

## STUDENT OPPORTUNITIES

### Student Exchange Program

Student Exchange Program offers an opportunity for AIT students to learn inside and outside classrooms in a partnering world-class university. Students in this program will cultivate academic knowledge, transversal skills, and intercultural communication, and will also expand their personal and professional networks. The duration period of this program is one semester. Students are encouraged to transfer 6-12 credits of courses taken at the exchange partner. Exchange scholarships are also available but are competitive.

### Internship Program

AIT offers an opportunity to all students enrolling in Master's degree programs to take internships in national and multinational enterprises as a part of the academic curriculum. The internship carries 12 credits and duration can range from 4 to 6 months. The internship work generally relates to the academic program and the research area of the students, and includes student-reports on the work done during the internship. This provides the students practical experiences, exposure, networking and job placement opportunities in future.

### Minor

Several programs at AIT also offer minors. A minor will complement the knowledge acquired in the major program and can be chosen to be synergistic to each other. A minor carries 12 credits and will be shown on the degree certificate. One such minor can be in Entrepreneurship.



## SCHOLARSHIPS & FELLOWSHIPS

- HM King's Scholarship & HM Queen's Scholarship
- Loom Nam Khong Pijai (GMSARN Scholarship)
- Asian Development Bank –Japan Scholarship Program
- AIT-UNESCO-IHE Programme
- Joint Japan/World Bank Graduate Scholarship Program
- China Scholarship Council
- Royal Thai Government Fellowship
- AIT Scholarship

• and more ...

## ENTREPRENEURSHIP

An **AIT Entrepreneurship Center** nurtures the entrepreneurial thinking and orientation in students, staff and faculty, and provides programs, mentorship, skills, competitions, and exposure that lead to the start-up and management of new innovative business ventures. The Center aims to enhance the Institute's capability to impact socio-economic development through hands-on knowledge transfer via start-ups. An Entrepreneurship minor is offered.

## OUTREACH CENTERS

Apart from academic programs in three AIT Schools, these Outreach Centers are the connectors for AIT's education and research outreach with industry and society.

### AIT Extension

--Executive education, lifelong learning, skill development through short-courses, trainings, workshops, and seminars

### AIT Solutions

--Innovative consulting/solutions in engineering, technology, environment, infrastructure, education and management

### Geoinformatics Center

--Consulting and capacity building in application of Remote Sensing and Geoinformatics in agriculture, disaster risk management, and environment

### Regional Resource Center for Asia and Pacific

--Advancement of Region's environment and sustainable development goals through research and capacity building

### Belt & Road Research Center

--Research and studies in sustainability issues of the Belt and Road region

### Internet Education and Research Laboratory

--Development, training, and education programs related to internet development and IT topics

### AIT Artificial Intelligence Technology Center

--Research and development to incorporate AI into AIT programs and its application to real-world problems

### Yunus Center at AIT

--Enterprise solutions for SDGs & technologies to alleviate poverty; member of global Yunus network

### AIT Center Vietnam

--Provisions of academic programs, training, and consulting in Vietnam



**Dr. Binda Pandey**  
(Class of 2002)

#### Current Position

MP, House of Representative and Chair of Trade Union Policy Institute of GEFONT, Nepal

*AIT has added me theoretical clarity which has helped me in my role as a woman and a trade union activist dealing with gender issues for decades. I could apply my academic knowledge to my work on movement and state policy to achieve gender justice. I am always thankful to AIT for enriching me with this academic strength.*



**Mr. Chaiwat Kovavisarash**  
(Class of 1991)

#### Current Position

CEO, President & Director, Bangchak Corporation Public Company Limited, Thailand

*AIT opened up my mind exposing me to international surroundings and transforming me to be a mature and lifelong learning person. It was this memorable 20-month process that has taken me thus far.*



**Ms. Xiaoming Tao**  
(Class of 2014)

#### Current Position

Project Manager, DFMT Consulting Co, China

*Studying at AIT was a unique and enjoyable journey which boosted my understanding of different cultures, gave me knowledge and a clearer global vision. Most importantly, my time at AIT taught me to enjoy life challenges.*



