiv Raj Dhoubhadel

The Shoichiro Toyoda Prize for the most outstanding woman graduate

☞ Ms. Siffat Shabnam

The Sandeep Kalita Memorial Prize for the most helpful and supportive graduate in SOM

☞ Mr. Abhishek Bahadur Shah

ALUMNI

School of Engineering and Technology

AIT alumnus appointed Vice Chancellor of South Eastern University of Sri Lanka



Prof. Mohamed Mujithaba Mohamed Najim, an alumnus of the Asian Institute of Technology (AIT), has been appointed as Vice Chancellor of South Eastern University of Sri Lanka.

Prof. M M M Najim. Photo Courtesy: South Eastern University.

Prior to his appointment, Prof. Najim was serving as a Professor in Environmental Conservation and Management at the Department of Zoology and Environmental Management in the Faculty of Science at the University of Kelaniya, Sri Lanka.

Prof. Najim obtained his Master's in Irrigation Engineering and Management from AIT's School of Civil Engineering in 2000. Prof. Najim graduated with a Bachelor's degree in Agriculture from Peradeniya University in 1994, earned his Master's from AIT, and completed his Doctorate in Water Resources Engineering from the University of Putra, Malaysia.

AIT alumnus appointed Governor, Expressway Authority of Thailand



Mr. Narong Gieddech, an alumnus of the Asian Institute of Technology (AIT) has been selected as the new Governor of the Expressway Authority of Thailand (EXAT). He shall assume office from 1 January 2016. Prior to his elevation, he was serving as Deputy Governor of Administration at EXAT.

Mr. Narong graduated with a Master's in Engineering in Infrastructure Planning and Management from AIT's School of Civil Engineering in 1997.

Established in 1972, EXAT is state enterprise under Thailand's Ministry of Transportation and Communications, with an objective of creating, organizing, renovating and maintaining expressways. EXAT is responsible for the expressway system including high-capacity controlled-access highways serving the Greater Bangkok area.

School of Environment, Resources and Development



May Sabe Phyu, an alumna of Gender and Development Studies at SERD, was among the 10 select women chosen for the 2015 Secretary of State's International Women of Courage Award. A

co-founder of the Kachin Peace Network and Director of the Gender Equality Network, she was awarded by Deputy Secretary Heather Higginbottom on 5 March 2015 for her "exceptional courage and leadership in advocating for human rights, women's equality, and social progress, often at great personal risk."



Mr. Gem Tshering, an alumnus from Energy, had been appointed as the Managing Director of Bhutan Power Corporation, effective from 1 July 2015. Mr. Tshering obtained a B. Tech from Madras, India and a Master's Degree in Energy (Energy Planning and

Policy) from AIT in 1994.



Mr. Kamal Kishore, SERD alumnus, had been appointed to the National Disaster Management Agency (NDMA), India's top disaster body, in early 2015.



Alumnus, Dr. Kasemsun Chinnavaso has been appointed by the Royal Thai Government Cabinet as the Permanent Secretary of the Ministry of Natural Resources and Environment (MONRE) according to an announcement on 26 May 2015.



SERD Alumnus, Mr. Adthaporn Singhawichai, had been appointed as Governor of Surin province, which is located in the North eastern region of Thailand bordering Cambodia. He assumed duties as Governor from 1 October 2015.



Minister of Industry and Trade Vu Huy Hoang signed decision to appoint Mr. Dang Hoang An, Deputy General Director to the General Director position of Electricity of Vietnam (EVN), replacing Mr. Pham Le Thanh who retires from July 01st, 2015. (Mr. An got M.Sc in Energy (1996-1997) and MBA from AIT).

School of Management

🔗 OCS Group appoints new TFM Director Thailand



OCS Group, a UK-based facilities management outsourcing company, announces the appointment of Mr Boonkiat Wisittigars as the new Total Facilities Management Director – Thailand, effective from 1st December 2015 onward. His responsibilities cover all areas of TFM businesses in Thailand with full responsibilities in Strategic Management, Planning and Standard, Operations and Client Services. He is to set the effective TFM structure and building people capability under the TFM Arena to ensure the highest TFM service delivery as well as maximize customer satisfaction to increase and expand TFM business in all areas of responsibilities.

Mr Boonkiat has more than 22 years of experiences in real estate development and investment, property acquisition, property management and facility management. Prior to joining OCS Group, he was senior vice president – Head of Building Management at Siam Commercial Bank (SCB) and managing director of Mahisorn Company Limited, a subsidiary of SCB Group.

Mr Boonkiat holds a Doctorate Degree of Business Administration and MBA from Asian Institute of Technology (AIT).

🔗 Ibrahim Hameed appointed as Home Ministry's Permanent Secretary of Bhutan

Ibrahim Hameed has been appointed as the Permanent Secretary at the Ministry of Home Affairs.

He was previously an Assistant Director at the Home Ministry. Hameed also assumed posts at Ministry of Atolls Administrations and Atolls Development.

He holds a Masters Degree in Business Administration from Asian Institute of Technology, Thailand.

🔗 MBA Magazine Thailand featured SOM alumnus Charttrapat Hirunsiri



MBA Magazine Thailand featured SOM alumnus (MBA 2011) Charttrapat Hirunsiri. The article titled 'Get Opportunity Go! M.B.A.@AIT'

Link: <http://www.mbamagazine.net/index.php/b-school-3/2205-get-opportunity-go-m-b-a-ait>

LIBRARY MODERNIZATION



HRH Princess Maha Chakri Sirindhorn Grants Royal Auspices to AIT Library Modernization

In a worldwide trend, university libraries are exploring a new model for service delivery, known as "digital commons". Many campus libraries have remodeled their physical facilities in order to best serve students and faculty, adding computers, cafes, classrooms, outlets and study areas. With regard to the AIT Library, this trend provides AIT a timely opportunity to raise funds for its complete modernization, rather than just repairing its flood-damaged ground floor. Moreover, it is well-known in the philanthropic world that donors want their money to

be associated with building a future success, rather than repairing a past failure. That has been one of the main reasons and motivation why AIT chose to embark on a fundraising campaign for our library's modernization.

Under the leadership of President Worsak, AIT successfully raised more than 80 million THB for the Library Modernization Campaign from individual, group and corporate donors committed to the cause of creating a modern library facility that befits the 21st Century student learning experience. Significantly, Thailand's HRH Princess Maha Chakri Sirindhorn ac-

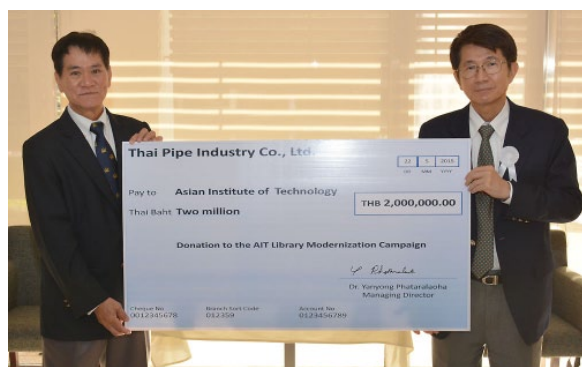
cepted AIT's invitation to serve as the Honorary Chair of the International Advisory Committee for the campaign. The campaign exceeded its goals and was an unqualified success. Through extensive networking and promotion, the campaign attracted blue chip corporate donors and co-branding partnerships. Notable examples were 10 million THB donations by world leading corporate brands such as Red Bull and SCG. AIT expressed its grateful appreciation to its generous alumni partners and friends for their tremendous support in the effort.



Red Bull's 10 Mil. Baht grant co-brands AIT with world's No. 1 energy drink maker 7 May 2015



Bangchak Petroleum Donates 5 Mil THB to AIT
May 30, 2015



Alumnus Dr. Yanyong Phataralaoha donates
2 million Baht for AIT Library
22 May 2015



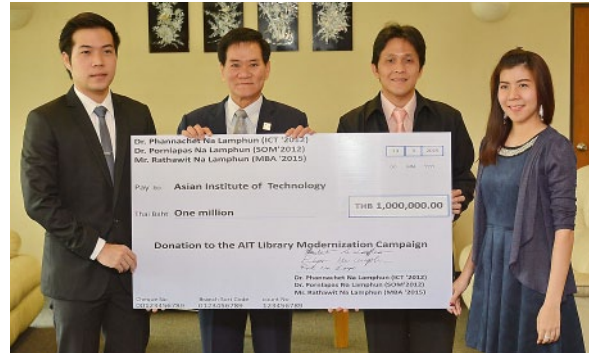
AIS donates 2 Million Baht for AIT Library
Modernization
9 April 2015



Thai Contractors Association donates
2 Million Baht
7 July 2015



Dr. Chainarong Na Lamphun (1 Million Baht)



Dr. Phannachet Na Lamphun, Dr. Pornlapas Na Lamphun, and Mr. Rathawit Na Lamphun (1 Million Baht)



**Alumni donate 1 Million Baht in memory of late Prof. Yordphol Thanaboriboon
2 April 2015**



**Nawarat Patanakarn Plc. donates 1.1 Million Baht for AIT Library
11 May 2015**



Amata Corporation (1 Million Baht)



Mr. Charoen Jaturasil (1 Million Baht)



**AIT Alumnus Pit Teong Lee commits to help transform AIT Library into a modernized, e-learning wonder
21 April 2015**



Mr. Tan Chin Nyan



Ms. Ailee Loh (976,101 Baht)



AIT's Hall of Fame Member
Yen-Yi Tseng donated 1
Million Baht for the AIT
Library

Donation to the AIT Library Modernization Campaign : December 2015

Donor	Number	%	Amount (THB)
Members of AIT Hall of Fame / Board of Trustees	19	6.7	5,332,535
Organizations/Corporates	40	58.0	45,926,100
Former faculty/staff	26	1.4	1,088,849
Present AIT faculty/staff/students	19	2.6	2,026,700
Alumni Chapter/Groups	15	6.1	4,816,177
Individual Alumni	103	16.3	12,935,624
Individuals / friends of AIT	3	0.1	80,000
Donations under 15,000 THB	434	8.9	7,036,023
Total	659	100	79,242,008

CAMPUS REHABILITATION

Even prior to the flood of 2011, AIT's campus facilities were in a state of deterioration, with the main infrastructure backbone, such as water, air-conditioning and electricity systems all in need of a major overhaul. The AIT Administration, therefore, requested the Executive Committee to use the remaining 133 million THB from the flood insurance funds to upgrade the overall campus infrastructure for the first time since the campus moved to Pathumthani province in 1971.

