



AIT INTRODUCTION

Updated January 2024

AIT INTRODUCTION

- ❖ Founded in 1959
- ❖ An international English-speaking postgraduate institution
- ❖ Provides engineering, environment, and management education and research, focusing on Sustainability and Social Impact issues



THEMATIC AREAS



Climate
Change



Smart
Communities



Food - Energy -
Water



Infrastructure



Technology,
Policy and
Society



AIT
Asian Institute of Technology

AIT FACTS & FIGURES

1,500+ Postgraduate Students

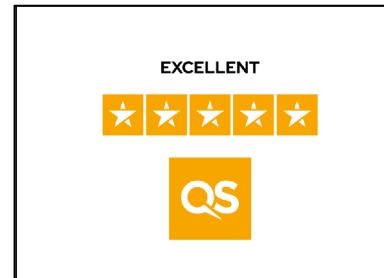
26,000+ Alumni

149 World-class Faculty

300+ Partners

3
SCHOOL

- School of Engineering and Technology (SET)
- School of Environment, Resources and Development (SERD)
- School of management (SOM)



300+
Ongoing Research Project

13
Outreach Centers



CURRENT STUDENTS

1500+ students from 50+ countries and territories

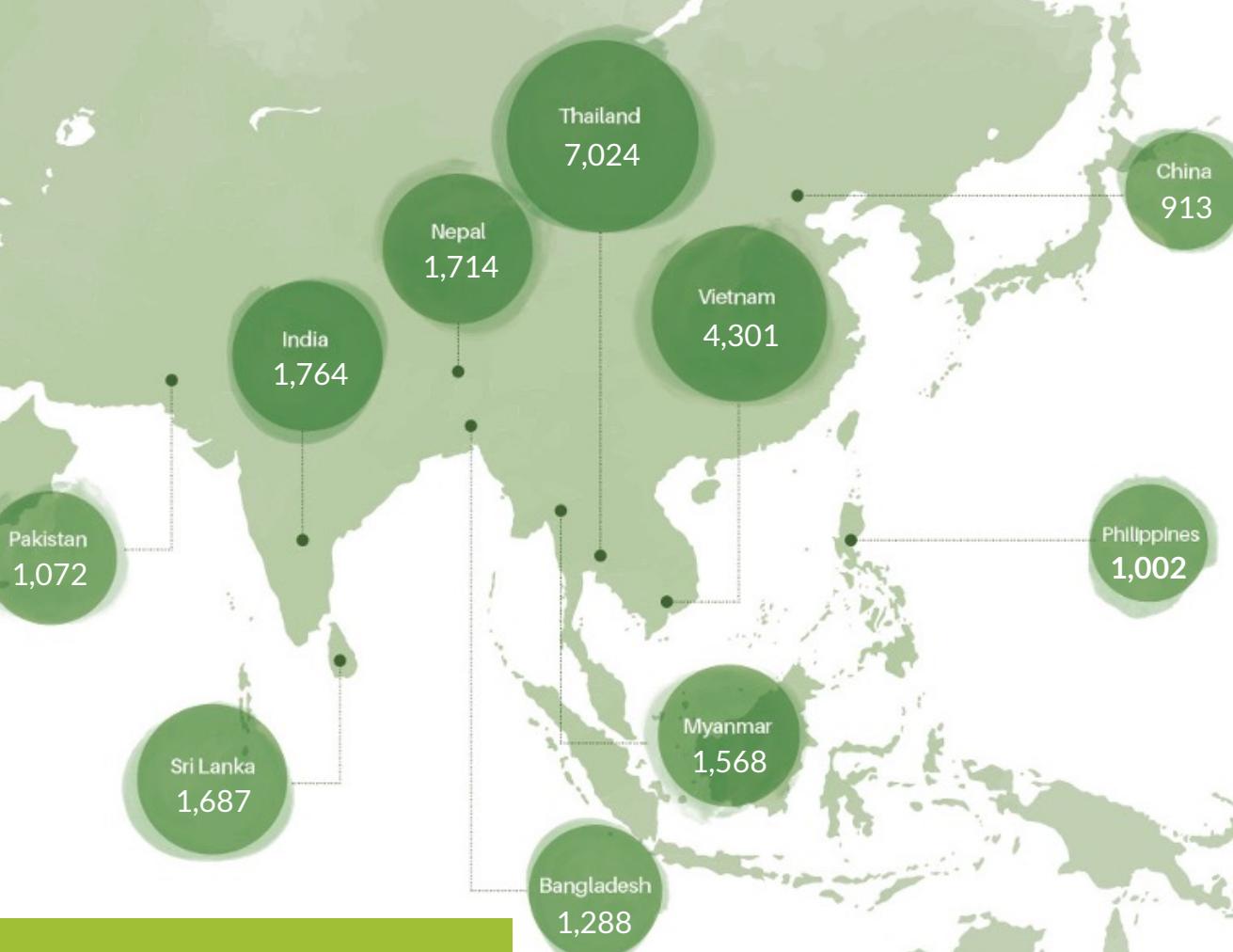
Current Students Nationalities

- Afghanistan
- Australia
- Austria
- Bangladesh
- Bhutan
- Brunei
- Cambodia
- Cameroon
- Canada
- China
- Congo
- Ecuador
- Eritrea
- Finland
- France
- Germany
- Ghana
- India
- Indonesia
- Iran
- Japan
- Kenya
- Korea
- Kyrgyzstan
- Lao PDR
- Liberia
- Malawi
- Malaysia
- Maldives
- Mongolia
- Mozambique
- Myanmar
- Nepal
- Nigeria
- Pakistan
- Philippines
- Sierra Leone
- South Africa
- Sri Lanka
- Sudan
- Switzerland
- Taiwan
- Tanzania
- Thailand
- Tunisia
- Turkey
- Uganda
- United Kingdom
- United States of America
- Viet Nam

ALUMNI NETWORK

26,000+ alumni from 100+
countries and territories

**Alumni by
Countries/Territories**
(Top 10 countries)





Asian Institute of Technology RANKED 201–300

www.thewur.com



Asian Institute of Technology
RANKED 76th
FOR SDG1: NO POVERTY



76th
in the World for
SDG1
No Poverty

Asian Institute of Technology
RANKED 53rd
FOR SDG2: ZERO HUNGER



53rd
in the World for
SDG2
Zero Hunger

Asian Institute of Technology
RANKED =88th
FOR SDG16: PEACE, JUSTICE AND STRONG INSTITUTIONS



88th
in the World for
SDG16 Peace, Justice
and Strong
