

E-NEWSLETTER

Department of Energy, Environment and Climate Change
School of Environment, Resources and Development
Asian Institute of Technology



May 2018
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Inside this issue:

Graduates testimonials	2
Workshop	2
BIIC@AIT Seminar	2
Doctoral Seminar	2
Department Visitors	3
Faculty Travel	3
Awards & Recognitions	4
Fellowships	4



EECC Alumnus Appointed Deputy Minister in Vietnam

Dang Hoang An, an alumnus of the Department of Energy, Environment and Climate Change has been appointed as Deputy Minister of Industry and Trade in Viet Nam.

Prior to his elevation as Minister, he was serving as General Director of Electricity

Vietnam (EVN). He was appointed by Prime Minister Nguyễn Xuân Phúc, and his elevation became effective from 15 May 2018.

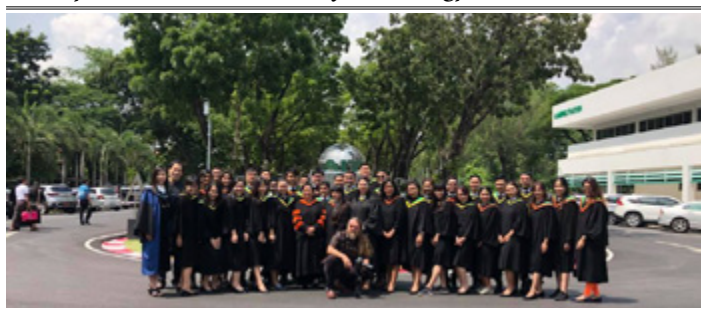
Dang Hoang An (spelt Đặng Hoàng An in Vietnamese) graduated with a Master's in Electric Power System

Management from AIT in 1997, and an MBA under the International Executive MBA Program in 2004. He obtained his Bachelor's in Electrical System Engineering from the University of Electrical Machines Plzen (Czech Republic) in 1988.

[Read more...](#)

AIT 129th Graduation Day

18 May 2018, Asian Institute of Technology



Asian Institute of Technology held its 129th graduation Ceremony on Friday 18 May 2018. A total of 53 students from 12 countries graduated from the Department of Energy, Environment and Climate Change.

12 were from Energy Program, 36 from Environmental Engineering and Management and 5 from Climate Change and Sustainable Development Program.

Mr. Bhavin Pradhan from Nepal was awarded the Yoshiro Takasaki Prize for Energy. His thesis title is Implications of Electric Mobility for Kathmandu Valley on Energy Demand, GHG Emissions and Analysis of Barrier. He worked under the supervision of Dr. Shobhakar Dhakal. Ms. Nguyen Nhat Ha Chi from Vietnam was awarded the Robert and Gunta Banks Prize for Environmental Engineering and Management.

Her thesis title is Assessment of Particulate Matter and Surface Ozone Air Quality and Associated Health Burdens in the Bangkok Metropolitan Region Using a Photochemical Grid Model. She was an advisee of Prof. Nguyen Thi Kim Oanh

The Chongrak Polprasert Prize for Environmental Engineering and Management (with specialization in Water and Wastewater Engineering) was awarded to Mr. Jakpong Moonkawin from Thailand. His thesis title is Remediation of Gypsiferous Mine Soils by Biological Sulfate Reduction Using Sugarcane Residues as Electron Donors. Prof. Ajit P. Annachhatre was his advisor.

The James A. Linen III Memorial Prize for Climate Change and Sustainable



Development was awarded to Mr. Tejas Shah from India. His thesis title is Puducherry's Emission Inventory Using Global Protocol for Community-Scale Greenhouse Gas Emission Inventories (GPC) and Future Emission Scenarios. He was also an advisee of Assoc. Prof. Dr. Shobhakar Dhakal.



What our graduates say..

“ I believe the most remarkable thing about AIT is its highly diverse student population, which provides me with daily exposure to a plethora of brilliant people and ideas. After two years at AIT, I feel my expectations are not only being met, but also surpassed.
Ms. Nguyen Nhat Ha Chi

“ Studying at AIT has been a wonderful and memorable experience for me. With its excellent faculty and up to date curricula, AIT not only makes you future-ready, but opens your eyes to a whole new world of endless possibilities.
Mr. Tejas Shah

“ The 2 years at AIT EECC were the best years of my life. It was a once in a lifetime opportunity to learn from world-renowned faculty and an excellent opportunity to polish research skills. The curriculum dives into solving the most pressing issues faced by the world. We didn't only learn about these problems, but also acquired the necessary skills and tools to tackle and solve these problems at AIT.
Mr. Bhavin Pradhan

Workshop on Technovation and Management of Organic Residues

Tuesday 15 May 2018, S101, SERD Meeting Room, AIT

A one day workshop on Technovation, and Management of Organic Residues was organised at the Department of Energy, Environment and Climate Change on Tuesday 15 May 2018.