On 26 February 2015, President Wor-sak Kanok-Nukulchai received approval from the AIT Board of Trustees to use the rest of the insurance monies to replace, rejuvenate, and upgrade the entire campus infrastructure backbone, namely the (1) air-conditioning system, (2) electrical system, (3) water supply system, (4) waste water system, and (5) the ground and pavement system.

Brief details on the upgrade of the campus infrastructure backbone in 2015 are as below:

1. For air conditioning system; a new chiller of 600 tons and two new cooling towers of 700 tons have been installed and several valves inside chiller plant have been replaced which have improved the efficiency of overall operation. In 2016 the focus of improvement is to upgrade the chilled water distribution network to improve the efficiency at the user end.
2. For electrical system; With the support of Provincial Electricity Authority of Thailand, a survey and tests were done to assess the condition of high voltage equipment, transformers and underground cables at substations. Based on the assessment and preventive maintenance, all faulty equipment and parts were replaced. For 2016, the improvement will be done on the distribution networks from substations to the buildings in campus.
3. For water supply system; in order to boost up water pressure, the design and bidding process for construction of new storage tank

of 700 m3 capacity and laying new pipeline from PWA main meter to the new tank with the pressure regulated system, as well as laying new pipeline from dorm T to ST12 was finalized. The construction and upgrade of the system are scheduled to be completed by Mid-2016. Further in 2016 the major valves of the distribution system will be assessed for the need of replacement.

4. For waste water system; based on assessment with the amount of water used and water collected at treatment plant only 30% of the water is received. To assess the real condition of the system, a survey is planned by zone in 2016.
5. The ground and pavement system will be scheduled in late 2016 after all major repair works are completed.

In terms of campus equipment, most flood-damaged equipment have been repaired, except for some that are either outdated or too expensive. Many



Two new cooling towers of 700 tons each installed



BEFORE
Old cooling tower



AFTER
New cooling tower

pieces of equipment not damaged by the floods were already obsolete. Upgrading research equipment has been a challenge for AIT, ever since the generous Japanese Equipment Grant terminated in the early 2000s. It is easy to understand why it is not feasible to embark on

an Institute-level fundraising campaign for research equipment, which is field-specific. It is more sustainable to install an internal built-in mechanism that allows all fields to accumulate their operational surplus for a periodical equipment up-

grade. Thus, the Administration will soon propose to the Board to allow 50% of its annual operating surplus to be accumulated as Equipment Fund, which the contributing fields of study can use for their equipment upgrade.



APPENDICES

FINANCIAL STATEMENT AND AUDITOR'S REPORT

INDEPENDENT AUDITOR'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 2015, the statements of revenues and expenses, changes in fund balances and cash flows for the year then ended, and notes, comprising a summary of significant accounting policies and other explanatory information.

Management's Responsibility for the Financial Statements

Organisation'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 2015, and its financial performance and cash flows for the year then ended 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

23 May 2016

STATEMENTS OF FINANCIAL POSITION

		31 December	
	Note	2015	2014
(in Baht)			
ASSETS			
<i>Current assets</i>			
Cash and cash equivalents	4	319,693,748	319,693,748
Current investments	5	483,709,927	483,709,927
Accounts receivable	6	141,319,744	141,319,744
Receivables from Program fund		38,855,896	38,855,896
Assets held on behalf of donors	10	265,301,215	265,301,215
Assets held on behalf of UNEP RRC.AP	11	88,790,587	88,790,587
Other current assets		18,509,398	18,509,398
Total current assets		1,356,180,515	1,356,180,515
<i>Non-current assets</i>			
Restricted deposits of financial institutions	5	15,100,000	15,100,000
Property and equipment	7	684,133,720	668,762,828
Total non-current assets		699,233,720	683,862,828
Total assets		2,132,301,984	2,040,043,343
LIABILITIES AND FUND BALANCES			
<i>Current liabilities</i>			
Accounts payable and accrued expenses	8	142,001,362	166,661,830
Advances from Program fund		214,843,202	188,803,584
Deposit payables		5,484,944	5,069,106
Amounts due to donors	10	375,940,412	265,301,215
Amounts due to UNEP RRC.AP	11	–	88,790,587
Total current liabilities		738,269,920	714,626,322
<i>Non-current liabilities</i>			
Employee benefit obligations	9	18,574,755	21,778,398
Total non-current liabilities		18,574,755	21,778,398
Total liabilities		756,844,675	736,404,720
<i>Fund balances</i>			
Endowment fund balances		140,510,691	139,091,236
Capital funds balances		843,672,888	683,185,859
General reserve		391,273,730	481,361,528
Total fund balances		1,375,457,309	1,303,638,623
Total liabilities and fund balances		2,132,301,984	2,040,043,343

STATEMENTS OF REVENUES AND EXPENSES

		31 December	
	Note	2015	2014
(in Baht)			
INCOME			
Tuition and other fees		431,994,061	437,072,144
Research grants and contract service income		156,255,399	139,947,388
Support operations		154,551,753	142,479,561
Training		247,856,287	154,705,892
Other contributions		15,699,177	13,853,991
Faculty secondments		23,905,817	26,434,193
Total income		1,030,262,494	914,493,169
EXPENSES			
Salaries and benefits	12	398,894,560	334,867,533
Materials, supplies and services		248,182,339	200,250,109
Contracted services		209,850,043	210,943,319
Communication and travel		51,055,306	31,239,261
Utilities and insurance		59,086,364	60,956,620
Faculty secondments		23,905,817	26,434,193
Total expenses		990,974,429	864,691,035
Income over (under) expenses		39,288,065	49,802,134
Depreciation	7	-76,265,535	-70,804,075
Income under expenses including depreciation		-36,977,470	-21,001,941
Non operating income and expenses			
Investment income		19,277,351	21,536,066
Other income		291,635	115,600
Gain (loss) on exchange rate		489,862	-1,670,482
Replenishment/ replacement of damaged item		-2,684,837	-3,771,132
Income under expenses		-19,603,459	-4,791,889

STATEMENTS OF CASH FLOWS

		For the year ended 31 December	
	Note	2015	2014
(in Baht)			
CASH FLOWS FROM OPERATING ACTIVITIES			
Opening fund balances		1,303,638,623	1,309,274,199
Closing fund balances		1,375,457,309	1,303,638,623
Movement in fund balances		71,818,686	-5,635,576
Adjustments to reconcile movement of fund balances			
Doubtful debts	6	11,323,215	3,674,509
Depreciation		76,265,535	70,804,075
Unrealised gain on exchange rate		-696,409	-185,986
Reversal of employee benefit obligation		-798,008	-1,464,565
Movement in fund balances from operating activities before changes in operating assets and liabilities		157,913,019	67,192,457
Changes in operating assets and liabilities:			
Accounts receivable		11,822,942	7,165,325
Receivables from Program fund		12,060,926	-1,061,413
Other current assets		-5,087,601	22,192,179
Advance deposits		-	-
Accounts payable and accrued expenses		-24,660,468	-1,457,972
Advances from Program fund		26,039,618	34,055,172
Deposit payables		415,838	476,260
Employee benefit obligation paid		-2,405,635	-1,412,643
Net cash from operating activities		176,098,639	127,149,365
CASH FLOWS FROM INVESTING ACTIVITIES			
Increase in current investments		-138,352,228	-205,236,473
Purchase of property and equipment	7	-91,442,517	-112,807,774
Purchase of property and equipment		-229,794,745	-318,044,247
Net decrease in cash and cash equivalents		-53,696,106	-190,894,882
Cash and cash equivalents at beginning of year		319,693,748	509,322,273
Effects of exchange rate changes on balances held in foreign currencies		4,018,401	1,266,357
Cash and cash equivalents at end of year	4	270,016,043	319,693,748

STATEMENTS OF CHANGES IN FUND BALANCES

	Note	Unrestricted Current fund	Unrestricted fund – General	Restricted funds		Unrestricted fund	Capital funds	Restricted fund –	Total	
				Endowment fund	Program fund	Integrated facility management	Property and equipment	General reserve	31 December 2015	31 December 2014
(in Bath)										
Balances 1 January										
Adjusted gain (loss) on foreign currency translation of AITVN		-	-	139,091,236	-	-	683,185,859	481,361,528	1,303,638,623	1,309,274,199
Adjusted Balances as at 1 January		-	-	139,091,236	-	-	683,379,908	494,927,727	1,317,398,871	1,299,376,716
Additions (Deductions):										
Income (under) over expenses for the year (AITTH)		109,629,311	10,730,722	1,419,455	12,884,264	(61,589,145)	(77,702,900)	5,367,696	739,403	(8,992,122)
Income (under) over expenses for the year (AITVN)	13	-	(6,474,143)	-	(12,912,882)	-	(955,837)	-	(20,342,862)	4,200,233
Total additions (deductions) for the year		109,629,311	4,256,579	1,419,455	(28,618)	(61,589,145)	(78,658,737)	5,367,696	(19,603,459)	(4,791,889)
Total		109,629,311	4,256,579	140,510,691	(28,618)	(61,589,145)	604,721,171	500,295,423	1,297,795,412	1,294,584,827
TRANSFER TO (FROM) OTHER FUNDS:										
Unrestricted current fund		-	-	-	-	-	-	109,629,311	109,629,311	128,185,225
Unrestricted fund – General		-	-	-	-	-	-	4,256,579	4,256,579	11,398,192
Restricted funds										
– Endowment		-	-	-	-	-	-	-	-	-
– Program fund		-	-	-	-	-	15,108,262	(28,618)	15,079,644	19,668,644
Unrestricted fund – Intergrated facility management		-	-	-	-	-	-	(61,589,145)	(61,589,145)	(87,103,483)
Restricted fund – General reserve		(109,629,311)	(4,256,579)	-	28,618	61,589,145	158,887,891	-	106,619,764	(63,904,284)
Capital Fund – Property and equipment		-	-	-	(15,108,262)	-	-	(158,887,891)	(173,996,153)	(8,244,294)
Transfers (to) from funds held on behalf of others		-	-	-	-	-	64,955,564	(2,401,929)	62,553,635	1,138,138
Reclassification to receivables from Program fund		-	-	-	(153,326,403)	-	-	-	(153,326,403)	(114,064,938)
Reclassification to advance from Program fund		-	-	-	168,434,665	-	-	-	168,434,665	121,980,596
Total		(109,629,311)	(4,256,579)	-	28,618	61,589,145	238,951,717	(109,021,693)	77,661,897	9,053,796
Balances as at 31 December										
		-	-	140,510,691	-	-	843,672,888	391,273,730	1,375,457,309	1,303,638,623

