

AIT

ANNUAL REPORT 2024



AIT
Asian Institute of Technology



**Copyright © 2025 Asian Institute of Technology.
All rights reserved.**

POSTAL ADDRESS:
P.O. Box 4, Klong Luang
Pathumthani 12120
Thailand
www.ait.ac.th

STREET ADDRESS:
58 Moo 9 Klong Nueng
Km. 42 Paholyothin Highway
Klong Luang, Pathumthani 12120
Thailand

This Annual Report was compiled and produced by Karma Rana, Izel Ann Mojado-Dante, Namita Sravat, Sanjeev Jayasinghe, Sanjeet Amatyia, Sarina Pradhan Thapa, Alistina Shrestha, and M Zia Islam with the technical and editorial support of AIT Public Affairs's team and the involvement of all AIT employees. The report was designed by Nadhika Mendhaka. AIT wishes to thank the many people who assisted in preparing this report.



TABLE OF CONTENTS

2

CHAIRMAN'S STATEMENT

3

PRESIDENT'S MESSAGE

4

YEAR IN REVIEWS

18

**AIT SUSTAINABILITY
REPORT 2024**

20

AWARDS AND RECOGNITIONS

21 Faculty Achievements
23 Student Achievements
27 Alumni Recognition

29

FACTS AND FIGURES

30 Students at a Glance
33 Alumni at a Glance
34 Faculty at a Glance
35 Projects at a Glance

36

GOVERNANCE

38

SENIOR MANAGEMENT

39

APPENDICES

40 Independent Auditor's Report
48 Financial Statements for the Year
ended 31 December 2024
55 Faculty Members



CHAIRMAN'S STATEMENT

As we reflect on the year 2024, we recognize a period of transition and progress that has strengthened AIT's foundation for the future.

I extend my deepest appreciation to Professor Kazuo Yamamoto for his outstanding leadership and unwavering commitment to AIT until August 2024. His stewardship during a pivotal period ensured stability and growth, which is clearly reflected in this annual report.

From 1 September 2024, AIT has been ably led by Professor Pai-Chi Li and his leadership team. In just a few months, they have taken significant steps to advance strategic partnerships, enhance academic programs, and reinforce AIT's commitment to sustainability and innovation. These efforts underscore AIT's vision of becoming a globally connected, research-driven institution serving Asia and beyond.

The annual report illustrates the breadth of AIT's achievements and collaborations that continue to drive impactful research, knowledge exchange, and capacity building. These partnerships are critical to addressing the complex challenges facing our region and the world.

I would also like to acknowledge the Executive Committee and Audit Committee for their diligent work in ensuring that all matters presented to the Board uphold the highest standards of governance and transparency.

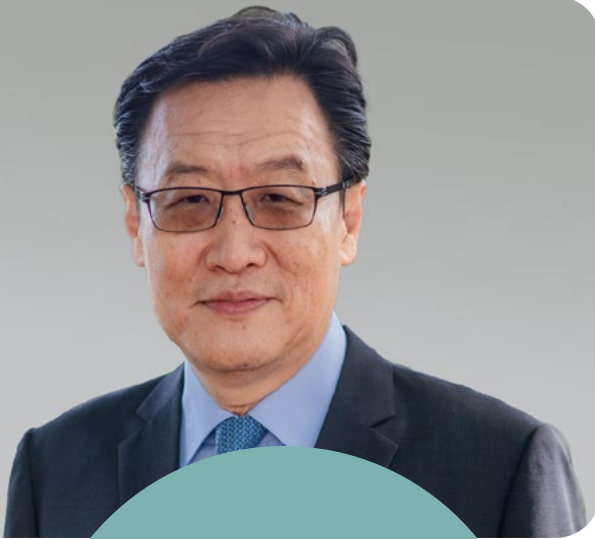
To our Trustees, partners, faculty, staff, students, and alumni, thank you for your continued support and trust. Your contributions remain essential to AIT's success as we move forward together toward a sustainable, inclusive, and innovative future.

A handwritten signature in blue ink, reading "Anat Arbhabhirama".

Dr. Anat Arbhabhirama

Chairman

AIT Board of Trustees



PRESIDENT'S MESSAGE

I am honored to present the AIT Annual Report for 2024, which reflects the progress we have achieved and the strong foundations we are building for the future.

I extend my sincere gratitude to the Board of Trustees for their unwavering guidance and to former President Prof. Kazuo Yamamoto for his outstanding leadership and for ensuring a smooth transition prior to my appointment on 1 September 2024.

Since assuming office, I have focused on strengthening strategic partnerships and expanding AIT's global engagement. We initiated dialogues with leading philanthropic organizations, including the Gates Foundation and the Rockefeller Foundation, opening new opportunities for research and innovation in sustainability, health, and climate resilience.

Our commitment to sustainability and campus transformation remains steadfast. In 2024, we also set the stage for academic restructuring and curriculum renewal to ensure alignment with global trends and industry demands. These initiatives will equip our students with the skills and knowledge to thrive in a rapidly changing world and to become future leaders and innovators.

I am deeply proud of our students, faculty, and staff for their creativity, commitment, and achievements, which truly embody the transformative power of education.

My heartfelt thanks go to the Board of Trustees, Executive Committee, faculty, staff, students, alumni, and partners for their continued support. Together, we will advance AIT as a sustainable, inclusive, and globally connected institution, shaping a future of innovation and impact for Asia and beyond.

Prof. Pai-Chi Li

President

Asian Institute of Technology

YEAR
IN
REVIEW



JANUARY



31 January 2024 – The AIT Board of Trustees appointed Mr. Permsuk Sutthaphiwat, Permanent Secretary, MHESI, Thailand; H.E. Mr. Jean-Claude Poinboeuf, Ambassador of France to Thailand; and Dr. Donald M. Ugsang, President, AITAA, to the Board of Trustees. Dr. Bindu N. Lohani and Mrs. Laxmi Kovavisaruch were appointed to the Executive Committee. H.E. Mr. Tumur Amarsanaa, AIT Trustee and Ambassador of Mongolia, was appointed Co-Chairperson of the Board Staff Relations Committee.



5 January 2024 – AIT kicked off the 2024 academic term with a hybrid orientation event, warmly welcoming 104 new students from 21 countries across Asia, North America, Europe, and Africa.



8 January 2024 – AIT and the Indian Institute of Technology Gandhinagar (IITGN) formalized a Memorandum of Understanding (MoU) and a Memorandum of Agreement (MoA) to strengthen collaboration between the two institutions, fostering joint initiatives in academics, research, and faculty development.



22 January 2024: AIT and UNEP jointly organized a three-day training on 'Developing Bankable Project Proposals for Addressing Plastic Pollution' in Bangkok from 22–24 January 2024 under the CounterMEASURE II Extension project.



31 January 2024 - Prof. Qiu Yong, Chairperson of the University Council at Tsinghua University, led a delegation on a courtesy visit to AIT to strengthen international collaboration between the two institutions.

FEBRUARY



2 February 2024 – AIT and New Space Intelligence Inc. (NSI), Japan, signed a Memorandum of Understanding (MoU) to foster academic excellence and collaborative research.



23 February 2024 – H.E. Mr. Le Minh Hoan, Minister of Agriculture and Rural Development of the Socialist Republic of Vietnam, led a high-level delegation from the Ministry and various provinces on a visit to AIT.



1 February 2024 – The AI Bootcamp 2024, a collaborative initiative between AIT and the Chulalongkorn School of Integrated Innovation (CSII), took place from January 29 to February 1, offering a dynamic workshop filled with innovation, collaboration, and transformative learning experiences.



23 February 2024 – AIT and the State Railway of Thailand (SRT) formalized a Memorandum of Understanding (MoU), marking a shared commitment to strengthening collaboration in academic realms.

MARCH



7 March 2024 – As part of Women’s Month celebrations, AIT welcomed renowned Indian philanthropist and author Dr. Sudha Murty, who delivered an inspiring talk on compassion, leadership, and the spirit of womanhood.



13 March 2024 – The Thailand Accident and Research Center (TARC) at AIT hosted the inaugural Thailand Road Traffic Safety Forum, uniting key stakeholders to discuss data-driven strategies and policy solutions to improve road safety across Thailand.