AIT Vice President for Academic Affairs, Prof. Sivanappan Kumar graced the opening of the workshop.

“While treating the residues, it is important to consider the toxicity of the residues.” Prof. Ajit P. Annachhatre, one of the organising committee said in his opening presentation.

Researchers, faculty members and students from various universities including Chiang Mai University, Rajamangala University, Kasesart University, UNESCO-IHE Delf Institute

and Asian Institute of Technology attended the workshop. They presented on various topics from the origin and types to management and treatment of the organic residues.

The workshop was a joint event between Asian Institute of Technology and UNESCO-IHE Delf, The Netherlands. Prof. Eric Van Hullebusch, Faculty at



UNESCO-Delf Institute was one of the organising committee.

Seminar on Smart Buildings & a Smart City

25 May, 2018, ET108, Energy Building, Asian Institute of Technology

A seminar on Smart Buildings & A Smart City - Connected Community by Prof. Saifur Rahman was held on 25 May 2018 at the Department of Energy, Environment and Climate Change.

Prof. Saifur said “Smart Buildings connect a variety of sub-systems and share information to optimize total building performance.” Prof Saifur also stated “A smart building has a much higher value proposition if it can function in the context of a smart city in a connected community. It can then contribute more to a community and improve the environment, its occupants work in. His presentation slides

can viewed [here](#).

Prof. Saifur Rahman is the founding director of the Advanced Research Institute at Virginia Tech, USA where he is the Joseph R. Loring Professor of Electrical and Computer Engineering. He also directs the center for Energy and the Global Environment. He is a Life Fellow of the IEEE and an IEEE millennium Medal Winner. He is the President-elect of the IEEE Power and Energy Society for 2016 - 2017, and will be the President for 2018 – 2019. He was the founding editor-in-chief of the IEEE Electrification Magazine and the IEEE Transactions on Sustainable Energy.



The seminar was one of the Bangkok Initiative and Innovation Center (BIIC) Seminar series. The BIIC@ AIT was established in July 2017 with the aim to promote entrepreneurship and advance knowledge-based innovation, with a focus on green sustainable technology. Prof. Weerakorn Ongsakul of the Department of Energy, Environment and Climate Change, is AIT's focal point for the Center.



Doctoral Student Seminar

22 May, 2018, ET108, Energy Building, Asian Institute of Technology

Ms. Dararat Khamchiangta, a candidate for the degree of Doctor of Philosophy in the Energy Program, specializing in Energy Policy, Planning and Economics delivered a Doctoral Program Seminar on “Characteristic of Urban Heat Island, Local Climate Classification and Policy for Bangkok, Thailand.”

The Doctoral Seminars of EECC Department are organized and held by the doctoral candidates of Energy, Environmental Engineering & Management, and Climate Change & Sustainable Development.

It is aimed at sharing knowledge among the participants in a friendly and interactive way.

“Characteristic of Urban Heat Island, Local Climate Classification and Policy for Bangkok, Thailand.”



INTI International University in Malaysia Visited EECC Department, Asian Institute of Technology

11 May 2018, Asian Institute of Technology

17 students and 2 faculty members from the INTI International University, Nilai, Malaysia visited the Department of Energy, Environment and Climate Change on Friday 11 May 2018.

Assoc. Prof. Dr. Shobhakar Dhakal, the head of the Department welcomed the visitor and introduced the EECC department and its activities.

Our Senior Lab. Supervisor Dr. Vu Duc Hien took the students on a tour around our Energy Park. The group was on their educational tour to Thailand.



Delegation from the Office of Permanent Secretary for Defense visited Energy Park

23 March, Energy Park, Asian Institute of Technology



The Asian Institute of Management's (AIM) School of Executive Education visited AIT

30 May 2018, S101, SERD Meeting Room, Asian Institute of Technology

12 students from The Asian Institute of Management's (AIM) School of Executive Education visited AIT on 30 May, 2018. The students were welcomed by Prof. Visu from the Environmental Engineering and Management Program.

Prof. Visu gave a lecture on Waste Management Issues at AIT and in the region. Through a series of short clips, the students were walked different phases of waste management techniques adopted by AIT. Prof. Visu said the someone's waste could be another's resources,

citing numerous examples and references to cities around Asia.