STATEMENTS OF FINANCIAL POSITION AS AT 31 DECEMBER 2013 AND 2015

	Note	Unrestricted Current fund	Unrestricted fund- General	Restricted funds		Unrestricted fund	Restricted fund – General reserve	Capital funds	Agency fund	Total	
				Endowment fund	Program fund	Integrated facility management		Property and equipment		31 December 2015	31 December 2014
(in Bath)											
ASSETS											
Current assets											
Cash and cash equivalents	4	(9,648,052)	(75,653,176)	24,159,017	26,760,162	12,759,171	164,875,914	126,763,007	-	270,016,043	319,693,748
Current investments	5	71,327,443	78,386,890	116,391,583	93,379,725	-	-	262,576,514	-	622,062,155	483,709,927
Accounts receivable	6	35,478,501	5,769,358	-	66,126,236	7,283,590	-	-	-	114,657,685	141,319,744
Receivables from Program fund		-	-	-	26,794,970	-	-	-	-	26,794,970	38,855,896
Assets held on behalf of donors	10	-	-	-	-	-	-	-	375,940,412	375,940,412	265,301,215
Assets held on behalf of UNEP RRCAP	11	-	-	-	-	-	-	-	-	-	88,790,587
Other current assets		8,385,246	893,879	2,530	11,869,817	511,318	-	1,934,209	-	23,596,999	18,509,398
Total current assets		105,543,138	9,396,951	140,553,130	224,930,910	20,554,079	164,875,914	391,273,730	375,940,412	1,433,068,264	1,356,180,515
Non-current assets											
Restricted deposits of financial institutions	5	-	-	-	15,100,000	-	-	-	-	15,100,000	15,100,000
Property and equipment	7	-	-	-	-	-	684,133,720	-	-	684,133,720	668,762,828
Total non-current assets		-	-	-	15,100,000	-	684,133,720	-	-	699,233,720	683,862,828
Total assets		105,543,138	9,396,951	140,553,130	240,030,910	20,554,079	849,009,634	391,273,730	375,940,412	2,132,301,984	2,040,043,343
LIABILITIES AND FUND BALANCES											
Current liabilities											
Accounts payable and accrued expenses	8	87,227,478	8,280,421	42,439	23,628,800	17,485,478	5,336,746	17,478,715	-	142,001,362	166,661,830
Advances from Program fund		-	-	-	214,843,202	-	-	-	-	214,843,202	188,803,584
Deposit payables		1,299,813	1,116,530	-	-	3,068,601	-	-	-	5,484,944	5,069,106
Amounts due to donors	10	-	-	-	-	-	-	-	375,940,412	375,940,412	265,301,215
Amounts due to UNEP RRCAP	11	-	-	-	-	-	-	-	-	-	88,790,587
Total current liabilities		88,527,291	9,396,951	42,439	238,472,002	20,554,079	5,336,746	17,478,715	375,940,412	738,269,920	714,626,322
Non-Current liabilities											
Employee benefit obligations	9	17,015,847	-	-	1,558,908	-	-	-	-	18,574,755	21,778,398
Total liabilities		105,543,138	9,396,951	42,439	240,030,910	20,554,079	5,336,746	17,478,715	375,940,412	756,844,675	736,404,720
Fund balances											
Endowment fund balances		-	-	140,510,691	-	-	-	-	-	140,510,691	139,091,236
Capital funds balances		-	-	-	-	-	843,672,888	-	-	843,672,888	683,185,859
General reserve		-	-	-	-	-	-	391,273,730	-	391,273,730	481,361,528
Total fund balances		-	-	140,510,691	-	-	843,672,888	391,273,730	-	1,375,457,309	1,303,638,623
Total liabilities and fund balances		105,543,138	9,396,951	140,553,130	240,030,910	20,554,079	849,009,634	391,273,730	375,940,412	2,132,301,984	2,040,043,343

STATEMENTS OF REVENUES AND EXPENSES

	Note	Unrestricted Current fund	Unrestricted fund—General	Restricted funds		Unrestricted fund	Capital fund Property and equipment	Restricted fund – General reserve	Total	
				Endowment fund	Sponsored Program fund	Integrated Facility Management			31 December 2015	31 December 2014
(in Bath)										
INCOME										
Tuition and other fees		376,883,481	-	-	55,110,580	-	-	-	431,994,061	437,072,144
Research grants and contract service income		12,609,700	209,169	-	143,436,530	-	-	-	156,255,399	139,947,388
Support operations		2,656,643	60,163,025	-	-	91,732,085	-	-	154,551,753	142,479,561
Training		-	172,415	-	247,683,872	-	-	-	247,856,287	154,705,892
Other contributions		8,028,183	1,756,111	1,066,918	4,847,965	-	-	-	15,699,177	13,853,991
Faculty secondments		-	23,905,817	-	-	-	-	-	23,905,817	26,434,193
Total income		400,178,007	86,206,537	1,066,918	451,078,947	91,732,085	-	-	1,030,262,494	914,493,169
EXPENSES										
Employee benefit expenses	12	206,902,036	18,912,585	-	162,151,731	10,928,208	-	-	398,894,560	334,867,533
Materials, supplies and services		32,816,669	27,619,801	165,853	165,132,752	22,447,264	-	-	248,182,339	200,250,109
Contracted services		57,165,540	9,442,212	-	79,055,854	64,186,437	-	-	209,850,043	210,943,319
Communication and travel		6,276,748	2,420,376	-	41,480,379	877,803	-	-	51,055,306	31,239,261
Utilities and insurance		1,854,664	(936,667)	-	3,286,849	54,881,518	-	-	59,086,364	60,956,620
Faculty secondments		-	23,905,817	-	-	-	-	-	23,905,817	26,434,193
Total expenses		305,015,657	81,364,124	165,853	451,107,565	153,321,230	-	-	990,974,429	864,691,035
Income over (under) expenses		95,162,350	4,842,413	901,065	(28,618)	(61,589,145)	-	-	39,288,065	49,802,134
Depreciation	7	-	-	-	-	-	(76,265,535)	-	(76,265,535)	(70,804,075)
Income over (under) expenses including depreciation		95,162,350	4,842,413	901,065	(28,618)	(61,589,145)	(76,265,535)	-	(36,977,470)	(21,001,941)
NON OPERATING INCOME AND EXPENSES										
Investment income		10,128,524	3,262,741	518,390	-	-	-	5,367,696	19,277,351	21,536,066
Other income		2,684,837	-	-	-	-	(2,393,202)	-	291,635	115,600
Gain (loss) on exchange rate		4,338,437	(3,848,575)	-	-	-	-	-	489,862	(1,670,482)
Replenishment/ replacement of damaged item		(2,684,837)	-	-	-	-	-	-	(2,684,837)	(3,771,132)
Income over (under) expenses		109,629,311	4,256,579	1,419,455	(28,618)	(61,589,145)	(78,658,737)	5,367,696	(19,603,459)	(4,791,889)

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 23 May 2016.

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 2014)	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 2016 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 2015)	Statement of Cash Flows	2016

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 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 operating entity within an organisation which does not have a separate legal identity. The Branch has 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 entity

The assets and liabilities of foreign entity 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.

(F) LOSSES ON DECLINE IN VALUE

The carrying amounts of the Company's assets are reviewed at each reporting date to determine whether there is any indication of a permanent decline in value. If any such indication exists, the assets' recoverable amounts are estimated. A

loss on decline in value is recognised if the carrying amount exceeds its recoverable amount. A loss on decline in value is recognised in the statement of revenues and expenses.

(G) PAYABLES

Payables are stated at cost.

(H) PROVISIONS

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

Employee benefits

Obligations for retirement benefits are recognised using the best estimate method at the reporting date.

Defined contribution plans

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

(I) REVENUE

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

Tuition and other fees

Tuition and other fees are recognised on an accrual basis.

Research Grant and Contract service income

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

Support operations

Support operations are recognised as services are provided.

Donations

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

Contribution in kind (Faculty secondments)

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

Investment income

Investment income is recognised on an accrual basis.

(J) EXPENSES

Lease payments

Payments made under operating leases are recognised in the statement of revenues and expenses on a straight-line basis over the term of the lease. Lease incentives received are recognised in the statement of revenues and expenses as an integral part of the total lease expense, over the term of lease.

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

(K) INCOME TAX

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

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

4. Cash and cash equivalents

	2015	2014
	<i>(in thousand Baht)</i>	
Bank accounts	179,997	42,470
Fixed deposits with maturity three months or less	90,019	277,224
Total	270,016	319,694

5 Current investments

	2015	2014
	<i>(in thousand Baht)</i>	
Fixed deposits with maturity more than three months	637,162	498,810
Less Deposits pledged as collateral	(15,100)	(15,100)
Net	622,062	483,710

At 31 December 2015, fixed deposits of Baht 15.1 million (2014: 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

	2015	2014
	<i>(in thousand Baht)</i>	
Tuition and other fees	81,050	84,094
Others	56,252	68,547
	137,302	152,641
Less allowance for doubtful accounts	(22,644)	(11,321)
Net	114,658	141,320
Bad and doubtful debts expenses for the year	11,323	3,675

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 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 and 1 January 2015	257,808	990,672	401,219	13,970	284	67,935	1,731,888
Additions	21,033	3,846	33,804	419	-	32,342	91,444
Transfers	61,721	-	59	-	-	(61,780)	-
Foreign currency translation	-	403	699	95	-	-	1,197
At 31 December 2015	340,562	994,921	435,781	14,484	284	38,497	1,824,529
DEPRECIATION							
At 1 January 2013	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 and 1 January 2015	86,830	645,367	322,116	8,611	202	-	1,063,126
Depreciation charge for the year	22,583	23,653	28,817	1,166	47	-	76,266
Foreign currency translation	-	356	494	153	-	-	1,003
At 31 December 2015	109,413	669,376	351,427	9,930	249	-	1,140,395
NET BOOK VALUE							
At 31 December 2014	170,978	345,305	79,103	5,359	82	67,935	668,762
At 31 December 2015	231,149	325,545	84,354	4,554	35	38,497	684,134

The gross amount of fully depreciated property and equipment that was still in use as at 31 December 2015 amounted to Baht 558 million (2014: 543 million).