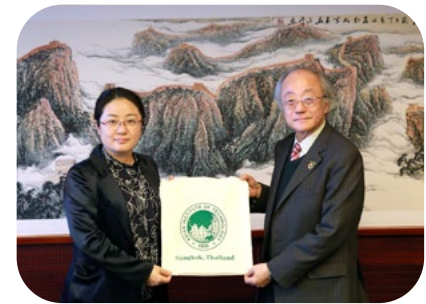


21 March 2024 – AIT and the Mekong River Commission (MRC) Secretariat, Laos, signed a Memorandum of Understanding (MoU) to strengthen cooperation and coordinate efforts for the sustainable development of the Mekong River Basin.

4 March 2025 – AIT’s Center on Gender and Forced Displacement (CGFD) organized a two-day international conference on “Gender, Geopolitics, and Forced Migration,” promoting inclusion and gender equality in geopolitics, foreign policy, and national politics.



8 March 2024 – The WePOWER Regional Knowledge Hub at the Yunus Center, AIT, marked a key milestone with the successful conclusion of the SAR100 Program Capstone Week and Award Ceremony.



8 March 2024 – AIT President Kazuo Yamamoto embarked on an 11-day official mission to the People’s Republic of China.



27 March 2024 – The Spring 2024 Career Fair, organized by the AIT Career Center, served as a vibrant platform connecting students with industry leaders, fostering opportunities for professional growth and future collaboration.

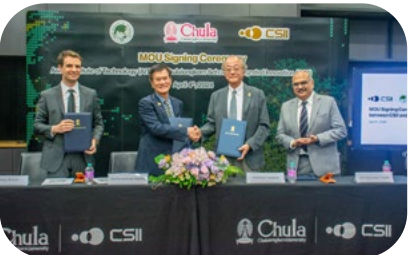
APRIL



22 April 2024 – AIT and the University of the Thai Chamber of Commerce (UTCC) signed an MoU to collaborate in teaching, training, and research in engineering, technology, and management.



1 April 2024 – Nobel Peace Laureate Professor Muhammad Yunus delivered a powerful address on the role of university education in shaping creativity and human dignity at the opening of the 11th Social Business Academia Conference (SBAC), co-hosted by the Yunus Center at AIT and the Yunus Centre, Dhaka.



4 April 2024 – AIT and the Chulalongkorn School of Integrated Innovation (CSII) signed a Memorandum of Understanding (MoU) and a Memorandum of Agreement (MoA) to establish an International Unified Bachelor-Master's Degree Program, marking a step forward in advancing academic collaboration and innovation.



3 April 2024 – AIT and PTT Exploration and Production Public Company Limited (PTTEP) signed a Memorandum of Understanding (MoU) to strengthen collaboration between academia and industry through innovative partnership.

MAY



17 May 2024 – AIT conferred an Honorary Doctor of Philosophy degree on H.E. Dr. Subin Pinkayan, former Foreign Minister of Thailand and former Chairman of the AIT Board of Trustees, at the 141st Graduation Ceremony.



17 May 2024 – At the 141st AIT Graduation Ceremony, 249 postgraduate students were conferred degrees, joining AIT's global alumni network of over 26,000 across more than 100 countries.



17 May 2024 – AIT joined the International Telecommunication Union (ITU) as an Academia Member.



22 May 2024 – AIT President Prof. Kazuo Yamamoto undertook an official visit to Bhutan to strengthen existing partnerships and explore new collaborations with key government, academic, and private sector stakeholders.

JUNE



11 June 2024 - AIT awarded an Honorary Doctor of Philosophy degree to Asian Development Bank (ADB) President Masatsugu Asakawa in recognition of his outstanding contributions to the economic, social, and technological development of Asia and the Pacific.



3 June 2024 - Three recent AIT graduates were honored with the prestigious ADB-JSP Thesis of the Year Award 2024: Anthony O. Maputi secured second place in the Infrastructure cluster; Tilasmi Aryal and Md. Julhaz Hossain received second and third place, respectively, in the Rural Development and Environment cluster.



13 June 2024 - AIT ranked in the global top 200 in the Times Higher Education Impact Rankings 2024, with top 50 placements in SDG 2 (12th), SDG 16 (31st), and SDG 1 (50th), and ranked No. 1 in Thailand for SDG 10 (Reduced Inequalities).



13 June 2024 - AIT and the Asia-Pacific Network for Global Change Research (APN) held a Memorandum of Understanding (MoU) exchange ceremony during the 26th Joint Intergovernmental Meeting and Scientific Planning Group Meeting in Jakarta, Indonesia.



28 June 2024 - AIT participated as an academic partner in the International Convention on Nation-Building, Wellness & Peace (ICNWP) 2024, held under the theme "Nation-Building, Wellness, and Peace in a World of Disparity."

JULY

10 July 2024 – AIT launched the Center for Nexus of Air Quality, Health, Ecosystem, and Climate (Air Quality Nexus Center) to address air pollution challenges through emission control solutions, research, capacity building, and policy support in developing Asian countries.



15 July 2024 – AIT and Bhutan Development Bank Limited (BDB) signed a Memorandum of Understanding (MoU) and a Memorandum of Agreement (MoA) to strengthen cooperation and support capacity building for BDB employees.



15 July 2024 – AIT, the Electricity Generating Authority of Thailand (EGAT), and the Walter Scott, Jr. College of Engineering at Colorado State University (CSU) signed a trilateral Memorandum of Understanding (MoU) to formalize their collaboration in installing the Edge Seal Module (ESM) on a floating platform at Sirindhorn Dam.



26 July 2024 – AIT and the G20 Global Land Initiative (GLI) co-hosted a five-day training program on “Urban Planning Tools for Addressing Land Degradation and Promoting Land Restoration,” bringing together 21 participants from 17 countries across South America, the Caribbean, Africa, Europe, and Asia.

23 July 2024 - A Memorandum of Understanding (MoU) was signed between the Royal Thai Police and 17 academic institutions in Thailand, including the Asian Institute of Technology (AIT), to foster research and development in technological innovations.



AUGUST



20 August 2024 - AIT marked a major step toward sustainability with the launch of its Solar Rooftop Project, developed in collaboration with BCPG Public Company Limited. Initiated in November 2020, the project reflects AIT's strong commitment to environmental stewardship and clean energy adoption in academia.

Watch Solar Rooftop Video:
<https://youtu.be/1tdh3e-t7Tg>



22 August 2024 - The AIT Board of Trustees, chaired by Dr. Anat Arbhahirama, convened for a special meeting that included the Presidential Handover Ceremony, attended by incoming President Prof. Pai-Chi Li.



15 August 2024 - For the first time in its history, AIT welcomed 30 young women from a single province in one academic session. These students from Pakistan's Khyber Pakhtunkhwa Province received fully funded master's scholarships under the ADB-supported Khyber Pakhtunkhwa Cities Improvement Project (KPCIP).

Watch Video:
<https://www.youtube.com/watch?v=cE2e8f8Bvm4&t=2s>



2 August 2024 - AIT welcomed its largest student intake since 2012, with 587 students joining the August 2024 semester. A hybrid orientation was held, with 320 attending on campus and the rest participating online.

Watch Orientation Video:
<https://youtu.be/O7IXpVCXUqE>



23 August 2024 - AIT inaugurated the AI and Simulation Lab (ASL), a state-of-the-art facility aimed at advancing AI-readiness in research, education, and innovation, positioning the institute at the forefront of global technological progress.



22 August 2024 - The AIT Board of Trustees appointed two new members: Mrs. Sudha Murty, renowned Indian author, philanthropist, and social worker, and Dr. Roshan Shrestha, Deputy Director of the Global Growth and Opportunity Division (Water, Sanitation & Hygiene) at the Bill & Melinda Gates Foundation.

SEPTEMBER



17 September 2024 - Nineteen AIT professors have been ranked among the world's top 2% most influential scientists in their respective fields, according to the latest annual rankings by Stanford University.



1 September 2024 - The Asian Institute of Technology (AIT) announced the appointment of Prof. Pai-Chi Li as its new President, effective 1 September 2024. He officially assumed office on 2 September 2024.



12 September 2024 - AIT officials participated in the Nepal Infrastructure Summit 2024 in Kathmandu, which brought together global leaders to discuss sustainable infrastructure under the theme "Driving Sustainable Development through Strategic Investment."

OCTOBER



28 October 2024 – President Professor Pai-Chi Li was granted a Royal Audience with Her Royal Highness Princess Maha Chakri Sirindhorn at Sa Pathum Palace, marking his appointment as AIT President, effective 1 September 2024.

24 October 2024 – AIT's Belt and Road Research Center (BRRC), in partnership with Tongji University and E20 Environmental Platform, co-organized the China-Thailand Environmental Cooperation Forum to foster collaboration in environmental protection across government, academia, and industry.