Institutions

THE IMPACT RANKINGS 2023



ASIAN INSTITUTE OF TECHNOLOGY

AWARDED 5 STARS
OVERALL

by the QS Stars University Rating System
2021-2024

EXCELLENT



Internationalisation



Teaching



Research



Facilities



Employability



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QS GLOBAL MBA & **BUSINESS** MASTER RANKINGS 2024 **IN ASIA**

8th

Business Analytics &
Digital Transformation
(BADM)

23rd

Masters of Business
Administration (MBA)



ASIAN INSTITUTE OF TECHNOLOGY



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#1
in Thailand
#21
in Asia

QS
GLOBAL
MBA
RANKING
2023

TOP 100
2023

Entrepreneurship

QS WORLD UNIVERSITY RANKINGS BY CAREER SPECIALISATION

TOP 150
2023

QS WORLD UNIVERSITY RANKINGS GLOBAL MBA

16 AIT faculty listed in WORLD'S TOP 2% SCIENTISTS 2023



AIT
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NATURE
MAIN CAMPUS
@Pathumthani
40 km North of Bangkok



VIBRANT CITY

Downtown Bangkok Campus
where the PhD/DBA, MBA for
working professionals & MSc
classes take place

WHY AIT ?

- 1** Truly International and Multi-Cultural Community
- 2** Alumni Network and Achievement
- 3** Excellent Academic Programs
- 4** Social Impact Research
- 5** A wide range of opportunities

WHY 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 the institute's highest priority
- ❖ ACCESS to experienced business executives, enterprises, NGO's and governments in Asia
- ❖ NETWORK of internationally recognized partner universities
- ❖ CONNECTION to over 25,000 post graduate level alumni from 100 countries

STUDY OPTIONS AT AIT

1

Master's and PhD
Degree Programs

2

Flexible Degree
Options

3

One-Year
Master's
Programs

4
Professional
Master's
Programs

5

Dual Degree
Programs

6

Unified Programs

7

Capacity-Building
PhD Partnership
Programs



AIT

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SCHOOLS

School of
Engineering &
Technology (SET)

School of
Environment,
Resources &
Development
(SERD)

School of
Management
(SOM)

School of Engineering & Technology (SET)