8. Accounts payable and accrued expenses

	2015	2014
	<i>(in thousand Baht)</i>	
Accounts payable from operation	37,529	45,371
Provision for insured saving fund tax	9,365	9,365
Advance from students	30,752	29,015
Withholding tax payable	2,377	5,487
Accrued operating expenses	11,447	8,918
Accrued staff expenses	31,596	37,540
Others	18,935	30,923
Total	142,001	166,662

9. Employee benefit obligations

	2015	2014
	<i>(in thousand Baht)</i>	
At 1 January	21,778	24,656
Provisions made	277	-
Provisions used	(2,405)	(1,413)
Provisions reversed	(1,075)	(1,465)
At 31 December	18,575	21,778

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 2015 and 2014 and revenues and expenses for the years then ended were as follows:

	2015	2014
	<i>(in thousand Baht)</i>	
Funds received from donors	299,105	253,028
<i>Application of funds</i>		
● Salaries and other benefits	2,997	2,009
● Scholarships	299,458	192,136
● Contracted services	43,614	49,462
● Communication, travel and utility expenses	1,772	2,624
Total funds applied	347,841	246,231
Income (under) over expenses for the year	(48,736)	6,797
<i>Assets held on behalf of donors</i>		
Cash and deposits at financial institutions	155,208	77,264
Current investments	210,389	185,597
Accounts receivable and other current assets	10,343	2,440
Total assets held on behalf of donors	375,940	265,301
<i>Balance at 1 January:</i>		
● Amounts due to donors	255,456	249,685
● Amounts due to donors – AITVN	26	154
Income (under) over expenses for the year	(48,736)	6,797
Transfers to other funds	(62,869)	(1,138)
Foreign currency translation	(48)	(16)
Balance at 31 December	143,829	255,482
Liabilities	165,789	9,819
Transfer from asset held on behalf of, and amounts due to, UNEP RRC.AP	66,322	-
	232,111	9,819
Total amounts due to donors	375,940	265,301

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

	2015	2014
	<i>(in thousand Baht)</i>	
Funds received from UNEP RRC.AP	28,446	21,961
Total funds applied	(35,871)	(24,990)
Income under expenses for the year	(7,425)	(3,029)
<i>Assets held on behalf of UNEP RRC.AP</i>		
Cash and deposits at financial institutions	-	85,944
Accounts receivable	-	2,492
Property and equipment	-	355
Total assets held on behalf of UNEP RRC.AP	-	88,791
<i>Amounts due to UNEP RRC.AP</i>		
Balance at 1 January	73,747	76,776
Income under expenses for the year	(7,425)	(3,029)
Balance at 31 December	66,322	73,747
Liabilities	-	15,044
Transfer to Assets held on behalf of, and amounts due to, donors	(66,322)	-
Total amounts due to UNEP RRC.AP	-	88,791

12. Employee benefit expenses

	2015	2014
	<i>(in thousand Baht)</i>	
Wages and salaries	372,839	311,766
Contribution to provident fund and insured saving fund	15,745	14,192
Personal income tax of employees	725	756
Social security costs	5,199	4,903
Other costs	4,387	3,251
Total	398,895	334,868

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
- Organise research outreach and development activities as well as the transfer of technologies as required by the economic development of the country.

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

	2015	2014
	<i>(in thousand Baht)</i>	
Income	95,574	119,894
Expenses	(115,917)	(115,694)
Income (under) over expenses	(20,343)	4,200

Financial statements for the years ended 31 December 2015 and 2014 have been prepared and approved by 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 In-

stitute. The MOU provides that the Institute will make available and fund a total of sixty scholarships over the thirty-year life of the land lease agreement. 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. At 31 December 2015, the scholarship commitment amounted to totaling Baht 76.5 million (2014: Baht 76.5 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 which ended on June 30, 2014. The agreements can be extended by notifying in writing at least 8 weeks prior to the end of the initial term as specified in the said agreement.

On 20 June 2014, the Institute entered into agreement with SN Service Solutions Co., Ltd. whereby such company will provide technical maintenance included preventive and collective maintenance of academic building, residence and field zone. Under terms of the agreements, the Institute is committed to pay management fee to SN, at the rate as indicated in the agreement. The term of the management agreement is for 5 years, counting from the effective date and will end on June 30, 2019. The agreements can be extended by notifying in writing at least 90 days prior to the end of the initial term as specified in the said agreement.

On 20 June 2014, the Institute entered into agreement with Professional Maid Co., Ltd. whereby such company will provide cleaning service. Under terms of the agreements, the Institute is committed to pay management fee to such company, at the rate as indicated in the agreement. The term of the management agreement is for 2 years, counting from the effective date and will end on June 30, 2016. The agreements can be extended by notifying in writing at least 90 days prior to the end of the initial term as specified in the said agreement.

On 20 June 2014, the Institute entered into agreement with Green Tree Arborist Co., Ltd. whereby such company will provide landscape management service. Under terms of the agreements, the Institute is committed to pay management fee to such company, at the rate as indicated in the agreement. The term of the management agreement is for 2 years, counting from the effective

date and will end on June 30, 2016. The agreements can be extended by notifying in writing at least 90 days prior to the end of the initial term as specified in the said agreement.

On 20 June 2014, the Institute entered into agreement with VP Service Management Co., Ltd. whereby such company will provide management of hotel service and food & beverage of AITCC. Under terms of the agreements, the Institute is committed to pay management fee to such company, at the rate as indicated in the agreement. The term of the management agreement is for 3 years, counting from the effective date and will end on June 30, 2017. The agreements can be extended by notifying in writing at least 90 days prior to the end of the initial term as specified in the said agreement.

BANK GUARANTEES

At 31 December 2015, 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 5.5 million (2014: Baht 0.7 million). These bank guarantees were collateralised by AIT's fixed deposits as discussed in note 5.

OTHERS

At 31 December 2015, the Institute had obtained credit facilities for bank overdraft totaling

Baht 5 million (2014: Baht 5 million) which were collateralised by AIT's fixed deposits as discussed in note 5. Bank overdrafts bore interest at the rate of fixed deposits plus 1.20% per annum (2014: fixed deposits plus 1.25% per annum).

15. Contingent liabilities

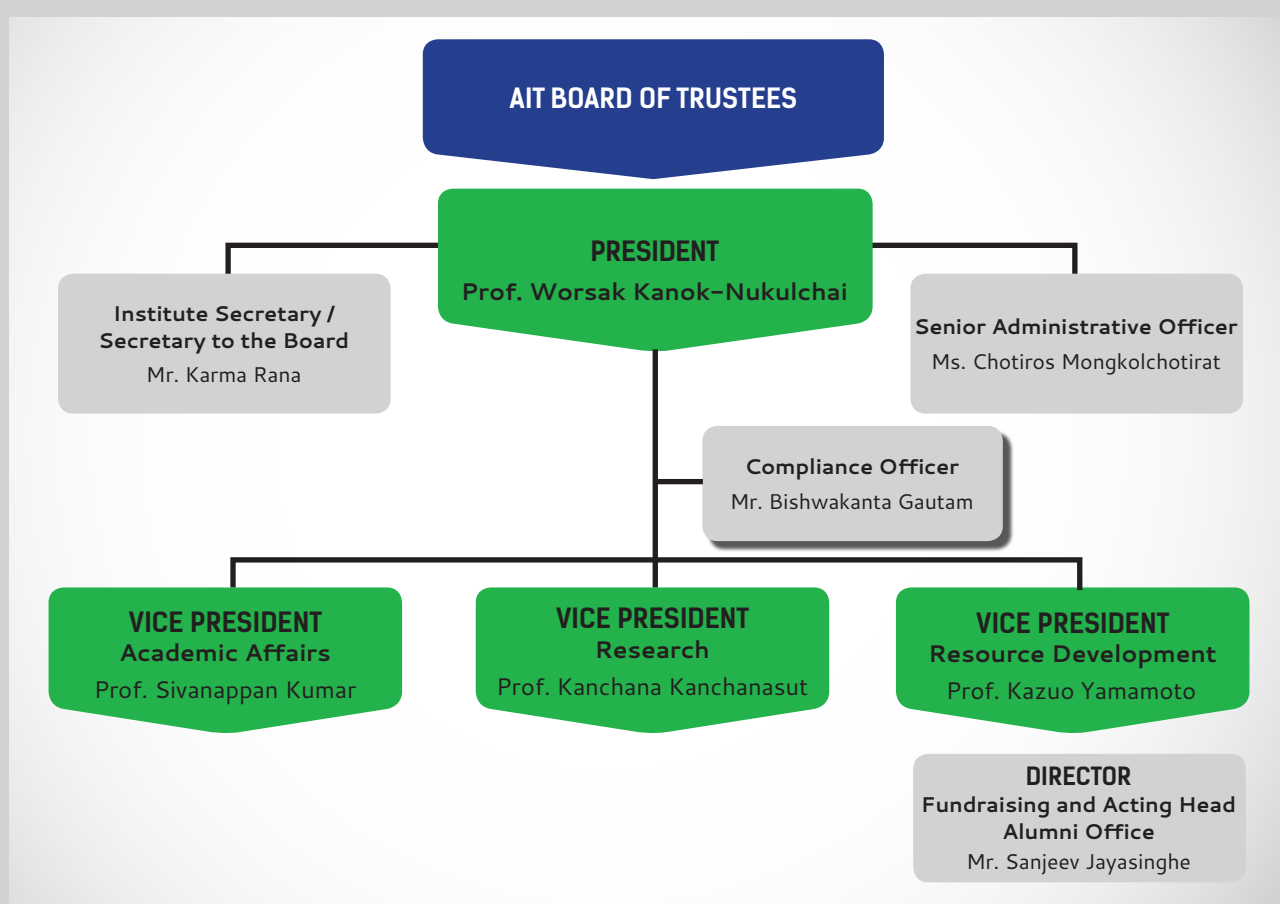
LABOUR CASE

At 31 December 2015, there were three labour cases in regards to the breach of employment contracts and are still pending at the Supreme Court and the Central Labour Court. 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 2015.

