



H.E. Dr. Subin Pinkayan (left) and Prof. Worsak Kanok-Nukulchai.

Positioning AIT : President Worsak presents midterm accomplishments and a vision for the future

Besides establishing collaborations with many new public and private entities in Thailand, AIT has reassumed its traditional role in the international arena. In the first half of 2016 alone, AIT entered into 31 Institute-level partnerships representing 20 countries, besides strengthening its partnership with China.

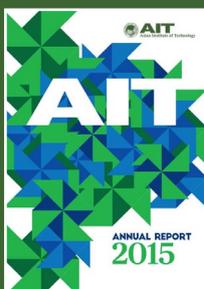
Presenting his Midterm Report before the AIT Board of Trustees on 14 July 2016, President Prof. Worsak Kanok-Nukulchai not only highlighted the Institute’s achievements, but also presented his vision for the next two years. “For my remaining two years as President, I wish to start exploring the future positioning of AIT,” Prof. Worsak said. “If AIT can position itself based on this exclusive uniqueness, we can rightfully take

full advantage of the blue ocean, i.e., an uncontested market space,” he said.

AIT should position itself as a leading ‘global research institute for mankind,’ thus providing a rare opportunity for its international students to be exposed to universal issues and emerge as true global citizens. ”AIT must offer itself as a neutral platform for international scholars to share their experiences where they learn from each other and work together in the interest of the region and the whole world,” Prof. Worsak remarked.

Read the Mid-Term Report at this link:
<http://goo.gl/ikIz0N>

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12 NEW AIT INITIATIVES: 2014 - 2016

(Adapted from AIT President's presentation. Download link: <http://goo.gl/QEtuJt>)

QS World University Rankings by Subject 2015
Asian Institute of Technology Thailand

- 4 QS Stars
- #240 QS World University Rankings by Subject (Engineering and Technology)
- #151-200 QS World University Rankings by Subject (Environmental Studies)
- #151-200 QS World University Rankings by Subject (Engineering, Civil and Struct.)
- #251-300 QS World University Rankings by Subject (Engineering, Electrical and E.)
- #301-400 QS World University Rankings by Subject (Computer Science and Inform.)

International Orientation Rankings: Institutional

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

Excellent Research Areas Based on TRF Rating.

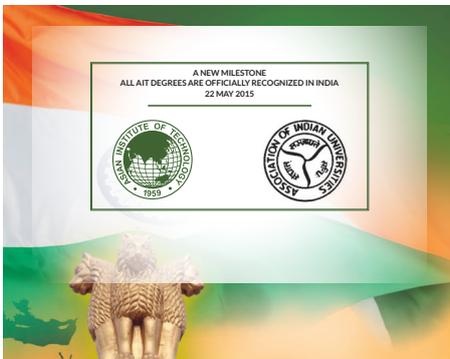
University / Disciplines	TRF Rating
1. Asian Institute of Technology (AIT)	
1 Civil Engineering	5
2 Manufacturing Systems Engineering	5
3 Energy Technology & Management	5
4 Environment Engng. Tech & Management	5
5 Information Technology, Computer Engng	5
2. Chulalongkorn University (CU)	
1 Chemical & Bio Chemical Engng & Tech	5