24 October 2024 – AIT co-organized the Green Tech Expo 2024, held from October 24-26 under the theme "Driving Sustainable Solutions: Green Technology for Business." The event brought together global leaders, researchers, and industry experts to showcase innovations promoting sustainable business practices and operational efficiency.



30 October 2024 – AIT, GL Sciences Inc. (GLS), Japan, and IDEA Consultants, Inc. (IDEA), Japan, signed a Memorandum of Agreement (MoA) to strengthen research and academic collaboration through the IDEA EEM Laboratory and IDEA R&D Center at AIT, promoting joint initiatives among the three institutions.



10 October 2024 – AIT received the prestigious International Green Gown Award in the '2030 Climate Action' category for its "Net Zero Campus Initiative," recognizing outstanding sustainability efforts in higher education globally.

Watch Green Gown Award Video:
<https://youtu.be/sNlhVmZMUb4>



23 October 2024 – AIT hosted the International Conference on Sustainable Energy (ICUE) 2024, a biennial event focused on "Energy Transition and Net Zero Climate Future," highlighting diverse solutions for a sustainable energy future.



30 October 2024 – AIT hosted an international workshop titled "Climate-Smart Agriculture in Highlands: Best Practices and Lessons Learned," bringing together over 100 experts, policymakers, development partners, academics, and farmers to explore solutions for highland agriculture.

NOVEMBER



8 November 2024 – Dr. Monthip Sriratana Tabucanon, a distinguished AIT alumna, was awarded the Order of the Rising Sun, Gold Rays with Neck Ribbon, by the Government of Japan for her outstanding contributions to environmental cooperation between Japan and Thailand.



27 November 2024 – General His Serene Highness Prince Chalermasuk Yugala graced the forum titled “Remembering the 20th Year of the 2004 Indian Ocean Earthquake and Tsunami in Thailand: Reflections for Advancing Disaster Management through Higher Education–Industry Partnerships” organised by Disaster Preparedness, Mitigation, and Management Program (DPMM) program.



22 November 2024 – The AITAA Lao Chapter hosted the 53rd AIT Alumni Association Governing Board Meeting (AITAA-GBM), bringing together 54 official delegates and 26 observers from 20 chapters worldwide, with representatives from 17 chapters attending in person.



7 November 2024 – AIT, in collaboration with the NASA, the Asian Disaster Preparedness Center (ADPC), the Hydro Informatics Institute (HII), and Kasetsart University, organized a hybrid workshop on satellite-based soil moisture. The event highlighted the importance of such data for agriculture, climate, environmental, and disaster monitoring in Southeast Asia.



28 November 2024 – AIT hosted the inaugural Industry-Academia International Business Incubation Conclave (IAIBIC 2024), themed “Inspire ~ Ideate ~ Incubate,” to foster innovation and collaboration between academia, industry, and policymakers.



29 November 2024 – The Environmental Engineering and Management (EEM) program at AIT celebrated its 60th anniversary.

DECEMBER



4 December 2024 – AIT hosted a workshop titled “Empowering Farming Communities on the Adoption of Regenerative Agriculture as Nature-Positive Solutions for Rice Production.”



11 December 2024 – AIT and Chitralada Technology Institute (CTI) signed a Memorandum of Agreement to establish joint ownership of intellectual property resulting from a collaborative research project.



16 December 2024 - The Yunus Center at AIT officially launched SAR100-2.0, a professional development program aimed at empowering 100 mid-career women engineers from South Asia to take on leadership roles in the rapidly evolving energy sector.



13 December 2024 – AIT celebrated its 142nd Graduation Ceremony, a milestone event highlighting academic excellence and international diversity, with 206 students from 18 countries graduating.



24 December 2024 – AIT formalized a partnership with Ivey Business School, Western University, Canada, to bring the prestigious Ivey LEADER (Leadership, Engagement, Achievement, Development) Program to Thailand. Under this MoU, AIT’s Entrepreneurship Center will host the program in May 2025.



The cover features a top-down photograph of a forest floor with dark, gnarled tree trunks, smooth grey and black stones, and numerous small, brown, cup-shaped mushrooms. Overlaid on this image are several semi-transparent circles in shades of teal and light green. A large white circle in the lower-left quadrant contains the title text.

**AIT
SUSTAINABILITY
REPORT
2024**

The Sustainable Development Goals (SDGs) are a set of 17 interlinked global goals designed to be a “blueprint for achieving a better and more sustainable future for all.”

The AIT Sustainability Report 2024 offers an in-depth account of the Asian Institute of Technology’s (AIT) dedication to advancing the United Nations Sustainable Development Goals (SDGs) through education, research, outreach, policy, and operations. The report serves as both a progress update and a strategic communication tool, showcasing AIT’s role in addressing critical sustainability challenges in Asia and beyond.

The 17 SDGs, developed by the United Nations, serve as a global blueprint to achieve a more just, prosperous, and environmentally secure future. With more than 60% of the world’s population residing in Asia, the region plays a pivotal role in realizing this agenda. As a premier institute in the region, AIT aligns its research and academic initiatives with five thematic areas: Climate Change; Smart Communities; Food–Energy–Water; Infrastructure; and Technology, Policy, and Society. These pillars form the foundation of AIT’s mission to alleviate poverty, reduce risks, foster green employment, and support sustainable livelihoods.

The report highlights AIT’s SDG-aligned research output, teaching innovations, community engagement, and operational practices. It includes SDG-specific dashboards, project highlights, and performance metrics, showcasing tangible impacts such as reduced carbon emissions, water conservation, inclusive education, and partnerships. Each SDG section illustrates how AIT integrates sustainability principles into its academic and institutional strategy, reinforcing its commitment to the global 2030 Agenda.

HIGHLIGHTS FROM THE 2024 REPORT

- * **Global Ranking Achievement:** AIT ranks in the global top 200 out of 2,152 institutions in the Times Higher Education (THE) Impact Rankings 2024, making it one of the top-performing universities worldwide. It secured:
 - o **12th** globally for SDG 2: Zero Hunger
 - o **31st** for SDG 16: Peace, Justice, and Strong Institutions
 - o **50th** for SDG 1: No Poverty
 - o **1st** in Thailand for SDG 10: Reduced Inequalities
- * **Net Zero by 2030 Goal:** The transformation of AIT into a Botanical Garden Campus under the Net Zero Initiative continues with measurable success. A 1.5 MW rooftop solar project across 20 buildings became operational in August 2024, already reducing electricity consumption by 11.68%, with the highest monthly savings (24.41%) achieved in December. Future plans include a 1.2 MW floating solar system and campus-wide energy retrofits. Water management infrastructure upgrades, including a ring-loop distribution system, reduced water use by 19% between 2021 and 2024. AIT aims to cut emissions by 1,900 tCO₂e annually and become a net-zero campus by 2030.
- * **Recognition & Awards:** AIT received the International Green Gown Award 2024 under the “2030 Climate Action” category, supported by UNEP and Allianz Global Investors, recognizing the campus-wide Net Zero initiative.

- * **Research Excellence:** In 2024, AIT produced 605 SDG-aligned Scopus-indexed publications, with strongest contributions to SDG 6 (Clean Water), SDG 11 (Sustainable Cities), and SDG 13 (Climate Action). Nineteen faculty were listed among the world’s top 2% most-cited researchers, reinforcing AIT’s leadership in sustainability science.
- * **Equitable Education:** AIT awarded financial support to 82.3% of its students, with a particular focus on students from low- and lower-middle-income countries, directly advancing SDG 1 (No Poverty) and SDG 4 (Quality Education).
- * **Community & Global Engagement:** The report features collaborative projects in climate resilience, regenerative agriculture, inclusive tourism, gender-responsive policy, and digital innovation across Southeast Asia, and beyond.

AIT’s Sustainability Report 2024 illustrates the Institute’s unwavering commitment to delivering impactful solutions to regional and global sustainability challenges. It reflects AIT’s evolution into a living laboratory for sustainability, embedding the SDGs into all levels of institutional function. AIT continues to set an example in the pursuit of a greener, more equitable future, from data-driven decarbonization plans to globally recognized research and student inclusion programs.

