



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

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



AIT
Asian Institute of Technology



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 by
Countries/Territories**
(Top 10 countries)

Pakistan
1,072

Sri Lanka
1,687

India
1,764

Nepal
1,714

Thailand
7,024

Vietnam
4,301

Myanmar
1,568

Bangladesh
1,288

China
913

Philippines
1,002

ALUMNI NETWORK

26,000+ alumni from 100+
countries and territories

Asian Institute of Technology RANKED 201–300

www.thewur.com



Times Higher Education
Impact Rankings 2023

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



AIT
Asian Institute of Technology

ASIAN INSTITUTE OF TECHNOLOGY

AWARDED 5 STARS OVERALL

by the QS Stars University Rating System
2021-2024

EXCELLENT



Internationalisation



Teaching



Research



Facilities



Employability



AIT
Asian Institute of Technology

QS GLOBAL MBA & BUSINESS MASTER RANKINGS 2024 IN ASIA

8th

Business Analytics &
Digital Transformation
(BADT)

23rd

Masters of Business
Administration (MBA)



ASIAN INSTITUTE OF TECHNOLOGY



AIT
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Asian Institute of Technology

#1
in Thailand
#21
in Asia

QS
GLOBAL
MBA
RANKING
2023

TOP 100

2023

Entrepreneurship



WORLD
UNIVERSITY
RANKINGS

BY CAREER SPECIALISATION

TOP 150

2023



WORLD
UNIVERSITY
RANKINGS

GLOBAL MBA

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



Prof. Dennes T. Bergado
Geological &
Geomatics Engineering



Prof. Peter Edwards
Fisheries



Prof. Sivanappan Kumar
Energy



Prof. Ram M. Shrestha
Energy



Prof. Tawatchai Tingsanchali
Environmental Engineering



Prof. Chettiyappan
Visvanathan
Environmental
Sciences



Prof. Joyashree Roy
Energy



Prof. Phan Minh Dung
Artificial
Intelligence &
Image Processing



Prof. Mukand S. Babel
Environmental
Engineering



Prof. Rajendra
P. Shrestha
Agronomy & Agriculture



Prof. Anil Kumar Anal
Food Science



Prof. Weerakorn
Ongsakul
Energy



Prof. Shobhakar Dhakal
Energy



Prof. Sangam Shrestha
Environmental
Engineering



Prof. Avishek Datta
Agronomy & Agriculture



Dr. Ha Thanh Dong
Fisheries



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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



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)

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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
Canada
China
Estonia
Finland
France
Germany
India
Indonesia
Japan
Korea

Lithuania
Malaysia
Portugal
Singapore
South Africa
Spain
Taiwan, China
Turkey
USA



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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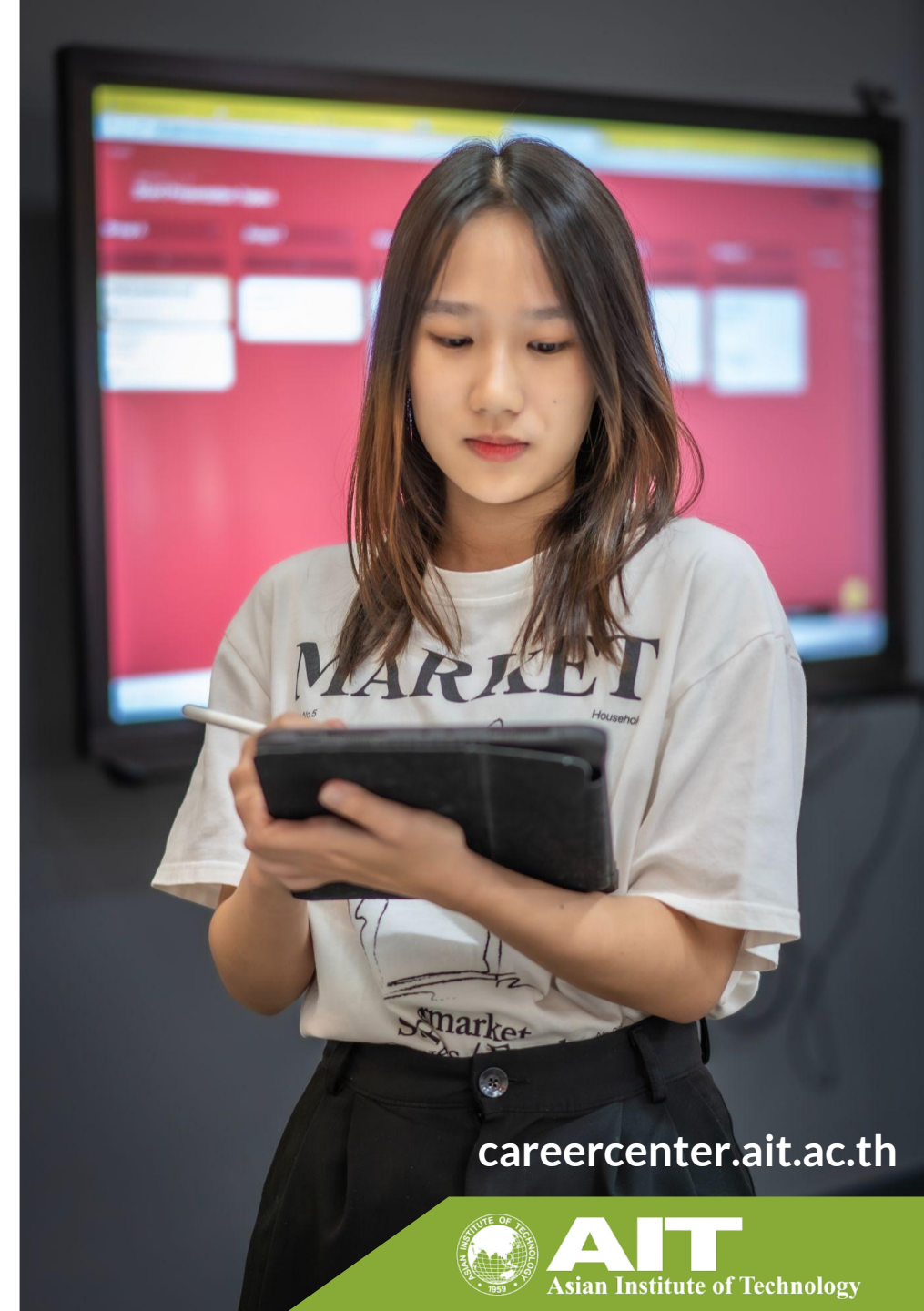
INTERNSHIPS