HISTORIC PENETRATION IN WORLD UNIVERSITY RANKINGS



CLIMATE CHANGE: AIT PLAYED A SIGNIFICANT ROLE IN COP21

AIT RANKS AT THE TOP IN INTERNATIONAL ORIENTATION



AIT DEGREE RECOGNISED IN INDIA FOR THE FIRST TIME

AIT IS TOP RESEARCH INSTITUTE IN THAILAND: THAI RESEARCH FUND ANNOUNCEMENT IN 2016



INNOVATIVE INTEGRATED BACHELOR-MASTER PROGRAM PURSUED



STRENGTHENING LOCAL PARTNERSHIPS



EMBARKED ON INDUSTRIAL FUNDING



REACHING OUT TO FORMER FACULTY MEMBERS

LIBRARY MODERNIZATION: FIRST SUCCESSFUL FUND-RAISING CAMPAIGN IN AIT HISTORY

Donor	Number	%	Amount (THB)
Members of AIT Hall of Fame / Board of Trustees	19	6.7	5,332,535
Organizations/Corporates	40	57.9	45,926,100
Former faculty/staff	26	1.4	1,088,849
Present AIT faculty/staff/students	19	2.6	2,041,700
Alumni Chapter/Groups	15	6.1	4,816,177
Individual Alumni	105	16.4	12,935,624
Individuals / friends of AIT	3	0.1	80,000
Donations under 15,000 THB	434	8.9	7,036,023
Total	661	100	79,317,008



FIRST CAMPUS BACKBONE OVERHAUL IN 45 YEARS

Final Shares of 50% Institute Surplus for Capital Funds

No.	RC	Net Surplus	Eligible for Capital Fund		Capital Fund Balance (50% Surplus)
			Plus Contribution	% Share	
RC1	SET	17.9	17.9	32.0%	8.637
RC2	SERD	(0.4)			
RC3	SOM	7.7	7.7	13.7%	3.697
RC4	Language Center	(1.4)			
RC5	AIT Extension	16.2	16.2	29.1%	7.843
RC6	AIT Consulting	8.3	8.3	14.9%	4.024
RC7	AIT International School	1.7	1.7	3.1%	0.841
RC8	Inter-Lab	(0.1)			
RC9	Other Outreach Units*	2.8	2.8	4.9%	1.334
RC10	Auxiliary Service (OFAM)	1.3	1.3	2.3%	0.609
AIT Operation Total		53.9	53.8	100.0%	26.985

DECENTRALIZATION OF EQUIPMENT FUND TO AIT SCHOOLS

61 graduate at informal inter-semester graduation



SIXTY-ONE students were awarded degrees at the informal inter-semester graduation ceremony organized at AIT on 27 July 2016. Held two months after AIT’s 125th Graduation ceremony, this informal event saw six doctoral, 43 Master’s and 12 Bachelor’s degrees being awarded.

Graduating students came from 10 countries — India, Indonesia, Iran, Myanmar, Nepal, Pakistan, PR China, Sri Lanka, Thailand, and Vietnam. Forty-two graduates came from AIT’s School of Engineering and Technology (SET); 16 came from the School of Environment, Resources and Development (SERD); two from the School of Management (SOM); and one from a joint SERD-SOM program. Speaking on behalf of the AIT President, Prof. Kazuo Yamamoto, Vice President for Administration (VPA) described AIT as a global village that produces future leaders.

Fifteen Years of Disaster Relief from Space: AIT in the prestigious “Science” journal

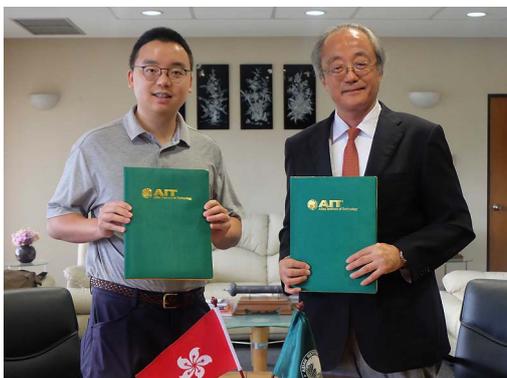
Till a few years ago, very few specialists were working on the analysis and use of satellite images. However, for the past 15 years, a niche area has developed of those experts who are using satellite data for disaster management. Tracking these developments over the past decade and a half is an article titled “Global trends in satellite-based emergency mapping,” published in the latest issue of the prestigious Science Journal (15 July 2016).



Cover page of Science.