STUDENT CASE

As at 31 December 2015, 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 2015.

ORGANIZATIONAL STRUCTURE



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AIT Center in Vietnam
Dr. Fredric W. Swierczek

DIRECTOR
Center of Excellence on
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in the Context of Climate
Change
Prof. Mukand S. Babel

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Prof. Voratas Kachitvichyanukul

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Ms. Laarni B. Roa

HEAD
Office of Facilities & Assets
Management
Mr. Wanchai Sophonsakulrat

HEAD
Office of Procurement,
Inventory & Assets
Ms. Pakkamol Dherapongsthada

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Professor Worsak Kanok-Nukulchai

VICE PRESIDENTS

ACADEMIC AFFAIRS

Professor Sivanappan Kumar

RESEARCH

Professor Kanchana Kanchanasut

RESOURCE DEVELOPMENT

Professor Kazuo Yamamoto

DEANS

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Professor Voratas Kachitvichyanukul

SCHOOL OF ENVIRONMENT, RESOURCES & DEVELOPMENT

Professor Chettiyappan Visvanathan

SCHOOL OF MANAGEMENT

Dr Donyaprueth Krairit
(until 30 April 2015)

Prof M Nazrul Islam
(from 1 June 2015)

DIRECTORS

AIT CENTER IN VIETNAM (AITCV)

Dr Fredric W Swierczek

AIT EXTENSION AND REGIONAL RESOURCE CENTRE FOR ASIA AND THE PACIFIC (RRC-AP) (DEPUTY DIRECTOR)

Dr Jonathan L Shaw

INTERNET EDUCATION & RESEARCH LABORATORY (INTERLAB)

Professor Kanchana Kanchanasut

INSTITUTE-WIDE RESEARCH CENTER FOR SUSTAINABLE DEVELOPMENT IN THE CONTEXT OF CLIMATE CHANGE (SDCC)

Professor Mukand Singh Babel

AIT CONSULTING

Dr Naveed Anwar

FUNDRAISING

Mr Sanjeev Jayasinghe

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.



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ONGOING PARTNERSHIPS AND NEW INITIATIVES

NO	PARTICULARS	ONGOING PARTNERSHIP/ NEW INITIATIVE	
1.	Norwegian Ministry of Foreign Affairs Scholarship Program for Myanmar Candidate to study Master Degree at AIT	40 Myanmar Candidates enrolled into AIT Master 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" provides students with European and Asian experiences	
4.	Centre de Cooperation Internationale en Recherche Agronomique pour le Developpement (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 August 2015 Semester.	
6.	Japan Government Contribution FY 2015	Received 123,872 US\$ in December 2015 from the Government of Japan for the PhD scholarships for August 2016 intake.	
7.	Japan HRD Fund	5 Short term Visiting Faculty (in August Semester) from Japan partially supported by Japan HRD fund in 2015.	
8.	Ministry of Environment, Government of Japan (MoEJ)	MoA signed with (MoEJ) for secondment of researchers at AIT. As a result, a director of RRC.AP was seconded in 2015.	
9.	Japan Aerospace Exploration Agency (JAXA), Japan	LoA extended until March 2018.	
10.	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.	
11.	Remote Sensing Technology Center (RESTEC), Japan	Seconded 1 Visiting Researcher at GIC for one year.	
12.	Eight-Japan Engineering Consultants Inc., Japan	MoU and MoA signed in 2014 for scholarship for master's student. 1 master's student enrolled in August 2015 Semester under this scholarship.	
13.	Ochanomizu University Summer School Program, Japan	11 Students got selected for scholarships to attend the summer school during 1-8 August 2015.	27 students from AIT had applied for this summer program.
14.	Mitsubishi Rayon Co., Ltd	MoA signed with Mitsubishi Rayon for 1 year certificate program for the staffs of Mitsubishi Rayon. In August 2015, 1 Japanese staff of the company joined at EEM/ SERD for 1 year certificate program.	

NO	PARTICULARS	ONGOING PARTNERSHIP/ NEW INITIATIVE	
15.	IDEA Consultants Inc., Japan	Discussion for the establishment of IDEA laboratory at AIT	
16.	Government of Pakistan for Pakistan Fund	Received fund of about 75,725.59 THB and disbursed the fund to about 3 Pakistani students to conduct research in Pakistan.	
17.	Higher Education Commission (HEC), Pakistan	Proposal sent to HEC for faculty secondment from the Government of Pakistan for January and August 2016 Semesters	Under discussion
18.	Indonesian Agency for Agricultural Research and Development (IAARD), Ministry of Agriculture, Indonesia	MoA signed for sending IAARD researchers for AIT's master's and doctoral programs from January 2016 Semester.	
19.	Lembaga Pengelola Dana Pendidikan (LPDP), Indonesia	Letter of Intent sent to be listed in LPDP Scholarship Program	Under discussion
20.	Diponegoro University, Indonesia	MoU signed. A joint proposal submitted to the Ministry of Finance, Indonesia for LPDP scholarships for Indonesian nationals.	
21.	Ministry of Higher Education, Afghanistan	Proposal sent to MoHE, Afghanistan for Government Scholarships for Afghan nationals.	Under discussion
22.	Government of Nepal	Follow up Letter sent to Nepal Embassy regarding the Proposal submitted in 2014 to Nepal Government for Scholarships.	Under discussion
23.	Ministry of Human Resource Development (MHRD), Department of Higher Education	Proposal sent to MHRD for faculty secondment from the Government of India for August 2015 and January 2016 Semesters. As a result, 6 seconded faculty joined in August 2015 Semester and 7 joined in January 2016 Semester	
24.	EU/EM	Continued collaboration and partnership with Universities in Asia and Europe under Erasmus Mundus Program	
25.	The China Scholarship Council	Renewed MOA: 10 scholarships for Chinese candidates for Doctoral and Master Degree study at AIT	
26.	Confucius Institute Headquarters (Hanban), China	Providing 2 Chinese teachers posted in AIT International School and Language Center	
27.	Guiyang University	Collaboration with ASEAN China Education Centre	
28.	Military Research and Development Center (MRDC), Defense Science and Technology Dept.	New collaborative partnership in Nanotechnology and other areas for military applications	
29.	Thailand National Defence College (NDC)	Partnership enable to promotion cooperation between two Institutions for research, training and academics (in preparation of ASEAN Economic Community)	
30.	Jawaharlal Nehru Technological University (JNTU-Kakinada), India	Launched Unified International Bachelor Masters Degree Program with 62 students from JNTUK, India joined AIT for (FoS: CEIM, RSGIS & EEM)	
31.	Jawaharlal Nehru Technological University (JNTU-Hyderabad), India	Sent 60 students for (FoS): Energy, Structural Engineering, Computer Science, MES, CEIM, RSGIS, Mechatronics, & Telecommunication for Unified Bachelor master Degree Programs	

INSTITUTE AGREEMENTS SIGNED

Country	Government Agency	Academic Institution	Private Sector	Association/ Foundation	International Organization	Total
Bangladesh	1					1
China		5				5
France		2			2	4
Hungary		1				1
India	1	2		1		4
Indonesia	1	1				2
Japan		7				7
Myanmar	1	1				2
Mexico		1				1
Mongolia		1				1
Norway	1					1
Pakistan	1					1
South Korea		1			1	2
Sri Lanka		2				2
Sudan	1					1
Thailand	4	2	1		3	10
United Kingdom		1				1
Total	11	27	1	1	6	46

AGREEMENTS SIGNED IN 2015

COUNTRY	INSTITUTION	AGREEMENT TYPE	DETAILS (MOA)	DATE OF SIGNING AND EXPIRY
Bangladesh	Bank of Bangladesh	MOU		Signed on 01 Jan 2015 valid for 3 years
Japan	Tohoku University	MoA	MOU on Student Exchange	17 Feb. 2015
Japan	Tohoku University	MoU	Agreement on Academic Exchange	17 Feb. 2015 valid for 5 years
Mongolia	Mongolian University of Life Sciences (MULS)	MOU		signed 02-03-2015 valid for 5 years
Japan	Mitsubishi Rayon Co.Ltd	MOU		signed 16-03-2015 valid for 5 years
Japan	Mitsubishi Rayon Co.Ltd	MOA	Provide full scholarships to MRC staffs	signed 16-03-2015 valid for 5 years
Thailand	Commission on Higher Education	MOU		Signed 31-03-2015
Myanmar	Ministry of Construction	MOA	To launch Professional Master's Program in Project Management in Construction (MPM) by AIT in Myanmar in cooperation with Public Works.	Signed 06 April 2015 valid for 2 years
Indonesia	Diponegoro University	MOU		Signed 21 April 2015 valid for 3 years
Sri Lanka	South Asian Institute of Technology and Medicine (SAITM)	MOA	International Collaborative for Bachelors-Masters Degree Program	Signed 29-04-15 valid for 10 years
Thailand	Mass Rapid Transit Authority (MRTA) of Thailand	MOU		29 April 2015 valid for 5 years
Japan	Remote Sensing Technology Center (RESTEC)	MoU renewal		30 April 2015 valid until August 2018.
Thailand	TEAM Group of Companies Co., Ltd., Thailand	MOU		signed 03 June 2015 and valid for 5 years
Thailand	Regional Integrated Multi-Hazard Early Warning Systems (RIMES) for Asia and Africa	MOU Amendment	Research and Development	signed 22-05-15 valid for 5 years
Thailand	Regional Integrated Multi-Hazard Early Warning Systems (RIMES) for Asia and Africa	MOA Amendment	Operation of RIMES Early Warning Centre	signed 22-05-15 valid for 5 years
Thailand	Regional Integrated Multi-Hazard Early Warning Systems (RIMES) for Asia and Africa	MOA Amendment	RIMES-AIT Graduate Fellowship	signed 22-05-15 valid for 5 years
France	Centre de coopération internationale en recherche agronomique pour le développement (CIRAD)	2nd Addendum to General MOU		signed 27-05-15 valid for 5 years