Access the full report: <https://ait.ac.th/sustainability-reports>



**AWARDS
AND
RECOGNITIONS**

FACULTY ACHIEVEMENTS

School of Environment, Resources and Development

1. **Dr. Joyee Chatterjee** and **Dr. Thi Phuoc Lai Nguyen** were promoted from the rank of Assistant Professor to Associate Professor.
2. **Prof. Avishek Datta** was the first faculty to be featured in "Know our Researcher," a quarterly series spotlighting AIT's groundbreaking research and capacity-building efforts. This initiative aims to showcase the diverse and high-quality research conducted by our esteemed researchers across Schools and Centers of excellence. <https://ait.ac.th/know-our-researcher/>
3. Co-authors **Prof. Nophea Sasaki**, **Dr. Takuji** at SERD and **Dr. Sylvia** were honored with the Most Cited Paper Award 2023 from Resources, Conservation & Recycling Advances (RCRADV) for their influential paper titled "Factors influencing farmers' adoption of a mobile app in the marketing of bamboo products."
4. **Prof. Avishek Datta** was awarded the AIT Distinguished Researcher Award and **Dr. Ha Thanh Dong** was awarded the AIT Young Researcher Award and were presented a Certificate of Recognition and a Cash Award at the 141st Graduation Ceremony on May 17th, 2024.
5. **Dr. Sushil Himanshu**, Assistant Professor, Agricultural Systems and Engineering academic program, was honored with the Young Researcher Award 2024 by the Asian Association for Agricultural Engineering in collaboration with the Thai Society of Agricultural Engineering.

This prestigious award was presented at the International Agricultural Engineering Conference, held from May 22-24, 2024, during AGRI-TECHNICA ASIA 2024 at the Bangkok International Trade & Exhibition Centre (BITEC).

6. **Dr. Sushil Himanshu's** book, "Agri-Tech Approaches for Nutrients and Irrigation Water Management," was

published by CRC Press, Taylor and Francis (ISBN 9781032450230).

7. **Prof. P. Abdul Salam**, Dean of SERD, was appointed to the Board of Directors of the International Institute of Energy Conservation (IIEC).
8. **19 distinguished professors** from AIT have been recognized among the Top 2% of the World's Most Influential Scientists, as per the latest rankings by Stanford University. 10 members are from SERD.
9. **Dr. Sushil Himanshu** joined the editorial board of Scientific Reports, part of the prestigious Nature Portfolio, as an editorial board member.
10. **Prof. P. Abdul Salam**, Dean, has been appointed to the Board of Directors of the International Institute of Energy Conservation (IIEC).

School of Engineering and Technology

1. **Prof. Sangam Shrestha**, Dean of AIT-SET, was appointed to the Steering Committee of the Asia-Pacific Network for Global Change Research (APN).
2. **Prof. Thammarat Koottatep**, EEM program and Co-Director of AIT's Global Water & Sanitation Center, was appointed to the RISE Scientific Advisory Panel for his contributions to sustainable sanitation and wastewater management.
3. **Prof. Nitin Kumar Tripathi** from AIT co-edited the newly published book - Developments and Applications of Geomatics, which explores GIS applications in climate change, disaster monitoring, and more, marking a valuable contribution to research and professional practice in geomatics.



4. **Prof. Attaphongse Taparugssanagorn**, faculty in the Telecommunications program at AIT, was awarded the prestigious title of Docent by the University of Oulu, Finland. His docentship, under the Faculty of Information Technology and Electrical Engineering, focuses on “Bridging Classical and Non-Classical Signal Processing Approaches for Enhanced Communication Systems.”
5. Nineteen AIT faculty members were listed among the world’s top 2% most influential scientists by Stanford University, recognizing their research impact across fields like environmental engineering, energy, AI, and agriculture. Eight from SET were honored for both career-long and single-year impact.

Recognized for Both Career-Long and Single-Year Impact:

- **Emeritus Prof. Dennes T. Bergado** – Geological & Geomatics Engineering
- **Emeritus Prof. Chettiyappan Visvanathan** – Environmental Sciences
- **Prof. Phan Minh Dung** – Artificial Intelligence & Image Processing
- **Prof. Sangam Shrestha** – Environmental Engineering

Recognized for Career-Long Impact:

- **Emeritus Prof. A.S. Balasubramaniam** – Geological & Geomatics Engineering
- **Emeritus Prof. Chongrak Polprasert** – Environmental Engineering

Recognized for Single-Year Impact:

- **Emeritus Prof. Tawatchai Tingsanchali** – Environmental Engineering
- **Distinguished Prof. Mukand S. Babel** – Environmental Engineering

6. **Prof. Sangam Shrestha**, Dean of AIT’s School of Engineering and Technology and Co-Director of the AIT Global Water & Sanitation Center, was ranked No. 9 globally in Climate Change and River Studies by ScholarGPS. This prestigious recognition places him in the top 0.05% of scholars worldwide, honoring his impactful research and academic leadership in water and climate-related fields.
7. **Prof. Attaphongse Taparugssanagorn** released *Decoding Wireless Communications*, a book that explains wireless technology from basic concepts to advanced topics like 5G, AI, and IoT in an accessible way. His earlier book, *Classical and Non-Classical Signal Processing*, features rap-rhymed summaries to make learning engaging.
8. **Dr. Indrajit Pal** co-authored a study in *Nature Reviews Earth and Environment* on building resilience in key Asian mega-deltas, addressing flooding, erosion, and subsidence, and emphasizing collaboration for sustainable delta management.

School of Management

1. **Dr. Yuosre Badir**, Assoc. Prof. has been promoted to Full Professor for his outstanding research, teaching, and academic leadership contributions.
2. **Prof. Yuosre Badir** has been appointed as Acting Dean for the School of Management (SOM)
3. **Prof. Yuosre Badir** moderated a session: “The Collaboration Among the Public, Private, and People Sectors in Addressing Disparity: Challenges and Pathways to Success” at the International Convention on Nation-Building, Wellness & Peace (ICNWP) 2024, held from June 26 to 28, 2024.
4. **Associate Professor Dr. Joseph French** has been appointed Guest Editor of the *Research in International Business and Finance Journal*.
5. **Dr. Joseph French**, Assoc. Prof. has been appointed as a Visiting Scholar,
 - Shanghai International Studies University (China), - May 2024
 - Hitotsubashi University, Tokyo (Japan), March 2024
6. **Dr. Mohammad Junaid**, Assistant Professor, was invited as guest speaker:
 - Navigating the Research Process: Crafting Optimal Relationships for Engagement and Well-being, RMIT, Australia (Semester 2 - 2024)
 - Digital Marketing Ethics, Integrity, and Islamic Values, Sultan Qaboos University, Oman (December 15, 2024)
 - Digital Marketing Ethics Institution: Sultan Qaboos University, Oman (May 4, 2024)

STUDENT ACHIEVEMENTS



School of Environment, Resources and Development

1. **Mr. Ranjit Singh** (PhD candidate), **Mr. Daniel Rice** (Master student), **Ms. Manisha Anand** (PhD Candidate), and **Ms. Dipika Trivedi** (PhD candidate) from the Department of Food, Agriculture and Natural Resources secured the FIRST prize in the "Innovate for Impact: Solutions to Combat Plastic Pollution in River and Canals" competition organized by AIT Entrepreneurship Center.
2. **Md. Julhaz Hossain** from the Agribusiness Management academic program secured third place in the ADB-Japan Scholarship Program "Thesis of the Year Award 2024" in the Cluster Rural Development and Environment. His thesis topic was, "Omnichannel Interactions and Customers' Value Co-creation Behavior: Evidence from City Corporation Areas of Bangladesh," delves into the growing popularity and challenges of organic food in Bangladesh.
3. **The team "KaseChar"** from the Natural Resources Management (NRM) academic program was selected to participate in the prestigious SCG Bangkok Business Challenge 2024. Globally, there were 20 teams participating in this event.
4. **Ms. May Myat Noe**, an NRM student, was chosen to participate in the Summer School on "Enhancing Academic Qualifications in Teaching and Research in Global Health" at the Heidelberg Institute of Global Health, Heidelberg University, Germany. This program is part of being DAAD scholars at AIT and is funded by DAAD.
5. An article on this topic titled "Why More And More Youths Are Leaving Agriculture? Rational Economic Sense Or Something Else?" was published by **Mr. Pratik Poudel**, a PhD Candidate from the Development Planning Management and Innovation (DPMI) academic program. The full article is available here: <https://www.spotlightnepal>.