Assoc. Prof. Dr. Erik L.J. Bohez, from the Department of Industrial Systems Engineering gave a lecture on Life Cycle Assessment of Products and Services to Assess Sustainability.

Dr. Erik also demonstrated the use of softwares for the LCA.

The students were on an International Study Visit to complement the classroom discussion as part of their program entitled "Managing Waste in an Urban Environment for the City of Makati."



Prof. Visu visited Vilnius Gediminas Technical University

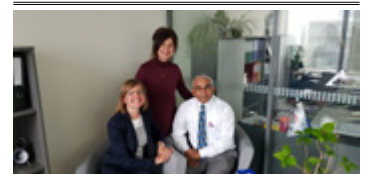
20 - 26 May 2018, Vilnius Gediminas Technical University

Prof. Visu, faculty at the Department of Energy, Environment and Climate Change was invited by the Vilnius Gediminas Technical University (VGTU) from 20 to 26 May 2018 to present a series of lectures on "Water Supply" for both graduate

and undergraduate student of the Environmental Engineering program, Faculty of Fundamental Science. In the sidelines of the lectures, Prof. Visu and Dr. Ausra Pelediene, Director, International Relation office had extensive discussion on possible future research and

academic collaboration between AIT and VGTU.

The visit was part of Erasmus Mundus Faculty Mobility Program in line with the AIT-VGTU inter-institutional agreement.





Creating leaders
for sustainable Asia
and beyond



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Next!!!
AIT Scholarship
& Fellowship
Receipts

For feedback, contact
dorji@ait.asia

Assoc. Prof. Dr. Abdul Salam Awarded Distinguished Research Award 2018



Assoc. Prof. Dr. P. Abdul Salam,
faculty at the Department
of Energy, Environment and
Climate Change was awarded
the Distinguished Research
Award 2018 during the 129th

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AIT Graduation on Friday 18
May 2018.

The distinguished researcher
award is based on the evaluation
of faculty's sponsored activities
and publications during the
years 2016-2017. "Once
again my hard-work has been
recognized. Received the
Distinguished Researcher
Award, today," said Dr. Salam on
his Facebook. Congratulations!
Dr. Salam.

Dr. Jai G. Singh Elected to Senior Member by IEEE

Assoc. Prof. Dr. Jai Govind
Singh, faculty at the Department
of Energy, Environment and
Climate Change, Asian Institute
of Technology is elected to the
grade of a Senior Member in
recognition of professional
standing by IEEE.

In receiving this honor, Dr.
Singh joins the select few:
less than 10% of the member
achieves this level of professional
recognition. Dr. Singh received
the plaque celebrating the
elevation from the IEEE.

IEEE is the world's largest
technical, professional



organization dedicated to
advancing technology for the

benefit of humanity.
Congratulations! Dr. Singh.

Fellowships for August Semester 2018

30 June 2018, Application deadline

If you are looking for an
experience beyond the
classroom walls, consider Asian
Institute of Technology. As a
student at AIT, you will join
a dynamic community that
represents people of different
backgrounds, ethnicities, skills
and perspectives. Student life
isn't just for the undergrads, and
we offer our graduate students
unique opportunities, no matter
where you come from.

We are accepting application
for the August Semester 2018.
We offer generous *fellowships*
for students who can contribute
to the learning experience and
make a positive impact on
society. Check below:

- 1) RTG Fellowship
- 2) AIT Fellowship

We urge those interested in
applying to make the necessary

preparations and apply early
to improve your chances of a
fellowship. The deadline for
August Semester 2018 is **30
June 2018**.

Complete the application today
and/or bring it to the notice
of the other aspirants to apply
latest by **30 June 2018** to join
us for the upcoming August
Semester.

[Apply Now...](#)

Bridging Program

30 June 2018, Application deadline

If your English is holding
you back, the AIT Bridging
Program is specifically designed
to strengthen your English
skills and prepare you for your
graduate program at AIT.

The intensive Bridging Program
normally offers 16 weeks of
collaboration and interaction
in English around pieces

of investigative research by
students. The content of each
program is shaped by the
interests and needs of individual
students, and their particular
study programs at AIT.

Get ahead of the game to launch
a career with our top-ranked
degree programs. Apply on or
by June 30, 2018 to start your

journey in August 2018.

Inspire confidence in your
English and connect to the
world

Discover how to communicate
like a native English speaker.

[Read more...](#)