COUNTRY	INSTITUTION	AGREEMENT TYPE	DETAILS (MOA)	DATE OF SIGNING AND EXPIRY
France	Centre de coopération internationale en recherche agronomique pour le développement (CIRAD)	Specific MOU	Assigned Dr.Nicolas Faysse, UMR G-Eau to AIT	effective 1 September 2015 valid for 2 years
Thailand	Asian Water Academy (AWA)	MOU	The seven signatory organizations (besides AIT) are: 1. Thai Waterwork Association (TWWA), 2. Thai Hydrologist Association, 3. Federation of Thai Industries (FTI), 4. Wastewater Management Authority (WMA), 5. Thai Hydrogeology Association (HAT), 6. Environmental Engineering Association of Thailand (EEAT) 7. Thailand Water Resource Association (TWRA)	Establishment of Asian Water Academy (AWA) in AIT
South Korea	UNISDR ONEA-GETI	Statement of Cooperation	Sendai Framework for Disaster Risk reduction for 2015-2030	Signed 01 July 2015 valid for 3 years
Mexico	Juarez Autonomous University of Tabasco (UJAT) Mexico	Educational & Cultural Cooperation Agreement		Signed 17 July 2015 valid for 5 years
Japan	Kyl Co. Ltd. Japan	MOA	RFID Technology Adaptation of Thai Gateway Projects	signed 16-07-2015 valid for 2 years
France	Telecom Sudparis, France	2nd Addendum to Agreement	Dual Degree Master Program ComNETS	Signed 23 June 2015 valid for 4 years
Thailand	National Defence College (NDC) Thailand	MOU	Link AIT and NDC in academic, resources and social activities	Signed 23 July 2015
France	University of Nice Sophia Antipolis (UNS)	MOU		Signed 28 July 2015 valid for 5 years
Thailand	Military Research & Development Center (MRDC) Thailand	MOU		signed 03 August 2015 valid for 3 years
China	Nanjing Institute of Railway Technology (NIRT) China	MOU		signed 04 August 2015 valid for 5 years
China	Guizhou Provincial Department of Education, China	MOU		signed 03 August 2015 valid for 5 years
China	Guizhou Institute of Technology (GIT) China	MOU		signed 03 August 2015 valid for 3 years
India	Uddaraju Ananda Raju Foundation (UARF) India	MOA	joint academic and research activities with SERD	signed 19 August 2015 valid for 5 years
China	Zhejiang University (ZJU) China	MOU		signed 20 August 2015 valid for 5 years
India	OP Jindal Global University (OPJGU), India	MOU		signed 21 August 2015 valid for 3 years
South Korea and Thailand	Korea Railway Research Institute (KRRI) Naresuan University	MOU AIT-KRRI-NU	Railway research and development and capacity building HRD in the railway industry	Signed 26 August 2015 valid for 5 years

COUNTRY	INSTITUTION	AGREEMENT TYPE	DETAILS (MOA)	DATE OF SIGNING AND EXPIRY
Myanmar	Myanma Computer Co. Training Institute (MCCI)	MOU		Jawaharlal Nehru Technological University (JNTU–Kakinada), India
France	Telecom SudParis	2nd Addendum	Dual Degree Master	Signed 01 Sept. 2015 valid for 4 years
China	Guiyang Vocational Technical College (GVTC) China	MOU		Signed 4 Aug. 2015 valid for 3 years
Sudan	Public Health Institute (PHI) Sudan	MOU		Signed 16 Sept. 2015 valid for 5 years
India	Assam Don Bosco University (ADU)	MOA	Unified Bachelor–Master Degree Program	Signed 21 Sept. 2015 valid for 5 years
United Kingdom (UK)	Aston University	MOU		12 October 2015 valid for 5 years
Indonesia	Indonesian Agency for Agricultural Research and Development (IAARD) Ministry of Agriculture	MOA	Scholarships for master and doctoral degree programs	23 October 2015 valid for 5 years
Japan	Tokyo University of Agriculture and Technology (TUAT) Japan	MOU		Signed 16 Oct. 2015 valid for 5 years
Sri Lanka	General Sir John Kotelawala Defence University	MOU		10 November 2015 valid for 3 years
Norway	Amendment No. 2 – Norwegian Ministry of Foreign Affairs (NMFA)	Amendment	Additional contribution of NMFA for education and training for Myanmar candidates	02 December 2015 valid for 2 years
Hungary	Szechenyi Istvan University (SIU)	Inter–Institutional Agreement	Erasmus+ Exchange Grant 2015–2017	16 October 2015 valid for 2 years
India	Indian Institute for Human Settlements (IIHS), India	MOU		02 December 2015 valid for 3 years
Pakistan	Irrigation Department, Govt of the Sindh	MOU		07 December 2015 valid for 5 years

PROMOTIONAL ACTIVITIES 2015

JANUARY

➤ Visit Rangsit University (RSU)

Discussed updates on AIT–RSU Unified Bachelor–Master Degree Program, and seek assistance on promoting AIT Open House 2015.

➤ Royal River Hotel – GAO 2015

AIT promotion booth for GAO 2015 organized by Tum. Civil.com on 24 January 2015, Royal River Bangkok Hotel. Estimated 550 engineers from all over Thailand and Laos joined the seminar.

➤ MUIC Study Abroad Fair 2015

AIT promotional booth for MUIC Study Abroad Fair 2015 organized by Mahidol University International College held on 29 January 2015, Salaya Campus.

FEBRUARY

➤ Open House 2015

One–hundred–and–thirty (130) aspirants savored life at the Asian Institute of Technology (AIT) for a day at the Open House organized on 6 February 2015.

MARCH

- China Promotional trip during 15–18 March 2015, in Guizhou province, P.R.China. Visited 3 universities, namely Guizhou Normal University, Guizhou University, and Guizhou Institute of Technology.
- Chiang Mai event during 25 March 2015. Students are from Faculty of Engineering, Social Science, and Management.

APRIL

- Trip to Songkhla University on 8 April 2015
- Visit to Thailand International Development Cooperation Agency (TICA) to meet Deputy Secretary-General and update TICA on AIT courses on 17 April 2015.
- Visit the Governor of Pathumthani, led by Dr. Subin Pin-kayan and Prof. Worsak Kanoknuk on 22 April 2015

MAY

- A China Task Force was set up and had its first meeting on May 14, 2015. The purpose is to promote AIT and build a strong partnership with potential partners in China.

JUNE

- AIT high level delegates courtesy visit to PEA.
- Thailand International Education Fair 2015 (TIEF 2015) held on 12–14 June 2015 at Central World Shopping Mall, Bangkok

JULY

- Participation in Regional Forum for Climate Change (RFCC) held in AIT on 1–3 July 2015.
- Bangkok Career Education Expo 2015 on 3–4 July 2015 at Grand Ballroom, Zone A, Sirikit National Convention Center

AUGUST

- AIT President Prof. Worsak Kanok-Nukulchai led an AIT delegation to China in early August and met with senior officials from the government, universities, research institutions and international organizations during a week-long visit. Four agreements were signed with Guizhou Provincial Education Department, Guizhou Vocational and Technical College (GVTC), Guizhou Institute of Technology (GIT), and the Nanjing Institute of Rail Technology (NIRT) respectively.
- Public Relations Department of Thailand held a mobile exhibition on “The Philosophy of Sufficiency Economy” at the AIT Conference Center on Wednesday, 26 August 2015 from 13.30–15.30 hours. The event included a Thai cultural performance by Ritthinarongron School and the mobile exhibition.

SEPTEMBER

- On 24th September 2015, ERCO facilitated the visit to Panyapiwat Institute of Management (PIM) with students from Shri Ramswaroop Memorial University (SRMU), Lucknow, India who participated in the Education Camp & Study Tour organized by AIT during 17–30 September 2015.
- On 29th September 2015, ERCO facilitated the visit to Panyapiwat Institute of Management (PIM) with the University of Boras for the student exchange of students between the two universities, and possibility of linking research work with AIT. The MOU between PIM and UB is to be signed.

NOVEMBER

- OCSC International Education Expo at 5th Paragon Hall, Siam Paragon during 14–15 November 2015. OCSC Expo is the largest international education exhibition in Thailand. It is organized by Office of the Civil Service Commission (OCSC). With its objectives of the OCSC Expo are to provide accurate and first-hand information for Thai students who are interested in studying abroad, as well as, to facilitate Royal Thai Government Scholars.
- Chulachomklao Royal Military Academy (CRMA) Exhibition on 17 November 2015, Nakhon Nayok. Her Royal Highness Maha Chakri Sirindorn visited the AIT booth at the exhibition organized by the Chulachomklao Royal Military Academy (CRMA) on 17 November 2015. The Princess also bestowed a token of appreciation to AIT for participating in the event and showcasing five research projects at the exhibition.
- OpenHouse2015 on 20 November 2015. Prospective students, their families and friends can visit AIT, and its three Schools, School of Engineering and Technology (SET), School of Environment, Resources and Development (SERD), and School of Management (SOM) to inquire about admission requirements, scholarships and fellowships, and any other queries about academics, research, and life at AIT.
- Joined SERD faculty for promotion trips at Thammasat University on 18 and 19 November 2015.

DECEMBER

- AIT Graduation Ceremony: Facilitation, arrangement and coordination for the 124th AIT Graduation Ceremony held at AITCC on 16th December 2015.