**Mr. Sopheap Sreng**  
(Class of 2010)

#### Current Position

Project Design and Gender Specialist, USAID, Cambodia

*I was very well guided in both academic and life matters by supportive professors and staff at AIT. My professors and classmates had diverse backgrounds and were really helpful. This is the moment in my life time I will always remember.*



## WHY CHOOSE AIT?

### OUTSTANDING

faculty and academics, supported by AIT'S commitment to excellence and quality

### INNOVATIVE

and interdisciplinary approach to learning across many fields of study

### STRONG FOCUS

on research and interactive studies in sustainability areas

### HANDS-ON

experiential learning and real-world application through exchanges, internships, service learning, and entrepreneurship

### PERSONAL

attention by faculty and staff to students who are the institute's highest priority

### ACCESS

to experienced business executives, enterprises, NGOs and governments in Asia

### NETWORK

of internationally recognized partner universities

### CONNECTION

to over 25,000 postgraduate level alumni from 100+ countries

Discover AIT in 360 °  
[www.ait.ac.th](http://www.ait.ac.th)



## ASIAN INSTITUTE of TECHNOLOGY

*Social Impact with Innovation*



## ACADEMIC PROGRAMS

Degrees Offered: Masters, Doctoral, Master of Philosophy, One Year Masters and Professional Masters



**SCHOOL OF  
ENGINEERING &  
TECHNOLOGY  
(SET)**

● **Department of Civil and Infrastructure Engineering**

- Construction Engineering and Infrastructure Management
- Geotechnical and Earth Resources Engineering
- Structural Engineering
- Transportation Engineering
- Water Engineering and Management

● **Department of Information and Communication Technologies**

- Computer Science
- Information Management
- Information and Communications Technologies
- Telecommunications
- Remote Sensing and Geographic Information Systems
- Data Science and Artificial Intelligence
- Internet of Things (IoT) Systems Engineering

● **Department of Industrial Systems Engineering**

- Mechatronics
- Microelectronics and Embedded Systems
- Industrial and Manufacturing Engineering
- Bio-Nano Materials Science and Engineering



**SCHOOL OF  
ENVIRONMENT,  
RESOURCES &  
DEVELOPMENT  
(SERD)**

● **Department of Food, Agriculture and Bioresources**

- Agribusiness Management
- Agricultural Systems and Engineering
- Aquaculture and Aquatic Resources Management
- Food Engineering and Bioprocess Technology
- Food Innovation, Nutrition and Health

● **Department of Energy, Environment and Climate Change**

- Climate Change and Sustainable Development
- Environmental Engineering and Management
- Marine Plastics Abatement
- Regenerative Sanitation
- Sustainable Energy Transition

● **Department of Development and Sustainability**

- Development and Sustainability
- Gender and Development Studies
- Natural Resources Management
- Development Planning
- Management and Innovation
- Urban Innovation and Sustainability
- Urban Sustainability Planning and Design
- Society and Environmental Governance



**SCHOOL OF  
MANAGEMENT  
(SOM)**

● **Business Administration**

- Marketing
- Finance
- Change & Innovation
- **Business Risk and Resilience**
- **Business Analytics and Digital Transformation**
- **International Finance**
- **Banking and Finance**

**INTER-SCHOOL PROGRAMS**

- **Open Master of Engineering/Science in Interdisciplinary Studies (All Schools)**
- **Disaster Preparedness, Mitigation and Management (SET & SERD)**
- **Urban Water Engineering and Management (SET & SERD)**
- **Social Business and Entrepreneurship (SERD & SOM)**
- **Water Security and Global Change (SET & SERD)**



## STUDY OPTIONS AT AIT

### Master's and PhD Degree Programs

Available in many fields of specializations across its three Schools, covering various aspects of technology, social developments, and management. Several new degree programs are designed to address emerging global challenges and to respond to current demands of the workforce.

### Flexible Degree Options

New alternative to traditional "On-campus Degree Options". Students can do many courses online via AIT's Hybrid Modes of Instruction, with an option of flexible payment: course-by-course. The minimum enrollment is two courses per semester – ideal for those not wanting to take too much time away from career, or those wanting to work and study at the same time.

### One-Year Master's Programs

Providing students with 'coursework-only' option for higher education to support career advancement. It is offered in parallel to our conventional two-year master's programs – ideal for those not wanting to take much time away from career.