Department of Civil & Infrastructure Engineering

- ❖ Construction, Engineering and Infrastructure Management (CEIM)
- ❖ Geotechnical & Earth Resources Engineering (GTE)
- ❖ Structural Engineering (STE)
- ❖ Transportation Engineering (TRE)
- ❖ Water Engineering & Management (WEM)
- ❖ Disaster Preparedness, Mitigation & Management (DPMM)

Department of Information & Communication Technologies

- ❖ Computer Science
- ❖ Information Management (IM)
- ❖ IoT (Internet of Things) Systems Engineering
- ❖ Remote Sensing and Geographic Information Systems (RS-GIS)
- ❖ Telecommunications (TC)
- ❖ Information and Communications Technologies (ICT)
- ❖ Data Science and AI (DSAI)

Department of Industrial Systems Engineering

- ❖ Bio-Nano Materials Science and Engineering (BNMSE)
- ❖ Industrial and Manufacturing Engineering (IME)
- ❖ Mechatronics and Machine Intelligence (MMI)
- ❖ Microelectronics and Embedded Systems (MES)

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School of Environment, Resources & Development (SERD)

Department of Food, Agriculture, and Bioresources

- ❖ Agribusiness Management (ABM)
- ❖ Agricultural Systems and Engineering (ASE)
- ❖ Aquaculture and Aquatic Resources Management (AARM)
- ❖ Food Engineering and Bioprocess Technology (FEBT)
- ❖ Food Innovation, Nutrition and Health (FINH)

Department of Energy, Environment, and Climate Change

- ❖ Climate Change and Sustainable Development (CCSD)
- ❖ Environmental Engineering and Management (EEM)
- ❖ Sustainable Energy Transition(SE)

Department of Development and Sustainability

- ❖ Disaster Preparedness, Mitigation and Management (DPMM)
- ❖ Development and Sustainability (DS)
- ❖ Development Planning Management and Innovation (DPMI)
- ❖ Gender and Development Studies (GDS)
- ❖ Natural Resources Management (NRM)
- ❖ Urban Innovation and Sustainability (UIS)

serd.ait.ac.th

School of Management (SOM)

- ❖ Business Administration (MBA & DBA)
 - ❖ Marketing
 - ❖ Change and Innovation
 - ❖ Finance
 - ❖ Entrepreneurship
- ❖ Business Analytics and Digital Transformation
- ❖ International Finance
- ❖ Digital Marketing

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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 Challenge (SET & SERD)

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 ...

EXCHANGE PROGRAMS



Australia	Lithuania
Canada	Malaysia
China	Portugal
Estonia	Singapore
Finland	South Africa
France	Spain
Germany	Taiwan, China
India	Turkey
Indonesia	USA
Japan	
Korea	

**20 months Student Assistantship Quota for
August intake: 20 places**

Eligibility: New student intakes
(1st semester)

Remuneration: 7,500 Baht (monthly)

**Hourly Student Assistantship Positions:
approximately 35 places**

Eligibility: 2nd semester student

Remuneration:

Master's students
(Hourly base, up to 40-60 Hours)

Doctoral Student
(Hourly base, up to 60-80 Hours)

STUDENT ASSISTANTSHIP



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INTERNSHIPS

- ▶ To connect your academic experience with the industry or academe.
- ▶ Upon completion of the required courses and achieving required credits, students can apply for internship.
- ▶ Organizations providing internship opportunities are regularly updated.