- ▶ 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.



JOB OPPORTUNITIES

| | | | | | | | | | | | |
|---|---|---|---|---|--|---|---|---|---|--|--|
|  United Nations Educational, Scientific and Cultural Organization (UNESCO) Bangkok |  Fourth Valley Concierge Corporation |  Kao IABaku Engineering Inc. |  Merck Ltd. Thailand |  ReDNA Labs Thailand |  Deloitte |  Siam Dial Co., Ltd. |  Thai Union |  Expedia Group |  Institute for global environmental strategies (IGES) |  University of Science and Technology (UST) |  Siam Commercial Bank (SCB) |
|  CAT Telecom PLC |  Stars Microelectronics (Thailand) P.L.C. |  Mercedes-Benz (Thailand) Limited |  Daimler AG |  Nabtesco Automotive Corporation |  Siam Makro |  Dextra Asia |  AIT Solutions |  INTEC Group |  HELLUKABEL |  SEED |  Span systems |
|  Christians & Nelson Energy Solutions |  B Grimm |  Dtac |  GeoInformatics Center (GIC) of AIT |  St. Mark's International School |  Thonburi Bank Public Company Limited |  PANDORA PRODUCTION CO., LTD. |  Plan International Thailand |  Erawan Sugar Company |  Fair agora |  Panya Consultants Co. Ltd. |  Vinarco Services (Thailand) Limited |
|  Doraboot |  ABB Limited |  Asia Technology |  Meinhardt |  Boonkong-Thai Ltd. |  Asian Disaster Preparedness Center (ADPC) |  Consultants of Technology Co., Ltd. (COT) |  Siam-Thai Engineering & Construction Public Company Limited (STECON) |  S3M group |  Feedback 180 Co., Ltd. |  ASCENTA LOGISTICS (THAI) AMPL PCL 179 |  WorkVenture Technologies PCL 114 |
|  Thai Health Promotion Foundation Organization |  Thai Health Promotion Foundation Organization |  Saiyoo Kizai |  Lawsgroup |  International Labour Organization (ILO) |  Addwealth301 Co.Ltd. |  Danish-Thai Chamber of Commerce (DTCC) |  Regional Resource Centre for Asia and the Pacific (RRC-AP) |  United Nations Industrial Development Organisation |  Argyll Scott Recruitment (Thailand) Ltd. |  Azeus Systems Limited |  Leapfrog Technologies, Nepal |
|  Tetra Tech |  Metro Systems Corporation PCL |  PT Deyasa Aulia Prima |  Crea Co., Ltd. |  Asia Pacific Petrochemical (APC) |  Aurecon Consulting (Thailand) Co., Ltd. |  Essilor Manufacturing (Thailand) Co., Ltd. |  Preformed Line Products (Thailand) Limited |  Partis Intelligence Billion PI |  Liberty Design Consultants Co. Ltd. (LDC) |  Siam University, Bangkok |  SVI PUBLIC COMPANY LIMITED |
|  Atos |  Pepsi-Cola (Thai) Trading Co., Ltd. |  International Union for Conservation of Nature (IUCN) |  Kaidee Thailand |  My Internship Asia (Thailand) Ltd. |  KG Engineering |  Berli 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) |  CPF IT Center |  Define Engineering Co., Ltd. |  Management Systems International |  Unique Engineering and Construction Public Co. Ltd. |  DEMCO PUBLIC CO./MANY LIMITED |  Col. Cemo Economics (Thailand) PCL |  IRIGO Quality Services (Thailand) |  LIS Nepal |  CMC BioTech Co., Ltd. |  CIEL HBI |
|  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 |
|  ECCO Thailand |  Mohara |  United Nations Educational, Scientific and Cultural Organization |  Habitat |  International Organization for Migration (IOM) |  Stockholm Environment Institute (SEI) |  Abt Associates Inc. |  DKSH (Thailand) Limited |  JBT International (Thailand) Ltd. |  UNOPS |  United Nations Development Programme (UNDP) | |



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CENTERS

AIT
Extension

AIT
Solutions

AIT Artificial
Intelligence
Technology
Center

AIT
Entrepreneurship
Center

AIT Center
Vietnam

Global Water
and Sanitation
Center

Global Water
Climate
Adaptation
Center

Internet
Education and
Research
Laboratory

Belt and
Road
Research
Center

Yunus
Center AIT

Geoinformatics
Center

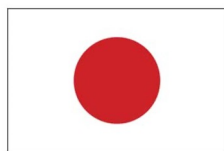
Center for
Global
Challenges

Regional
Resource
Center for Asia
and Pacific



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AIT PARTNERS



From
the People of Japan



United Nations
Educational, Scientific and
Cultural Organization



सत्यमेव जयते
Government of India
Ministry of Human Resource
Development



International Development Research Centre
Centre de recherches pour le développement international



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



bangchak



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