### Professional Master's Programs

Unique educational offering for working professionals, built on the experience of professionals in specific domains. The curriculum is practice-oriented, based on conceptually rigorous models and frameworks – with delivery mode adapted to the needs. Graduates have benefited immensely through this international learning experience.

### Unified Programs

Earning two degrees – Bachelor from Partner University and Master from AIT, through this 'fast-track' and cost-efficient collaborative program, using summer holidays in the study program as inter-semester. Students have an opportunity to work on a Bachelor's Degree Final-Year Project at AIT, thereby saving at least one semester of study to obtain two degrees.

### Capacity-Building PhD Partnership Programs

Providing human resource capacity development for non-PhD faculty and staff of other partner higher education institutions, enhancing institutional capacities and strengthening academic communities globally. The student can pursue a regular in-person Doctoral program or a program combining residence education with flexible online delivery, through innovative Hybrid Modes of Instruction.

### Dual Degree Programs

Dual degree programs with international peer institutions allow students to study in two approved degree programs at the same time and complete the requirements of both. These programs provide academic enrichment and international mobility for students studying in programs in combination with partner universities around the world.

## PARTNERS

### UNIVERSITIES

- Beijing Institute of Technology
- Beijing Normal University
- Brunel University London
- Colorado State University
- IHE Delft Institute for Water Education
- Koc University
- Korea Advanced Institute of Science and Technology
- Kyoto University
- Lomonosov Moscow State University
- National Taiwan University
- Shanghai Ocean University
- Tallinn University of Technology
- Technical University of Munich
- Tsinghua University
- University of Alberta
- University of Iowa
- University of Oulu
- University of Science and Technology of China
- University of Strathclyde
- University of Tokyo
- University of Wollongong
- Vilnius Gediminas Technical University
- **and more ...**

### ENTERPRISES, NGOs and GOVERNMENTS

- Asian Development Bank
- Bangchak Corporation Pub Co., Ltd.
- Betagro Pub Co., Ltd.
- Bill and Melinda Gates Foundation
- China Scholarship Council
- Computer & Structure Inc.
- DeepRock (Vanke), Shenzhen
- Dorabot, Shenzhen
- ERASMUS+ / European Union
- German Academic Exchange Service (DAAD)
- Ministry of Foreign Affairs, Government of Japan
- National Science and Technology Development Agency
- Royal Thai Government
- Siam Cement Group Pub Co., Ltd.
- Siam Commercial Bank Pub Co., Ltd.
- TEAM Consulting Engineering and Management Pub Co., Ltd.
- Thai Pipe Industry Co., Ltd.
- United Nations Economic and Social Commission for Asia and the Pacific
- United States Agency for International Development
- World Bank
- **and more ...**

## ABOUT AIT

The Asian Institute of Technology (AIT) is an international English-speaking postgraduate institution, providing engineering, environment, and management education and research, focusing on Sustainability and Social Impact issues. Our current strategic themed areas are: Climate Change; Smart Communities; Food-Energy-Water; Infrastructure; and Technology, Policy and Society. AIT's rigorous academic, research, and outreach programs prepare graduates for professional success and leadership roles in Asia and beyond.

Founded in 1959, AIT offers students the opportunity to study at an institution in Asia which possesses a global reputation. AIT stresses its international connections, its injection of innovation into research and teaching, its engagement with public and private sectors, and its nurturing of entrepreneurship. AIT continues to fulfill its capacity-building role and has oriented its education and research to support the United Nations Sustainable Development Goals (SDGs). The institute emphasizes experiential learning through internships and exchange programs with flexible delivery, incorporating the Hybrid Mode of Instruction with residential learning. Sitting on a beautiful green campus just north of Bangkok, Thailand, AIT operates as a dynamic multicultural community with a cosmopolitan approach to living and learning, mixing students and faculty and staff from around the world.

Today, AIT's internationally recognized engineering, environment, and management graduates are highly sought after by employers in their home country and elsewhere. Across many walks of life, AIT alumni have distinguished themselves as CEO's of private and state enterprises, as business owners, as well-respected researchers and faculty, and as senior university and government officials.