Among the authors is a scientist from AIT, Dr. Manzul Kumar Hazarika, who serves as Director (Project Operations) at AIT’s Geoinformatics Center (GIC). In this paper, more than 1000 major disaster situations from 2000-2014 were analyzed where satellite monitoring was employed. An international team of 17 experts from leading space organizations and research institutions analyzed the historical development of satellite-based emergency mapping, and presented global patterns alongside historic and emerging trends in this field.

AIT inks 10.8 Mil. THB nanotechnology partnership



Mr. Franklin Hung (left) and Prof. Kazuo Yamamoto

AIT on 21 July 2016 entered into a Memorandum of Agreement with Ideal Fastener Asia, Ltd., Hong Kong, for a Thai Baht 10.8 Mil (THB) three-year program titled ‘Enhancement of Industrial Fastener Coating Processes by Application of Nanotechnology.’

Ideal Fastener Asia Ltd., CEO Mr. Franklin Hung signed the MoA with AIT Vice President for Administration Prof. Kazuo Yamamoto. A total of 10,899,020 THB will be provided by the company to support two Master’s scholarships and one Doctoral scholarship, as well as to fund laboratory supplies and instrumentation and equipment at the AIT Center of Excellence in Nanotechnology for nanotechnology research and development.

Workshop on Disaster Resilience Education Capacity Building



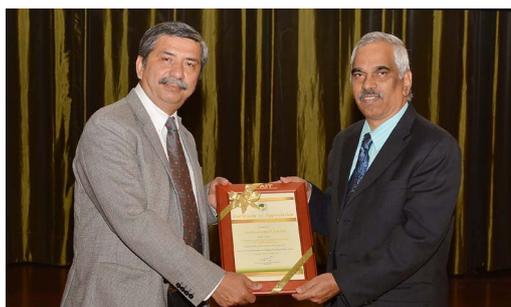
Workshop in progress at AIT.

A galaxy of experts spoke about the importance of creating disaster resilience capacity in Southeast Asia during a workshop organized at AIT on 21 July 2016. The Disaster Preparedness, Mitigation and Management (DPMM) program at AIT is a partner in the project ‘Disaster Resilience Education Capacity Building in Southeast Asia’ with University of Newcastle, Australia, under the Australia ASEAN Council (AAC) grant.

Experts who spoke at the workshop included Dr. Waheed Uddin of University of Mississippi; Mr. Arun Pinta of Department of Disaster Prevention and Management, Thailand; Mr. Chaiwat Prechawit of Panya Consultants Co., Ltd, Thailand; Dr. Temchit Chantaka of

National Institute for Development of Teacher, Faculty Staff and Educational Personnel (NIDTEP), Thai Ministry of Education (Local Government); Dr. Jamie Mackee of University of Newcastle, Australia; and Dr. Indrajit Pal of AIT.

Transitioning towards a sustainable bioeconomy



Prof. Sudip K Rakshit (left) with Prof. Sivanappan Kumar.

Ever since the commencement of the Oil Age 150 years ago, the world has witnessed many “Black Swan” events leading to unpredictable oil prices. This signals a need to focus on sustainable bioeconomy with a renewed emphasis on innovation.

Tracing the historical perspective on the development of biorefining research and recent challenges in bioeconomy was Prof. Sudip K Rakshit, who delivered the Fifth Distinguished Adjunct Faculty (DAF) Seminar at AIT on 6 July 2016. Prof. Rakshit, who served AIT as Vice President for Research (2005-2012), spoke of the policy-technology interface stating that bioethanol production in

Canada witnessed a major increase from 2005 when the government made it mandatory to mix alcohol with petrol. He anticipated that in the coming times, paper mills in Canada will move towards becoming energy producing centers.

JICA visits AIT, explores future collaboration



JICA team visits AIT labs.

Japan International Cooperation Agency (JICA) is expanding in Thailand, and will focus on human resource development in the field of engineering and science. Visiting AIT on 14 July 2016, a three-member JICA delegation explored AIT’s expertise and offerings, and hoped that the two organizations can work toward human resource development in the region.

