AIT INTRODUCTION

Updated August 2023
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
FACTS & FIGURES

1,600+ Postgraduate Students

26,000+ Alumni

135 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 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

Current Students

1672 students from 50+ countries and territories
26,000+ alumni from 100+ countries and territories
Asian Institute of Technology
RANKED 201–300

www.thewur.com

THE IMPACT RANKINGS 2023

Asian Institute of Technology
RANKED 76th
FOR SDG1: No Poverty

Asian Institute of Technology
RANKED 53rd
FOR SDG2: Zero Hunger

Asian Institute of Technology
RANKED 88th
FOR SDG16: Peace, Justice and Strong Institutions

76th in the World for SDG1
No Poverty

53rd in the World for SDG2
Zero Hunger

88th in the World for SDG16 Peace, Justice and Strong Institutions
ASIAN INSTITUTE OF TECHNOLOGY

AWARDED 5 STARS OVERALL
by the QS Stars University Rating System 2021-2024

EXCELLENT

Internationalisation

Teaching

Research

Facilities

Employability
Asian Institute of Technology

QS GLOBAL MBA RANKING 2023

#1 in Thailand
#21 in Asia

TOP 100
Entrepreneurship 2023

TOP 150
GLOBAL MBA 2023
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)
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)
School of Management (SOM)

- Business Administration (MBA & DBA)
  - Marketing
  - Change and Innovation
  - Finance
  - Entrepreneurship
- 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 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)

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**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)
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
AIT PARTNERS

UNEP

From the People of Japan

United Nations Educational, Scientific and Cultural Organization

Government of India Ministry of Human Resource Development

Stockholm Environment Institute

IGES Institute for Global Environmental Strategies

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

DAAD

Economic and Social Commission for Asia and the Pacific

JAXA

United Nations ESCAP

Chung Hua Fund for Scholarships

SCG

ADB
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
- 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
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).
THANK YOU