

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** nurture the entrepreneurial thinking and orientation in students, staff and faculty, and provide 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 fields of study 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.

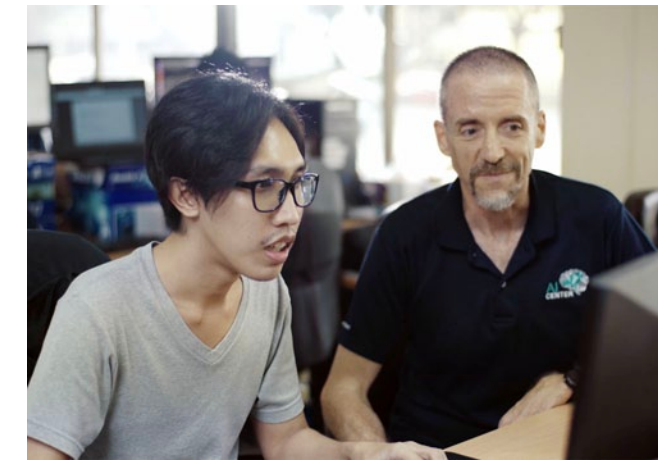


Mr. Sopheap Sreng
(Class of 2010)

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 the 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 of highest priority in AIT mission

ACCESS

to experienced business executives, enterprises, NGO's and governments in Asia

NETWORK

of internationally recognized partner universities

CONNECTION

to almost 25,000 post graduate level alumni from 100 countries

Discover AIT in 360 °

www.ait.ac.th



ASIAN INSTITUTE of TECHNOLOGY

Social Impact with Innovation





ACADEMIC DEGREE PROGRAMS

SCHOOL OF ENGINEERING & TECHNOLOGY

- **Department of Civil and Infrastructure Engineering**
 - Construction, Engineering and Infrastructure Management
 - Geotechnical and Earth Resources Engineering
 - Geosystem Exploration and Petroleum Geoengineering
 - Structural Engineering
 - Transportation Engineering
 - Water Engineering and Management
 - Disaster Preparedness, Mitigation and Management
- **Department of Industrial Systems Engineering**
 - Bio-Nano Material Science and Engineering
 - Industrial and Manufacturing Engineering
 - Internet of Things (IoT) Systems Engineering
 - Mechatronics
 - Microelectronics and Embedded Systems
 - Data Science and Artificial Intelligence
- **Department of Information and Communication Technologies**
 - Computer Science
 - Information Management
 - Internet of Things (IoT) Systems Engineering
 - Remote Sensing and Geographic Information Systems
 - Telecommunications
 - Information and Communication Technologies
 - Data Science and Artificial Intelligence

SCHOOL OF ENVIRONMENT, RESOURCES & DEVELOPMENT

- **Department of Development and Sustainability**
 - Development and Sustainability
 - Gender and Development Studies
 - Natural Resources Management
 - Urban Environmental Management
 - Regional and Rural Development Planning
 - Disaster Preparedness, Mitigation and Management
- **Department of Energy, Environment and Climate Change**
 - Environmental Engineering and Management
 - Sustainable Energy Transition
 - Climate Change and Sustainable Development
 - Urban Water Engineering and Management
 - Marine Plastics Abatement
 - Regenerative Sanitation

- **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

SCHOOL OF MANAGEMENT

- **Regular Program**
 - Master of Business Administration (MBA)
 - International Executive Master of Business Administration (IEMBA)
 - M/MSc in Business Analytics & Digital
 - M/M.Sc. in International Finance
 - Doctor of Philosophy (Ph.D.)
 - Doctor of Business Administration

AIT INTRODUCING SEVERAL NEW DEGREE PROGRAMS

such as **Business Risk and Resilience**, and **Urban Innovation and Sustainability**, and a few others.

In addition, there is a unique interdisciplinary "**Open Masters**" Program which gives the student freedom to design their own study program based on their special interest, without being tied to one discipline.



STUDY OPTIONS AT AIT

Master's and PhD Degree Programs

AIT offers a wide range of master's and doctoral degree programs in many fields. The program specializations extend across its three Schools covering various aspects of technology, social developments, and management. AIT is offering several new degree programs which are designed to address emerging global challenges and to respond to the current demands of the workforce.

Flexible Degree Options

The "Flexible Degree Options" are a new alternative to our traditional "On-campus Degree Options" at AIT. Students can do many courses online via AIT's Hybrid Modes of Instruction. Flexible payment course-by-course is available. The minimum enrollment is two courses per semester. This is ideal for someone who does not want to take too much time away from their careers or for people who want to work and study at the same time.

One-Year Master's Programs

The One-Year Master's programs provide students with the 'coursework-only' option for higher education that can aid career advancement. The one-year master's programs are offered in parallel to our conventional two-year master's programs. This is ideal for someone who does not want to take too much time away from their careers.

Professional Master's Programs

Professional Master's Programs are a unique educational offering from AIT for working professionals that builds on the experience of professionals in specific domains. The curriculum is practice-oriented which is based on conceptually rigorous models and frameworks. The delivery mode is adapted to the needs of working professionals. Graduates have benefited immensely both in their personal and professional lives through this international learning experience.

Unified Programs

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

Capacity-Building PhD Programs

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

UNIVERSITIES

- Beijing Institute of Technology
- 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 ...

PARTNERS

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 fulfil its capacity-building role and to study the achievement of the UN Sustainable Development Goals. To do so, AIT emphasizes experiential learning with internships and exchanges built into the education program, which is now being delivered in flexible ways incorporating Hybrid Modes of Instruction and technology 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.