- com/2024/07/01/why-more-and-more-youths-are-leaving-agriculture-rational-economic-sense-or-something-else/
6. **Ms. Konomi Kawazoe** (Urban Innovation and Sustainability academic program), Ms. Ha Ngoc Huong Mai (Climate Change and Sustainable Development academic program) and Ms. Eaindray Aung (Natural Resources Management academic program) participated in the prestigious 2024 SIGS Global Summer School at Tsinghua University in Shenzhen, China.
 7. **Mr. Warakorn Pumma**, master student in the Urban Innovation and Sustainability (UIS) program was awarded the prestigious Thai Pipe Industry Co., Ltd. exchange scholarship to study at the Tokyo Institute of Technology (Tokyo Tech), Japan.
 8. Six talented students from SERD; **Dipika Trivedi, Sameera Sandaruwan Yakdehi Kankanamge, Myat Thinzar Lin, Mriganka Kaustab Talukdar, Nanduni Madumali Wasala Mudiyanse-lage, and Eain Dray Aung**—participated in the prestigious Ochanomizu University Summer Program for Global Leaders 2024, held from July 18 to August 2, 2024.
 9. **Ms. Parichat Meesomsakdi**, a master's student, and Marissa Hernando-Valdez, a Ph.D. student from the Gender and Development Studies Academic Program participated in the Ochanomizu University– Asian Institute of Technology Workshop Program in Tokyo, Japan, from July 25 to August 1, 2024.
 10. The Department of Energy and Climate Change nominated Doctoral Scholar **Mr. Krishna Prakash Natarajan** to represent the AIT at the esteemed “2nd International Forum on Regional Cooperation for Green Mountain Sustainable Development” in Chongqing, China. Four-day event held during 25th – 28th September 2024 was hosted by the Chongqing Renewable Energy Society (CRES) in collaboration with the Chongqing Energy Research Society (CQERS). The forum was attended by global experts from the United Nations, Southeast Asia, and China. The activities included keynote speeches, in-depth discussions, and industrial park visits, aimed to facilitate international technology transfer.
 11. The paper titled “A Multi-Objective Approach to Allocate Distributed Generations in Distribution Networks by Using Ant Lion Optimizer” authored by **Krishna Prakash N., Dr. Jai Govind Singh and Mr.Tong Menghour** received the Best Paper Award in 3rd IEEE International conference on Control, computing, Communications and Materials 2024 (ICCCCM-2024) held during 10th – 11th august 2024 at United College of Engineering & research, Pragyraj, India.
 12. The team, led by **Mr. Ranjit Singh**, a doctoral student in Food Engineering and Bioprocess Technology (FEBT), and **Mr. Johnmel Valerozo**, a master's student in Food Innovation, Nutrition, and Health (FINH), won the First Prize in the country-level (Thailand) competition of the “SDG Summer School,” organized by the Asian Institute of Technology (AIT), AIT Entrepreneurship Center (EC) and the University of Geneva, Switzerland.
 13. **Mallappa J. Madolli**, a Ph.D. candidate in the Agricultural Systems and Engineering (ASE) Academic Program who is conducting exciting research on enhancing sustainable agriculture. Under the supervision of Dr. Sushil Himanshu, Assistant was featured in AIT website and AIT gazette. Link: <https://ait.ac.th/2024/09/effect-of-plant-growth-regulators-on-growth-parameters-and-fruit-yield-of-cherry-tomato-in-a-hydroponic-system/>
 14. **Miss Pornya Khampratueng**, a PhD Scholar in the Food Engineering and Bioprocess Technology (FEBT) academic program is conducting research on microbial solutions for sustainable plastic degradation under the supervision of Prof. Anil Kumar Anal. Her research was featured and published in AIT website and AIT gazette. Link: <https://ait.ac.th/2024/10/plastic-to-biomass-harnessing-microbial-forces-for-cleaner-future/>
 15. **Surendra Tiwari**, a Ph.D. scholar in the Development Planning Management and Innovation (DPMI) Program has made significant contributions to the field of inclusive and sustainable rural development studies under the supervision of Associate Professor Dr Thi Phuoc Lai Nguyen. His research was featured in AIT website and AIT gazette. Link: <https://ait.ac.th/2024/10/rural-revitalization-through-inclusive-and-sustainable-tourism-development/>
 16. **Avrojyoti Barua's** study, Towards a Zero Carbon Future for Thailand's Power Sector, under the supervision of Prof. Weerakorn Ongsakul, Professor at the Department of Energy and Climate Change and Prof. Joyasree Roy, Distinguish Professor and Director & Founder SMARTS center, presents a comprehensive and data-driven roadmap to decarbonizing the power sector, using the advanced SWITCH model for energy system optimization. His study was featured in IT website and Gazette. Link: <https://ait.ac.th/2024/11/towards-a-zero-carbon-future-how-thailand-can-lead-the-energy-transition-by-2050/>
 17. **Lopa Islam**, a master's student at the Climate Change and Sustainable Development academic program (CCSD), has conducted groundbreaking research titled “Climate Finance Mechanisms in Bangladesh: An Assessment.” Her work provides an in-depth examination of climate finance flows, allocation processes, and barriers to effective climate funding in Bangladesh, highlighting critical areas for improvement in achieving sustainable adaptation and mitigation goals. Her research was highlighted in AIT website and gazette. Link: <https://ait.ac.th/2024/11/ait-masters-student-lopa-islam-conducts-in-depth-analysis-of-climate-finance-mechanisms-in-bangladesh/>
 18. The Department of Energy and Climate Change nominated Doctoral Scholar **Mr. Krishna Prakash Natarajan** to present his research at a poster session in "Confluence of Indian Researchers in Thailand: Bridging Innovations from Academia to Industry", organized by the Embassy of India, Bangkok and the IIT Alumni Association, Thailand on 19th Octo-

ber 2024. The research findings on 'Energy Management System for Residential Community' were presented during the session. The event was attended by Industry experts, academicians, entrepreneurs and researchers from top Thai universities.

19. **Ms. Shwe Yi Myint Myat** (Myanmar), a master's student in the Development, Planning Management and Innovation (DPMI) academic program under the supervision of Dr. Thi Phuoc Lai Nguyen, participated in the prestigious Royal Military Academy Exhibition held at Chulachomklao Royal Military Academy (CRMA) on 18-19 November 2024 and highlight her research project, titled "Assessment of Energy Access and Impacts on Human Capital of the Karen and Karenni Refugee Camps in Thailand," to HRH Princess Maha Chakri Sirindhorn's who visit the AIT booth on 19 November 2024.
20. **Mr. Saif Ashraf** from SE program received scholarship from Jameel education foundation UK for a dual degree masters exchange program between Asian Institute of Technology with Indian Institute of Technology Gandhinagar India.
21. **Sikshya Adhikary Rana**, doctoral student from GDS program has received an award from Duke University to attend the 18th annual Feminist Theory Workshop (FTW) on March 21-22, 2025, in Durham, NC. As a PhD scholar in Gender and Development Studies at AIT specializing in feminist political ecology, this recognition marks a significant milestone.
22. **Mr. Nguyen Tien Vinh**, a PhD student from the Aquaculture and Aquatic Resources Management (AARM) program at SERD, participated in the International Veterinary Vaccinology Network Conference 2024, held in Ho Chi Minh City. His innovative research on combating bacterial infections in aquaculture earned him the prestigious Poster Presentation Award.
23. **Three students** from SERD (NRM, UIS and CCSD) participated in the Tsinghua SIGS Global Summer School 2024. It was a 12-day program from June 24 to July 5, 2024.

Held at Tsinghua Shenzhen International Graduate School in Shenzhen, Guangdong, students had the opportunities to attend lectures delivered by acclaimed Tsinghua faculty, explored Shenzhen - the 'Chinese Silicon Valley' and experienced how the forefront of tech innovation integrates with traditional culture.