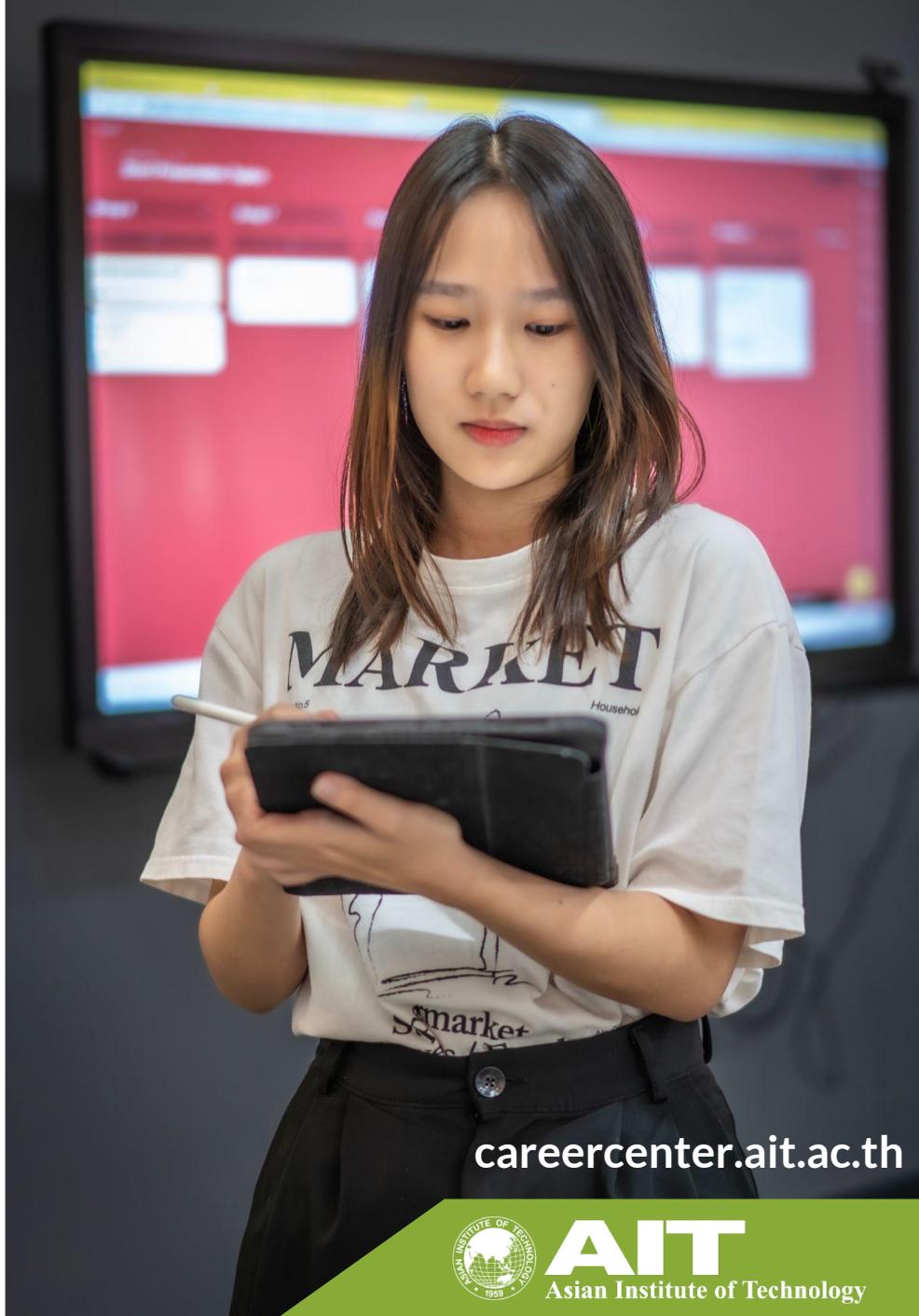


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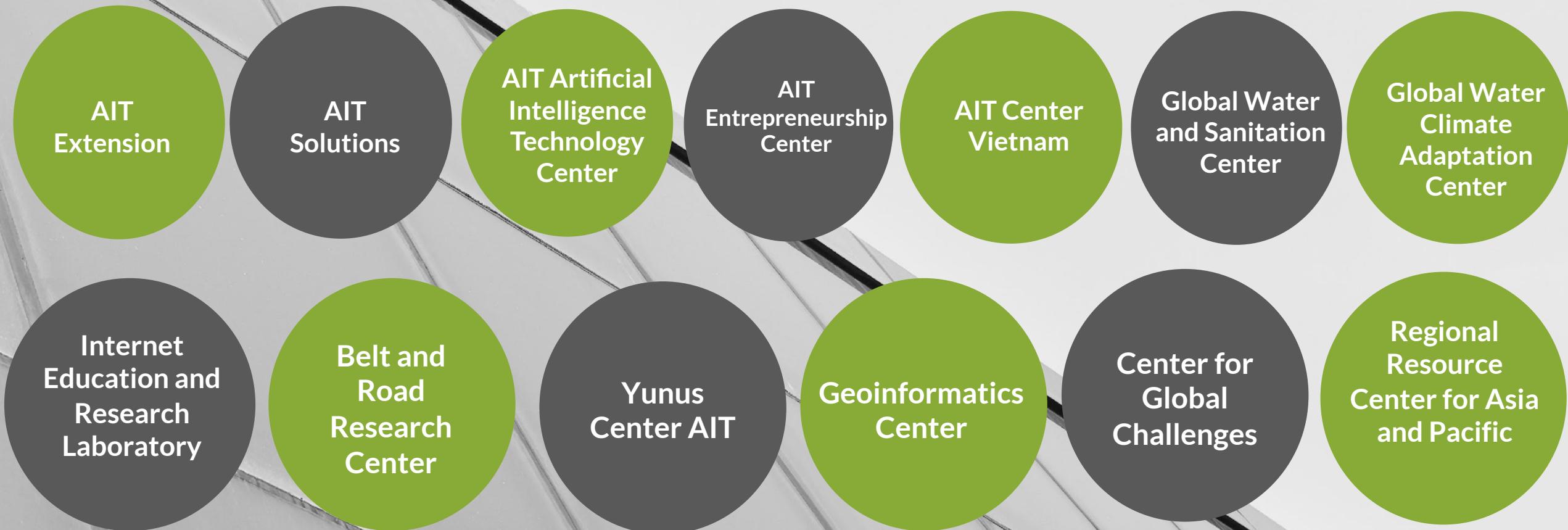
JOB OPPORTUNITIES