PROMINENT VISITORS TO AIT

COUNTRY	DATE	UNIVERSITY/ INSTITUTION/ ORGANIZATION	VISITORS NAME	PURPOSE
India	5 Jan 2015	SHE Foundation	1. Dr. Divya Sunitha Raj 2. Dr. Raj	Accompanying the 1st batch of Unified Program (55) students
Thailand	7 Jan 2015	Thailand National Defence College (NDC)	1. Lt.Gen. Surasith Thanadthang, Director Thai NDC et.al.	To discuss details of draft MOU and planning of proposed Strategic Leadership Course
Indian Embassy to Thailand	15 Jan 2015	Indian Ambassador to Thailand	1. H. E. Mr. Harsh Vardhan Shringla	Welcoming the 55 students, first batch of Unified Program from JNTUK India
Thailand	22 Jan 2015	Thailand National Defence College (NDC)	1. Lt.Gen.Surasith Thanadthang , Director of Thailand NDC 2. Lt.Gen.Thiva Penkiatkorn, Senior Advisor to Thailand NDC 3. Col.Saksith Sangchanin, Thailand NDC 4. Col Prakasit Thesvisarn, Lecturer, NDC 5. Col. Noppadol Mangkladhon, 57th Batch of NDC student 6. Brig Gen Rajpal Punia, 57th Batch of NDC student (India) 7. Col Laut (E) Angkasa Dipua, 57th Batch of NDC student (Indonesia) 8. Brig Gen Datuk Hj Romlee Bin Yahaya 57th Batch of NDC student (Malaysia) 9. Col Vu Minh Nhat, 57th Batch of NDC student (Vietnam) 10. Col Antongan Simatupang 57th Batch of NDC student (Indonesia) 11. Cdr.Prapob Boonniyom NDC, Thailand	To learn about the mission, roles of AIT in ASEAN
Australia Embassy Bangkok	2 Feb 2015	Australian Ambassador to Thailand	1. H.E. Mr Paul Robilliard, Australian Ambassador to the Kingdom of Thailand	Courtesy visit
Bangladesh Embassy Bangkok	3 Feb 2015	Bangladesh Ambassador to Thailand	1. H.E. Ms. Saida Muna Tasneem, Ambassador Extraordinary & Plenipotentiary	introduction to AIT and possible areas of collaboration
Thailand	6 Feb 2015	Thai National Defence College (NDC)	1. Gen.Charun Kullawanich, President of the Association 2. Mr. Pratak Simapichaichet, President of Academic Affairs 3. Gen.Dr.Marut, Patchotasingha Curriculum Director 4. Gen.Pongsathorn, Chaikamnerd Curriculum Vice Director 5. 130 students of NDC	To expose students to an International Education Institute and to learn about AIT
Uzbekistan	13 Feb 15	Uzbekistan	1. Mr. Sherzod Soatov, Vice-Consul, 2. Mr. Murad Talipov, Chief of Chancery 3. Mr. Worachit, Secretary to Consulate General.	To learn about AIT and explore possible areas of collaboration

COUNTRY	DATE	UNIVERSITY/ INSTITUTION/ ORGANIZATION	VISITORS NAME	PURPOSE
Austria	10 Mar 2015	Austrian Institute of Technology (AIT)	1. Mr. Stephan Spazier, Commercial Attaché, Austrian Embassy in Thailand 2. Ms. Sandra Schneider, International Business Devt, AIT	Intro to AIT and possible areas of collaboration
Myanmar	6 April 2015	United Network Management and Business Center UNMBC	1. Mr. Aung Myo Thaik, Managing Director	Donation Ceremony for Library Modernization and Financial Support to Mr. Myint Naing PhD student
Myanmar	6 April 2015	Ministry of Construction	1. Mr. U Win Maung, Ambassador Extraordinary and Plenipotentiary of the Republic of the Union of Myanmar to the Kingdom 2. Mr. Kyaw Linn, Director General, Ministry of Construction 3. Ms. Aye Aye Aung, First Secretary Myanmar Embassy, 4. Mr. Win Pe, Ministry of Construction, 5. Mr. Win Tint of Ministry of Construction, 6. Mr. Myint Naing, Union Construction, Minister's Office 7. Mr. Aung Myo Thaik, Managing Director	MOA signing
UNEP	28 April 2015	Climate Technology Centre and Network	1. Mr. Jukka Uosukainen, Director	Present AIT's activities related to climate change research
Japan	4 May 2015	The Japan Aerospace Exploration Agency (JAXA)	1. Mr. Masanobu Tsuji, Director JAXA	Courtesy call on AIT President
Myanmar	8 May 2015	Green Economy Green Growth (GEGG)	1. Prof. Nay Htun, Founder and Hon. Patron	Introduction to GEGG and ongoing activities in Myanmar as well as learn more about AIT and our initiatives on Green Growth and Climate Change.
Thailand	3 June 2015	TEAM Group	1. Dr. Prasert Patramai, CEO	MOU signing and Conduct Technical Exchange Seminar 2015
Australia	4 June 2015	Australian Centre for International Agricultural Research (ACIAR)	1. David Shearer, General Manager, Corporate, ACIAR 2. 20-member delegation	to expand their research links with the AIT
Thailand	10 June 2015	Provincial Electricity Authority (PEA)	1. Mr. Sermakool Klaikaw, governor PEA 2. Mr. Tawin Pliansri, Executive Board of Director	To discuss on the renewal of the MOU which has already expired in 2012, and possible cooperation in development of human resource of PEA. The contribution to AIT library was also discussed.
Hungary	23 June 2015	Embassy of Hungary	1. H. E. Dr. Peter JAKAB, Ambassador Extraordinary and Plenipotentiary, The Embassy of Hungary, Thailand 2.	To discuss the possibility of Hungary to be included as one of the countries on the council or board

COUNTRY	DATE	UNIVERSITY/ INSTITUTION/ ORGANIZATION	VISITORS NAME	PURPOSE
Nepal	29 June 2015	International Center for Integrated Mountain Development (ICIMOD)	1. Mr. Basanta Raj Shrestha, Director of Strategic Cooperation, ICIMOD	Talk by AIT Alumnus Mr. Basanta Raj Shrestha: "Nepal Earthquake 2015: Information Debris – Making Sense of it All"
China	15 July 2015	China Scholarship Council CSC	1. Ms. Liu Jinghui, Sec. General 2. Mr. Li Yangguang, Director 3. Ms. Li Xin, Deputy Director	Courtesy visit to AIT President and discuss further cooperation
Japan	16 July 2015	Kyi Co. Ltd	1. Mr. Masayuki Kobayashi, CEO	MOA signing ceremony
Mexico	17 July 2015	Juarez Autonomous University of Tabasco (UJAT)	1. Dr. Jose Manuel Pina Gutierrez, Rector 2. M.C. Rosa Martha Padron Lopez, Director of Biological Science Division (BSD) 3. Dr. Carlos Alfonso Alvarez Conzaley, Coordinator of Investigation and Postgraduate, BSD 4. Dr. Jeane Rimber Indy, Professor, BSD 5. M.C. Heradia Pascual Cornelio, Professor, BSD	MoU signing ceremony
Thailand	23 July 2015	Thailand's National Defence College (NDC)	1. Gen. Suraphan Wongthai, Commandant of NDSI	MOU signing, the agreement aims to link AIT and NDC in academic, resources and social activities
Indonesia	14 Aug 2015	Indonesian Agency for Agricultural research and Development (IAARD), Indonesia	1. Dr. Agung Hendriadi, Executive Secretary IAARD 2. Mr. Djoko Purnomo, Head HRD 3. Mr. Marhendro, Head General Affair	i) to follow up regarding their plan to send IAARD researchers to AIT for master's and doctoral programs and ii) to discuss about the draft MoA between AIT and IAARD
Taiwan	18 Aug 2015	Taiwan Officials	1. Mr. Kelly Chun-Fang Huang, Section Chief, Executive Yuan ROC 2. Ms. Christina Chzu-Ju, Executive Officer, Executive Yuan ROC 3. Mr. Charn Tanaprakob, Secretary, Taipei Economics and cultural Office, Bangkok	To learn more about AIT, exchange ideas on HRD to explore possibilities of receiving students from ROC
India	19 Aug 2015	Uddaraju Ananda Raju Foundation (UARF), India	1. Mr. U K Viswanadha Raju, Managing Trustee UARF 2. Prof. C Mohankumar Nair, Senior Adviser, Ananda Group 3. Mr. U Ramakrishna Raju, Director, Ananda Group 4. Mr. C Ranga Nadha Raju, Director, Godavari Mega Aqua Food Park	MOU signing
China	20 Aug 2015	Zhejiang University ZJU China	1. ZHOU Guping Professor and Vice President, Zhejiang 2. CHEN Hongyu Director, General Office of College of 3. KAN Yue Associate Professor & Assistant Dean, 4. And 21 students	MOU signing and allow students to have a chance to learn more about AIT and partner university.

COUNTRY	DATE	UNIVERSITY/ INSTITUTION/ ORGANIZATION	VISITORS NAME	PURPOSE
India	21 Aug 2015	OP Jindal Global University (OPJGU) India	1. Dr. Sanjeev P Sahni, Principal Director JIBS 2. Lt.Gen (retd) Rajesh Koehhar, Director OPJGU 3. Ramesh Kumar, Local Liaison Officer, OPJGU	MOU signing
Australia	28 Aug 2015	University of Wollongong, Australia	1. Prof. Buddhima Indraratna, Ph.D., Professor of Civil Engineering, and a Research Director UW	Research Seminar: "Advancement of Railway Infrastructure Higher Speeds and Greater Loads"
Australia	28 Aug 2015	Austrade, Australian Embassy in Thailand	1. Mr Ben Giles, Trade Commissioner 2. Ms Busarin Sinthunavarat, Education Manager 3. Ms Acharaporn Suddhachitta, Business Development Manager	to discuss possible areas of collaboration with Austrade and other Australian industries
Cambodia	2 Sept 2015	Ministry of Education, Youth and Sport and leading Cambodia Educational Institutions (25)	1. H.E. Mak Ngoy, Director General of Higher Education, Ministry of Education, Youth and Sport (Head of Delegation)	Seminar and Study Visit Program of Education Quality Management, Monitoring and Evaluation.
Sri Lanka	7 Sept 2015	Sir John Kotalawala Defense University (KDU)	1. Major General MP Peiris RWP RSP OSP ndc psc, Vice Chancellor, KDU 2. Dr. AH Lakmal, Dean, Faculty of Built Environment and Spatial Sciences, KDU	To explore possible areas of collaboration in GIS, Remote Sensing and Management.
Myanmar	9 Sept 2015	Myanma Computer Co. Training Institute (MCCI)	1. Mr. Tin Win Aung, Chairman, MCC Group	MOU signing
Spain	13 Sept 2015	CDTI (Spain's National Innovation Agency) for the Southeast Asian region	1. Mr. José Luis Navales, Economic and Commercial Counsellor of the Embassy of Spain in Bangkok 2. Mr. Adrián Gutiérrez, Chief Representative of CDTI (Spain's National Innovation Agency) in India & Southeast Asia 3. Ms. Alba Morón, CDTI intern at the Economic and Commercial Office of the Embassy of Spain in Bangkok	To gain first-hand insight on the activities and strengths of AIT and explore possible ways of collaboration between institutions.. Focus of interest: Information and Communication Technologies (ICT); Food, Agriculture and Bio Systems (FABS) and Energy
Sudan	16 Sept 2015	Public Health Institute (PHI), Sudan	1. Dr. Abdalla S. Ahmed Osman, PHI Director 2. Dr. Haitham Bashir Abbas, Director Teaching and Learning 3. Dr. Shahad A. M. Osman, Quality Department	MOU signing
India	21 Sept 2015	Assam don Bosco University (ADBU)	1. Fr. Dr. Stephen Mavelly, Vice Chancellor Assam Don Bosco University, India 2. Dr. Sunandan Baruah, Assoc. Prof., Head, Dept. of ECE, College of Engineering & Technology, DBU	MOA signing for Unified Bachelor–Master Degree Program