24. SERD students who received different prestigious awards for their excellence in studies are as below:
 - * **The C. Kwei Lin Prize for Aquaculture and Aquatic Resources Management (AARM)**
Ms. Suryasnata Das
 - * **The Mahadeo N. Salokhe for Agribusiness Management (ABM)**
Ms. Sushmita Satappa Malagi
 - * **The Dr. R.K. Sivanappan Award Prize for Agricultural Systems and Engineering (ASE)**
Ms. Aliza Adhikari
 - * **The Hisamatsu Prize for Food Engineering and Bioprocess Technology (FEBT)**
Mr. Sanjaya Karki
 - * **The Yoshiro Takasaki Prize for Food Innovation Nutrition and Health (FINH)**
Ms. Nontikarn Taramark
Ms. Socheata Leng
 - * **The Robert B Banks Prize for Environmental Engineering and Management (EEM)**
Ms. Asamaporn Punkru
 - * **The Tim Kendal Memorial Prize for Natural Resources Management (NRM)**
Mr. Hein Htet Zaw
 - * **The Prof. Shabbir H. Gheewala Prize in Development and Sustainability (DS)**
Mr. Nguyen Tan Danh
 - * **The AIT Alumni Association Prize (most outstanding graduate)**
Mr. Sanjaya Karki
 - * **The Robert C. Bodden Prize (most outstanding woman)**
Ms. Sushmita Satappa Malagi

School of Engineering and Technology

1. The Seismic Model Competition 2.0, organized by the Structural Engineering Forum, a student-led initiative and supported by CSI Bangkok and EARTH, concluded on 30 July 2024.
2. Tilasmi Aryal, graduate of the Water Engineering and Management (WEM) Program, has received the prestigious ADB-JSP Thesis of the Year Award 2024, securing second place in the Rural Development and Environment Cluster with her thesis on "A Novel Approach for River Discharge Prediction in the Lancang Mekong River Basin: Incorporation of Multisource Remote Sensing LSTM Model."
3. Anthony O. Maputi, graduate of the Bio-Nano Material Science and Engineering (BNMSE) program received the ADB-JSP Thesis of the Year Award 2024, securing Second place in the Infrastructure Cluster with his thesis on "UV-Irradiated Photocatalytic Degradation of Flexible Polyurethane Foam."
4. Binay Karna, Rahul Kasaudhan, Muhammad Hammad, and Tungish Uprety from The Structural Engineering and Water Management and Engineering programs earned the Honorable Mention Award among 100 teams from 20 countries at the 2nd BU X Berkeley SkyDeck Fund Hackathon 2024 held at Bangkok University.
5. Mr. Paramat Sribuaiam, enrolled in the Construction Engineering and Infrastructure Management Program was awarded the Dr. Rafiul Ahad and Mrs. Frances Kasala Ahad Student Exchange scholarships for the exchange program at the University of Tokyo, Japan, from October 2024 to March 2025.
6. The Water Engineering and Management Program and Global Water and Sanitation Center hosted a World Water Day event at AITCC's Robert Banks Auditorium, themed "Water for Peace" featuring speeches and competitions. Hoang Minh "Thomas" Nguyen and Rahul Kasaudhan



won the first and third awards in the Monologue Competition.

7. Ashish Goswami, Ph.D. student in the Bio-Nano Material Science Engineering Program, received the 2024 Future Environmental Leaders ABCD-Centre Scholarship from TU Dresden's Institute for Hydraulic Engineering and Technical Hydro-mechanics (IWD) for his research on water security, resource management, and treatment.

- * **The Hisamatsu Prize for Data Science and Artificial Intelligence**
Mr. Ati Tesakulsiri
- * **The John A Hrones Prize for Remote Sensing and Geographic Information Systems (RSGIS)**
Ms. Marichu Florentino Itang
- * **The Hisamatsu Prize for Mechatronics and Machine Intelligence (MMI)**
Mr. Thongtong Eamsaard
- * **The Mahesh Varma Prize for Construction, Engineering and Infrastructure Management (CEIM)**
Mr. Phongsatorn Srisuttisaard

- * **The Chin Fung Kee Prize for Geotechnical and Earth Resources Engineering (GTE)**
Mr. John Christian Leorna Gaviola
- * **The The Barbara and John Hugh Jones Prize for Transportation Engineering (TRE)**
Mr. Tawan Norsakul
- * **The Chainarong Na Lamphun Prize for Water Engineering and Management (WEM)**
Mr. Nipuna Senaratne
- * **The Prof. Emeritus Madan Mohan Das Memorial Prize for Water Engineering and Management (WEM)**
Ms. Eunice Agtual Dumagpi
Mr. Tungish Uprety
- * **The Hodaka and Hiroyoshi Prize for Water Engineering and Management (WEM)**
Mr. Tungish Uprety
- * **The AIT Alumni Association Prize (most outstanding graduate)**
Mr. Kittisak Kasempanyavat
- * **The Robert C. Bodden Prize (most outstanding woman)**
Ms. Wimalin Kaewmakoon

School of Management

1. Four Master's students from the AIT School of Management (SOM) - **Neha Dahal, Utkarsh Poudel, Hem Raj Bhatta, and Abhinash Uprety** participated in the 2024 Industrial LINCage Festival for Global Leaders (Global Festival 2024) in Seoul, South Korea, from August 4 to 15, 2024.
2. **Apichai Pholkosol**: Best Submission
3. **Nguyen Van Tam**: Best Poster
4. **Le Phuong Lan**: Best Early Stage Submission

ALUMNI RECOGNITION



DR. ALVIN

Appointed by Philippine President Ferdinand Marcos, Jr. as the Commissioner for Science & Technology at the United Nations Educational, Scientific and Cultural Organization (UNESCO) National Commission of the Philippines.

Dr. Alvin obtained his Master of Engineering in Energy from the Asian Institute of Technology (AIT) in Bangkok, Thailand, in 1990 and earned his Doctoral Degree in Mechanical Engineering from the University of Portsmouth in the United Kingdom in 1996. He furthered his studies as a Post-Doctoral Study Fellow in Management of Technology in 1997 at the Science and Technology Policy Research at the University of Sussex, Falmer, Brighton, United Kingdom and as a Postdoctoral Visiting Fellow in Environmental Systems Engineering in 2004 at the University of Portsmouth, United Kingdom.



DR. EFREN LINAN

Dr. Efren Linan, Vice-President for Research, Development, and Extension, has been elected by the Chairperson and Members of the Board of Regents of Capiz State University (CAPSU) as the 4th President of the University. Dr. Linan officially began his

presidency on September 9, 2024.

Dr. Linan is a registered Agricultural Engineer and a licensed Teacher. He earned his Master's Degree in Environmental Engineering and Management from the Asian Institute of Technology (AIT), Bangkok in Thailand in 2009 and completed his Doctoral Degree in Environmental Science at the University of the Philippines, Los Banos, Laguna, Philippines.



DR. MONTHIP SRIRATANA TABUCANON

Conferment of Dr. Monthip Sriratana Tabucanon, "The Order of the Rising Sun, Gold Rays with Neck Ribbon" by the Government of Japan in recognition of her outstanding contributions in environmental cooperation. She has been recognized as a pivotal figure

in fostering environmental cooperation between Japan and Thailand. Many Japanese environmental experts dubbed her as "Mother of Japan-Thailand Cooperation on Environment". The conferment ceremony was held on 5 November 2024 hosted by the Ambassador of Japan to Thailand, H.E. Mr. OTAKA Masato, at his residence.

Dr. Monthip graduated with a Master in Environmental Engineering and Management in 1978 at the Asian Institute of Technology (AIT), Thailand and earned her PhD in Urban Engineering from The University of Tokyo, Japan.



MR. KAMAL KISHORE

Appointment of Mr. Kamal Kishore from India as Assistant Secretary-General and Special Representative of the Secretary-General for Disaster Risk Reduction, United Nations Office for Disaster Risk Reduction (UNDRR).

Mr. Kishore holds a Master of Science in Urban Development Planning and Environment Management in 1996 from the Asian Institute of Technology, Bangkok, Thailand, and a Bachelor of Architecture from the Indian Institute of Technology, Roorkee, India.



MR. GEM TSHERING

Appointment of Mr. Gem Tshering as the Minister of the Ministry of Energy and Natural Resources, Government of Bhutan on 28 January 2024. Lyonpo (Minister) Gem Tshering is one of the ministers among the total of 9 (nine) ministers in addition to the Prime

Minister (Lyonchen) who is the Head of the Government. He graduated with a Master of Engineering in Energy, School of Environment, Resources and Development at the Asian Institute of Technology in 1994 and was the President of the AITAA Bhutan Chapter from April 2019 to December 2022.



PROF. DR. MD. JAHANGIR ALAM

Appointment of Prof. Dr. Md. Jahangir Alam as the Vice-Chancellor of Jatiya Kabi Kazi Nazrul Islam University, a leading public university in Bangladesh.

Prof. Alam earned his Master of Science in Urban Development Planning and Environment Management in 1999 and he completed his Doctor of Philosophy in Regional and Rural Development Planning in 2011 at the School of Environment, Resources and Development at the Asian Institute of Technology (AIT) in Bangkok, Thailand.



PROF. RABIN TULADHAR

Appointment of Prof. Rabin Tuladhar as Dean of Engineering and Technology at Central Queensland University, Australia.

Prof. Tuladhar obtained his Bachelor of Civil Engineering from National Institute of Technology Silchar, India. He completed his Ph.D. in Structural Engineering from Saitama University, Japan and received a Master of Engineering degree in Structural Engineering from the Asian Institute of Technology in 2002.