Chief Representative of JICA in Thailand, Mr. Hiroo Tanaka stated that JICA is concentrating on the transportation sector, particularly on high-speed railways. Mr. Tanaka was accompanied by Mr. Yojiro Miyashita, Representative from JICA, and Mr. Masanori Takenaka, Senior Program Officer.

Surendra Shrestha joins as new Vice President for Development



Mr. Surendra Shrestha

Mr. Surendra Shrestha has joined AIT as the new Vice President for Development (VPD) with effect from 1 July 2016. Earlier, his appointment as VPD was endorsed by the AIT Board of Trustees at its meeting held on 18 February 2016.

An AIT alumnus, Mr. Shrestha completed his MSc. in Computer Applications (1979-80). Prior to

joining AIT, he was serving as Director of United Nations Environment Programme's International Environmental Technology Centre (UNEP IETC). He also delivered the distinguished alumni address on the occasion of AIT's 120th Graduation. Mr. Shrestha has served in management capacities in Africa, Asia, Europe and North America in the United Nations.

Dr. Jai Govind Singh promoted to the rank of Associate Professor



Dr. Jai Govind Singh

Dr. Jai Govind Singh has been promoted to the rank of Associate Professor in AIT's School of Environment, Resources and Development (SERD). Dr. Jai Govind Singh joined AIT as an Assistant Professor in December 2009, and his elevation follows positive recommendations of the Faculty Evaluation Panel (FEP) and the SERD Professorial Board.

Prior to working at AIT, he has served as a Postdoctoral Research Fellow at the University of Queensland, Brisbane, Australia (July 2009-October 2009), and as a Postdoctoral Research Associate at the Electric Power System Division of the Royal Institute of Technology-KTH, Sweden (April 2008-June 2009).

Dr. Singh obtained his Bachelor's in Electrical Engineering from Motilal Nehru National Institute of Technology, Allahabad, India in 2001; his Master's in Technology from the Indian Institute of Technology (IIT), Roorkee, India in 2003; and a Ph.D. from the Indian Institute of Technology (IIT), Kanpur, India in 2008.

Restructured AIT Administration

The AIT Central Administration has been reorganized and restructured. Effective 1 July 2016, the Institute also has a reconstituted AIT Management Team (AMT).

Announcing this, AIT President Prof. Worsak Kanok-Nukulchai said that five standing committees will aid and assist the AIT Management Team. The committees are: Finance and Resources Committee, Outreach Centers Committee, Development Committee, Research Committee, and IT Committee.

He also announced the implementation of a decentralized Responsibility Center Management (RCM), and creation of new Service Centers (SC). The existing Responsibility Centers (RC) which includes the three Schools and 12 Outreach RCs will remain untouched. More details are available at this link: <http://goo.gl/yp3nbm>

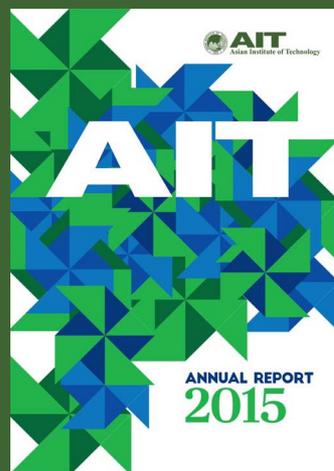
AIT Photo Folio (2014 - 2016)



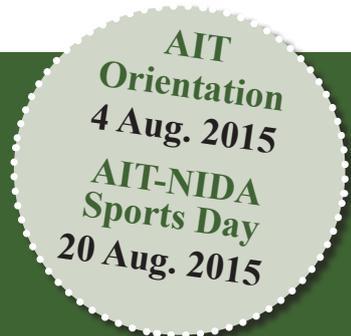
A Photo Folio of AIT events and accomplishments for the preceding two-year period has been released. It can be downloaded at this link: <http://goo.gl/YsIBVs>

News You Can Use

Annual Report 2015



The AIT Annual Report 2015 has been released. The 104-page report can be downloaded from this link: <http://goo.gl/5CTp6Y>



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