United Nations Educational, Scientific and Cultural Organization (UNESCO) Bangkok	Fourth Valley Concierge Corporation	Kozo Kekaku Engineering Inc	Merck Ltd. Thailand	Re DNA Labs Thailand	Deloitte	Siam Dial Co., Ltd	Thai Union	GC Maintenance and Engineering Co., Ltd (GCME)	Banpu Public Company Limited	Mandal Co.,Ltd	Team Group
CAT Telecom PLC	Stars Microelectronics Environment PCL	Mercedes-Benz	Deimler AG	Noltesco Automotive Corporation	Siam Makro	Dextra Asia	AIT Solutions	INTERTEC Group	HELIKABEL	SEED สำหรับคนรุ่นใหม่	
Christian & Nielsen Energy Solutions	B Grimm	Dtac	Geoinformatics Center (GIC) of AIT	St. Mark's International School	Thanachai Thanachai Public Company Limited	PANDORA PRODUCTION CO., LTD	PLAN INTERNATIONAL	Plan International Thailand	Brown Sugar Company	Fair agora	Panya Consultants Co. Ltd.
Dorobot	ABB Limited	Asia Technology	Meinhardt	Bouygues-Thai Ltd.	Asian Disaster Preparedness Center (ADPC)	Consultants of Technology Co., Ltd. (COT)	Sime Thai Engineering & Construction Public Company Limited (SETCO)	S2M group	Feedback 180 Co., Ltd.	ASCENTA LOGISTICS THAILAND LTD.	Work Venture
	Thai Health Promotion Foundation Organization	Seigo Kizai	Low Fashion Group	International Labour Organization (ILO)	Addwealth301 Co.,Ltd.	Danish-Thai Chamber of Commerce (DTCC)	Regional Centre for Asia and the Pacific (RCAP)	United Nations Industrial Development Organization	Aryll Scott Recruitment (Thailand) Ltd.	Azus Systems Limited	Leapfrog Technologies, Nepal
Tetra Tech	Metro Systems Corporation PCL.	PT Dayasa Asia Prima	Crea Co.,Ltd.	Asia Pacific Petrochemical (APC)	Aurecon Consulting (Thailand) Co.,Ltd.	Essilor Manufacturing (Thailand) Co.,Ltd.	Preformed Line Product (Thailand) Limited	Par Intra Intelligence Billion PI	Utility Design Consultants Co., Ltd. (UDC)	Siam Jewellery, Bangkok	SVA PUBLIC COMPANY LIMITED
Atos	Pepsi-Cola (Tha) Trading Co.,Ltd.	International Union for Conservation of Nature (IUCN)	Kaidee Thailand	My Internship Asia (Thailand) Ltd.	KG Engineering	Beri Jucker Company	John Deere (Thailand) Limited	ECHO Bangkok	The Siam Cement PLC	MICHELIN	Scan Inter Public Company Limited (SCN)
	United Nations Office on Drugs and Crime (UNODC)										
United Nations Office on Drugs and Crime (UNODC)	United Nations Office on Drugs and Crime (UNODC)	CPF IT Center	Deline Engineering Co. Ltd.	Management Systems International	Unique Engineering and Construction Public Co.,Ltd.	DEMCO	DEMCO PUBLIC COMPANY LIMITED	NKG TRIGO	LIS NEPAL A YOUNG COMPANY	CMC Biotech Co., Ltd	CIEL
AWR Lloyd	GIBSIN Engineers, Ltd. (GIBSIN)	AMATA CORPORATION PCL	United Nations ESCAP	DHL Supply Chain	Fircroft	E-Business Plus Co.,Ltd.	Codium	Essem International Co. Ltd.	THK CO., LTD.	Asian Development Bank (ADB)	WFP
	Moham	United Nations Educational, Scientific and Cultural Organization	Habitat	International Organization for Migration(IOM)	Stockholm Environment Institute (SEI)	Abt Associates Inc.	DKSH (Thailand) Limited	JBI International (Thailand) Limited	UNOPS	United Nations Development Programme (UNDP)	