PROF. SOE WIN MYINT

Appointment of Prof. Soe Win Myint as Endowed Chair Professor in the Department of Geography and Environmental Studies, Texas State University, U.S.A.

Prof. Myint obtained a Bachelor of Science in Forestry from Rangoon University, Myanmar and a Post-Graduate Diploma in Forest Survey (Aerospace Remote Sensing Techniques) from the International Institute for Aerospace Survey and Earth Sciences (ITC) in the Netherlands. He completed his Ph.D. in Geography with a specialization in GIScience from Louisiana State University and received a Master of Science degree in Natural Resources Planning and Management from the Asian Institute of Technology in 1994.



HON. (DR.) PROF. ANIL JAYANTHA FERNANDO

Hon. (Dr.) Prof. Anil Jayantha Fernando, M.P. has been appointed as the Minister of Labour and Deputy Minister of Economic Development. He was elected to the parliament in the 2024 Sri Lankan parliamentary election representing Gampaha Electoral District.

Hon. Jayantha is a Sri Lankan Economist and politician. He completed his Doctoral degree and Master of Business Administration (International Business) at the Asian Institute of Technology, Bangkok Thailand. He also obtained a Master of Business Administration (Finance) at ESAP_ EAP European Business School, Paris France and a Postgraduate Diploma in Accounting and Financial Management, University of Sri Jayewardenepura. He finished his Bachelor of Commerce (Honours) Degree with first class pass at the University of Kelaniya, Sri Lanka.



**FACTS
AND
FIGURES**



STUDENT AT A GLANCE

Student Intake

In 2024, out of a total of 4,787 applications, 830 new students joined AIT, including 80 in the special program: exchange and visiting students.

In the January 2024 semester (including the March and June terms of SOM), 156 new students were enrolled in the degree and special programs. These are from 18 different countries from five different regions: Southeast Asia and the Pacific, South Asia, East Asia, and Europe. Of these, 22% enrolled in the School of Engineering and Technology (SET), 21% in the School of Environment, Resources and Development (SERD), and 57% in the School of Management (SOM). Approximately 24% of students were women. In this intake, 6% of the students received scholarships (full tuition fee subsidy), 60% received AIT Scholarships (partial tuition fee subsidy), and 34% were self-supporting.

In the August 2024 semester (including the October term of SOM), 674 new students were enrolled in degree and special programs. These are from 29 countries from five different regions: 48% from Southeast Asia and the Pacific, 37% from South and West Asia, 3% from East and Central Asia, and 3% from Europe and Africa. Around 43% of these were enrolled in SET, 30% in SERD, and 27% in SOM. Approximately 43% of these students were women. Approximately 43% of these students were women. In this intake, 32% of students received full scholarships, which included living allowances. Additionally, 25% received scholarships covering tuition and registration fees only. External donors funded 3%, and 40% received an AIT scholarship (partial) with self-support.

STUDENT INTAKE

In 2024, out of a total of

4,787
applications

830

new students joined AIT, including

80

the special program: exchange and visiting students.

Student Graduation

School	Department	2022	2023	2024
SET	ICT	92	100	73
	ISE	20	15	34
	CIE	120	114	111
	WREE*	-	-	19
SET Total		232	229	237
SERD	FAB	30	30	27
	FANR*	-	-	14
	EECC	81	45	19
	ECC*	-	-	15
	DS	35	57	59
SERD Total		146	132	134
SOM		118	166	187
SERD-SET		5	10	1
Open Degree		-	-	1
Institute total		503	542	560
Graduation on time		172	169	179
Percentage		34%	31%	32%

STUDENT ENROLMENT

In 2024, The average total enrollment

2,500

from

62

countries

Student Enrolment

The average total enrollment (new and continuing students) in 2024 was 2,500 from 62 countries.

Of these, 67% were enrolled in a master's program, 28% in a doctoral program and the rest in other programs, with 43% enrolled in SET, 27% in SERD, 29% in SOM, and the rest in interdisciplinary programs. The male-female distribution was around 59–41%.

STUDENT AT A GLANCE

Student Prizes

SCHOOL OF ENGINEERING AND TECHNOLOGY

- | | | |
|--|--|--|
| * The Hisamatsu Prize for Data Science and Artificial Intelligence
Mr. Ati Tesakulsiri | * The Chin Fung Kee Prize for Geotechnical and Earth Resources Engineering
Mr. John Christian Leorna Gaviola | * The Prof. Emeritus Madan Mohan Das Memorial Prize for Water Engineering and Management
Ms. Eunice Agtual Dumagpi |
| * The John A Hrones Prize for Remote Sensing and Geographic Information Systems
Ms. Marichu Florentino Itang | * The Barbara and John Hugh Jones Prize for Transportation Engineering
Mr. Tawan Norsakul | * The Hodaka and Hiroyoshi Prize for Water Engineering and Management
Mr. Tungish Uprety |
| * The Hisamatsu Prize for Mechatronics and Machine Intelligence
Mr. Thongtong Eamsaard | * The Wen-Jei Yang Prize for Structural Engineering
Mr. Sajedur Rahman | * The AIT Alumni Association Prize (most outstanding graduate) in SET
Mr. Kittisak Kasempanyavat |
| * The Mahesh Varma Prize for Construction, Engineering and Infrastructure Management
Mr. Phongsatorn Srisuttisaard | * The Chainarong Na Lamphun Prize for Water Engineering and Management
Mr. Nipuna Senaratne | * The Robert C. Bodden Prize (most outstanding woman) in SET
Ms. Wimalin Kaewmakoon |

SCHOOL OF ENVIRONMENT, RESOURCES AND DEVELOPMENT

- | | | |
|---|--|---|
| * The C. Kwei Lin Prize for Aquaculture and Aquatic Resources Management
Ms. Suryasnata Das | Mr. Sanjaya Karki | Mr. Hein Htet Zaw |
| * The Mahadeo N. Salokhe for Agribusiness Management
Ms. Sushmita Satappa Malagi | * The Yoshiro Takasaki Prize for Food Innovation Nutrition and Health
Ms. Nontikarn Taramark | * The Prof. Shabbir H. Gheewala Prize in Development and Sustainability
Mr. Nguyen Tan Danh |
| * The Dr. R.K. Sivanappan Award Prize for Agricultural Systems and Engineering
Ms. Aliza Adhikari | * The Robert B Banks Prize for Environmental Engineering and Management
Ms. Asamaporn Punkru | * The AIT Alumni Association Prize (most outstanding graduate) in SERD
Mr. Sanjaya Karki |
| * The Hisamatsu Prize for Food Engineering and Bioprocess Technology | * The Tim Kendal Memorial Prize for Natural Resources Management | * The Robert C. Bodden Prize (most outstanding woman) in SERD
Ms. Sushmita Satappa Malagi |

SCHOOL OF MANAGEMENT

- | | |
|---|--|
| * The Wilhelm Hill Prize
Mr. Keshav Raj Pokhrel | * The AIT Alumni Association Prize (most outstanding graduate) in SOM
Mr. Md. Mahiuddin Sabbir |
| * The Sandeep Kalita Memorial Prize
Mr. Jaruboot Angsanakul | * The Robert C. Bodden Prize (most outstanding woman) in SOM
Ms. Natta Chiradejnant |

STUDENT AT A GLANCE

Research Data 2024

School/AP	Doctoral Students' Dissertation	Master's Student Research				Total Students' Research
		Thesis	Research Studies	Internships	Projects	
SET	28	147	23	1	25	224
BNM		6				6
CE					3	3
CEIM	2	13	2		20	37
CS	2	4	2			8
DSAI		12	6			18
GTE		10				10
ICT	3	1				4
IM	1	2	7	1		11
IME	1	13				14
IOT	1	2	1			4
ME	1	1				2
MES	2					2
MI	1					1
MMI		9				9
PMDS					2	2
RSGIS	5	12	3			20
STE	1	29				30
TC	1	2	2			5
TE	2	9				11
WEM	5	22				27
SERD	23	98	10	2	0	133
AARM		4		1		5
ABM	1	7		1		9
ASE	1	6				7
CCSD	2	9				11
DPMI	2	6				8
DS	2	6	1			9
E	4	1				5
EEM	1	13	1			15
FEBT	1	8				9
FINH	1	8				9
GDS	1	11	1			13
NRM		6	3			9
RRDP	3					3
SE	1	7	1			9
SEG		2				2
UEM	3		1			4
UIS		4	2			6
SOM	19	0	16	4	12	51
BADT			3	1	2	6
IF			3			3
MBA-D			10	3		13
PMBADT					10	10
DBA	14					14
DBA(VN)	1					1
SM-PHD	4					4
SET&SERD	0	3	0	0	0	3
DPMM		3				3
Open Degree	0	0	1	0	0	1
OM-BMI			1			1
TOTAL	70	248	50	7	37	412

Career Center

The Career Center organized one Career Fair in March 2024, attracting a total of 375 visitors of which 268 were students.