COUNTRY	DATE	UNIVERSITY/ INSTITUTION/ ORGANIZATION	VISITORS NAME	PURPOSE
Nepal	29 Sept 2015	Nepal Embassy to Thailand	1. H.E. Mr. Khaga Nath Adhikari, Ambassador of Nepal to Thailand	Courtesy call on AIT President and to learn more about AIT and its activities and also meet faculty members, senior staffs and students from Nepal
Norway	29 Sept 2015	Norwegian Ministry of Foreign Affairs (NMFA)	1. Mr. Vegard Holmelid, Minister Counsellor 2. Dr. Chatri Moonstan, Senior Programme Officer 3. Ms. Tu An Ngo, Trainee	Annual consultation meeting is to review the activities of the Norwegian-AIT Cooperation in 2014 and progress in 2015.
India	26 October 2015	National Institute of Technology (NIT) Manipur	1. Dr. S. Birendra Singh, Director, NIT Manipur	to initiate a potential partnership with AIT
Germany	30 October 2015	Heidelberg University, Germany	1. Dr. Winckler, HGS Administrative Director, MathComp, Heidelberg University	Enhancing existing networks between local and European partners. To promote Heidelberg and IWR as a place of research and offer visiting programs especially for young scientists and administrative staff.
Belgium	30 October 2015	Office of Science and Technology, Royal Thai Embassy, Brussels, Belgium	1. Dr. Manop Sittidech, Minister Counsellor / Director, Office of Science and Technology, Royal Thai Embassy, Brussels, Belgium 2. Dr. Pierrick Fillon-Ashida, Senior Policy Officer, Directorate for International Affairs/ Asia Unit	To discuss EU-ASEAN collaboration related to Mekong Water Sustainable Cities 1. Role of AIT in national projects, with ADB and other ASEAN countries etc. 2. Specific topics to focus on, an interest in the H2020 upcoming Calls 3. EU countries bilateral cooperation to be reinforced via EU programs
Sweden	2 Nov 2015	Jonkoping University	1. Dr. Anita Hansbo, President of Jonkoping University 2. Dr. Mats Jagstam, Dean School of Engineering 3. Dr. Magnus Granstrom, Associate Dean of Research, School of Engineering 4. Dr. Anders Jarfors, Professor Materials & Manufacturing, School of Engineering 5. Dr. Kent Salomonsson, Associate Professor, Simulation and Optimization, School of Engineering 6. Dr. Roy Andersson, Associate Professor, Industrial Engineering	To initiate an institute-level collaboration with AIT on research and student exchange program at master and doctoral levels. In addition, Jönköping has shown much interest in launching a special degree program with AIT, especially unified bachelor-master's program.

COUNTRY	DATE	UNIVERSITY/ INSTITUTION/ ORGANIZATION	VISITORS NAME	PURPOSE
Japan	6 Nov 2015	IDEA Consultants Inc., Japan	<ol style="list-style-type: none"> 1. Mr. Hideo Tabata, Chairman & CEO 2. Mr. Toru Matsumura, Director, Global Business Headquarter 3. Mr. Akihisa Tabata, Member of the Board, Head of Corporate Planning headquarters 4. Mr. Katsuya Shimada, Corporate Officer Acting Director of Laboratory Institute of Environmental Informatics 5. Mr. Ikuro Mitsumoto, Acting Operating Director Overseas Projects Department 	The main objective of the visit is to have a courtesy meeting with the President and also check the space availability for IDEA laboratory.
Switzerland	6 Nov 2015	International Commission on Large Dams (ICOLD)	<ol style="list-style-type: none"> 1. Dr. Martin Wieland, Chairman of the Committee on Seismic Aspects of Dam Design, ICOLD 	To conduct 3rd Distinguished Adjunct Faculty (DAF) Seminar entitled "SUSTAINABLE STORAGE DAMS AND EARTHQUAKE SAFETY OF DAMS".
USA/India	11 Nov 2015	Institute of International Education (IIE)	<ol style="list-style-type: none"> 1. Dr. P.J.Lavakare –Senior Adviser in India, Institute of International Education (IIE– New York/ India); 2. Dr. Sheela Lavakare –former faculty member, Management Development Institute, Delhi (India) 3. Dr. Jonathan Lembright, IIE's Regional Director for Southeast Asia based in Bangkok 	The objective of the meeting is to introduce AIT and learn about the global activities of IIE and their Scholarship Programs from representatives of IIE, USA/India and Bangkok Regional Offices. Interaction with Fulbright Scholars at AIT.
Malaysia	01 Dec 2015	Universiti Tun Hussein Onn Malaysia (UTHM)	<ol style="list-style-type: none"> 1. Professor Datuk Dr. Mohd Noh Dalimin (Vice Chancellor) 2. Assoc. Prof. Dr. David Martin (Dean, Faculty of Technology Management & Business, UTHM) 3. Dr. Mohd Lizam Mohd Diah (Deputy Dean) 4. Dr. Shafie Mohamed Zabri (Head of Dept.) 	To discuss further activities on joint degree, student exchange and mobility, internationalization and research related collaboration between UTHM and AIT.
USA	07 Dec 2015	University of Toledo, OH, USA	<ol style="list-style-type: none"> 1. Prof. Abdellah Afjeh, Chairman Mechanical Industrial & Manufacturing Engineering (MIME) 	Unified Program discussions on program details with Industrial and Manufacturing Engineering (IME)

PARTNERS IN 2015

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)
- + Irrigation Department, Government of the Sindh

Philippines

- + Department of Science and Technology (DOST)

Sri Lanka

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

Sudan

- + Public Health Institute (PHI)

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
- + National Science and Technology Development Agency
- + The Pollution Control Department
- + Office of Higher Education Commission (OHEC)
- + Mass Rapid Transit Authority (MRTA) of Thailand
- + Asian Water Academy (AWA)
- + Thai National Defence College (NDC)
- + Military Research and Development Center (MRDC),
- + Defense Science and Technology Dept.

Vietnam

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

HIGHER EDUCATION AND RESEARCH INSTITUTIONS

Afghanistan

- + Kandahar University

Austria

- + Universitaet Klagenfurt
- + Murdoch University

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)
- + Nanjing Institute of Railway Technology (NIRT)
- + Guizhou Provincial Department of Education
- + Guizhou Institute of Technology (GIT)
- + Zhejiang University (ZJU)
- + Guiyang Vocational Technical College (GVTC)

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 Supérieure 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)

Hungary

- + Szechenyi Istvan University (SIU)

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 Institute of Engineering
- + PSG Institute of Advanced Studies
- + Sam Higginbottom Institute of Agriculture, Technology & Sciences (SHIATS) – Deemed University
- + Shivaji University (SU)
- + Sri Jayachamarajendra College of Engineering, Mysore
- + T.A.Pai Management Institute (TAPMI)
- + TempleCity Institute of Technology and Engineering
- + TERI University
- + Vishwakarma School of International Studies
- + Vishwakarma Institute of Technology
- + Indian Institute of Management Kozhikode (IIMK)
- + Assam Don Bosco University (DBU)
- + College of Agriculture Baramati and Mahatma Phule Krishi Vidyapeeth CAB–MPKV
- + Universiti Teknologi MARA (UiTM)
- + Uddaraju Ananda Raju Foundation (UARF)
- + OP Jindal Global University (OPJGU)
- + Indian Institute for Human Settlements (IIHS)

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
- + Tokyo University of Agriculture and Technology (TUAT)

Kazakhstan

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

Kenya

- + Multimedia University College

Malaysia

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

Mexico

- + Juarez Autonomous University of Tabasco (UJAT)

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 (BUITEMS)
- + Government College University, Lahore (GCU, Lahore)
- + Lahore College for Women University
- + Mehran University of Engineering and Technology, Jamshoro
- + National University of Sciences & Technology, Islamabad
- + NED University of Engineering and Technology, Karachi
- + Sukkur Institute of Business Administration

- + The University of Faisalabad
- + University of Engineering & Technology, Lahore
- + University of Engineering & Technology, Taxila
- + University of Veterinary and Animal Sciences (UVAS),
- + Pakistan Institute of Management (PIM)
- + National University of Sciences and Technology (NUST)

Philippines

- + Mindanao Polytechnic State College
- + University of the Cordilleras

Portugal

- + Universidade de Minho

South 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)

Spain

- + Universitat Politècnica de Catalunya
- + Escuela de Alta Dirección y Administración (EADA), Barcelona

Sri Lanka

- + International College of Business and Technology (ICBT), a member of Ceylinco Consolidated
- + South Asian Institute of Technology and Management (SAIT)

- + University of Vocational Technology
- + Uva Wellasa University (UWU)
- + General Sir John Kotelawala Defence University

Sweden

- + KTH, Kungliga Tekniska högskolan
- + The University of Kalmar
- + University of Borås
- + Jönköping University

Switzerland

- + National Centre of Competence in Research North-South (NCCR N-S), Center for Development and Environment, University of Berne Steigerhubelstrasse 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)
- + Royal Melbourne Institute of Technology RMIT

Bangladesh

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

Cambodia

- + Cambodian Institute for Research and Devt CIRD

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
- + Centre de cooperation Internationale en Recherche Agronomique pour le Development (CIRAD)

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
- + Kyl Co. Ltd. Japan

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.
- + 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)
- + TEAM Group of Companies Co., Ltd.
- + 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)
- + Food Agriculture Organization (FAO)

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

Philippines

- + Asian Development Bank

Tanzania

- + The Global Horticulture Initiative (GlobalHort)

Thailand

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