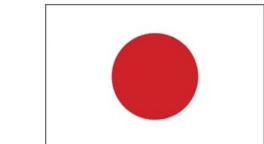


careercenter.ait.ac.th

CENTERS



AIT PARTNERS



From
the People of Japan



United Nations
Educational, Scientific and
Cultural Organization



BILL & MELINDA
GATES foundation



International Development Research Centre
Centre de recherches pour le développement international

Co-funded by the
Erasmus+ Programme
of the European Union



PROMINENT ALUMNI



Dr. Prasarn Trairatvorakul

- ❖ The 17th Chairman of the Stock Exchange of Thailand's (SET) Board of Governors (Feb 2021- Present)
- ❖ The 22nd Governor of the Bank of Thailand (2010-2015)
- ❖ He completed his M.Eng. in industrial engineering and management at AIT in 1976, and his Doctor of Business Administration from Harvard University.



Dr. Bindu Nath Lohani

- ❖ Vice-President of the Asian Development Bank (ADB) for Knowledge Management and Sustainable Development
- ❖ He completed his D.Eng. in environmental engineering at AIT in 1977.



Dr. Mao Chi-kuo

- ❖ Premier of Taiwan (2014-2016)
- ❖ President of Executive Yuan
- ❖ He completed his M.Eng. in community and regional development at AIT in 1975

PROMINENT ALUMNI



Mr. W J L S Fernando

- ❖ General Manager and CEO, the Ceylon Electricity Board
- ❖ Chairman of the National Engineering Research and Development Centre of Sri Lanka
- ❖ He completed his M.Eng. in energy technology (renewable energy) at AIT in 1982



Dr. Tong-Ki Woo

- ❖ President of Yeungnam University, South Korea
- ❖ Governor of Education in the Daegu Metropolitan City
- ❖ He completed his M.Sc. in human settlements development at AIT in 1983



Prof. Kam-Tim Chau

- ❖ Chair Professor in Geotechnical Engineering, Hong Kong Polytechnic University
- ❖ He completed his M.Eng. in structural engineering at AIT in 1987

PROMINENT ALUMNI



Prof. Djoko Santoso

- ❖ Director General of Higher Education for Indonesia's Ministry of National Education
- ❖ Rector of the Institut Teknologi Bandung (ITB) (2005-2010)
- ❖ He received M. Sc. in Geotechnical and Transportation Engineering from AIT in 1982



Prof. Ricardo Palabrica Pama

- ❖ Prof. Pama obtained his M.Eng. in Structural Engineering from AIT in 1964
- ❖ Professor, Vice President for Development (1978-1992) at AIT
- ❖ Vice President for Academic Affairs (1992-1996) at AIT
- ❖ President of two different universities in the Philippines



Yeshey Penjor

- ❖ Minister, Ministry of Agriculture and Forest, Royal Government of Bhutan
- ❖ Climate Change Policy Advisor with the United Nations Development Programme (UNDP) of Bhutan and the National Environment Commission

AIT PRESIDENT PROF. KAZUO YAMAMOTO



- ❖ Emeritus Professor at the University of Tokyo
- ❖ Professor for Research and Development Initiative at Chuo University
- ❖ Visiting Professor at Kindai University
- ❖ President of the Zosui (Water Reuse) Promotion Center in Japan
- ❖ Audit & Supervisory Board Member of IDEA Consultants Inc
- ❖ Awarded the Lee Kuan Yew Water Prize for 2020 for his pioneering work in developing the submerged membrane bioreactor (MBR).



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THANK YOU