The first ever Career Forum was also organized in November 2024, attracting a total of 201 student visitors.

A total of 13 Career Talks were organized for companies during the year with 232 students taking part.

CAREER FAIR

Total Number of Visitors

375
Students
268

CAREER FORUM

Total Number of Student Visitors

201

CAREER TALKS

Total Number of Talks

13
Total Number of Companies

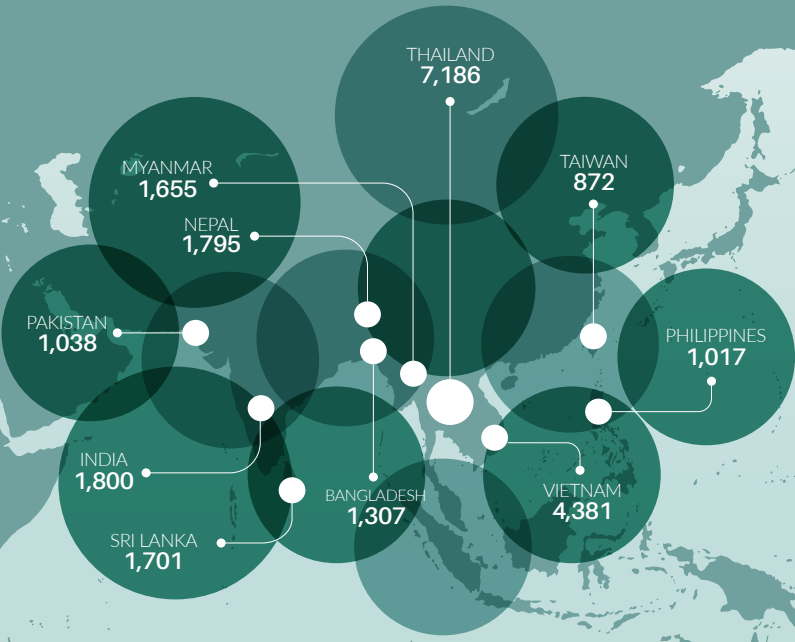
13
Total Number of Visitors

232

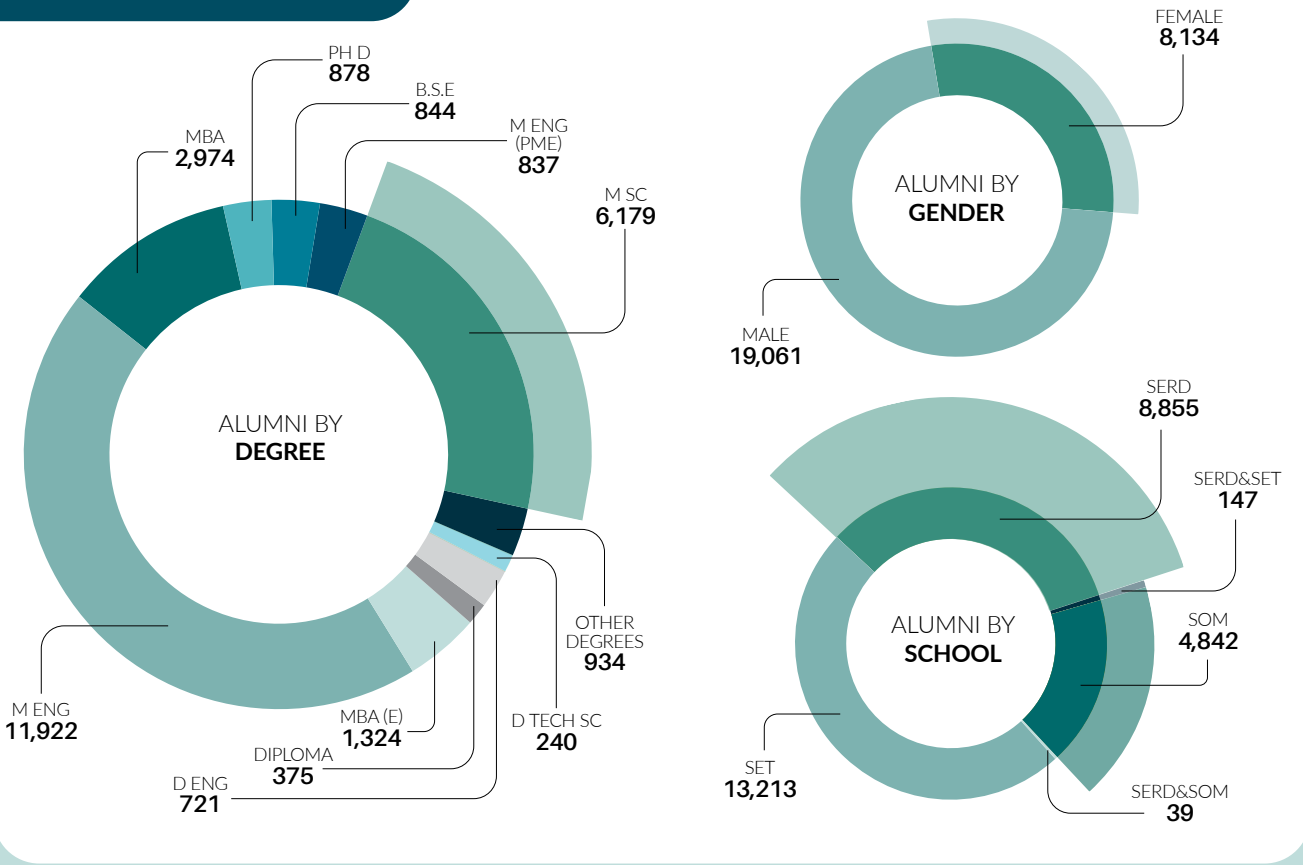
ALUMNI AT A GLANCE

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

2024
total alumni **27,195**



Alumni by Degree, School and Gender

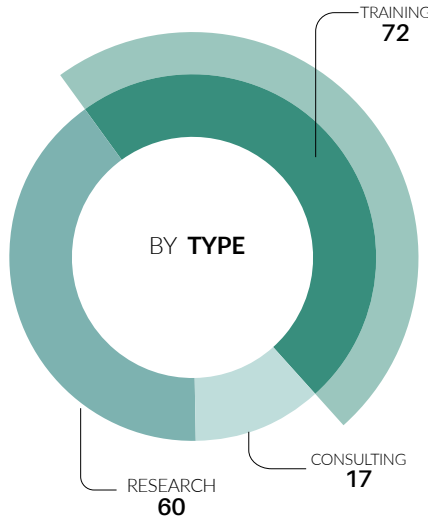
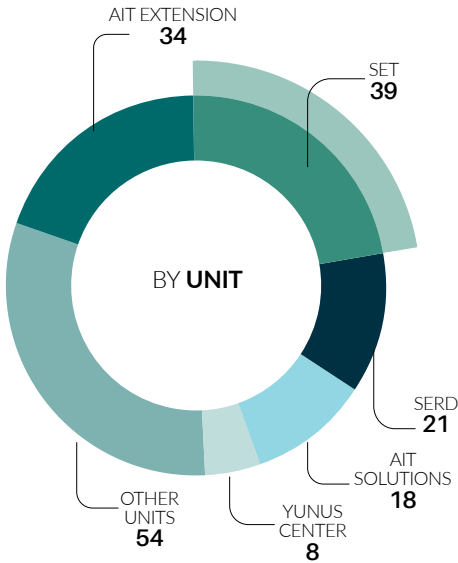


FACULTY AT A GLANCE

Faculty Figures 2024

FACULTY	FACULTY HEADCOUNT (ANNUAL AVERAGE)	FACULTY STRENGTH (IN FTE*)
SCHOOL OF ENVIRONMENT, RESOURCES, AND DEVELOPMENT		
Full-time Faculty	25.17	25.17
Visiting Faculty >1y	1.50	1.50
Visiting Faculty <1y (DP) & (SG)	0.00	0.00
Adjunct Faculty	10.08	2.52
Total	36.75	29.19
SCHOOL OF ENGINEERING AND TECHNOLOGY		
Full-time Faculty	29.25	29.25
Visiting Faculty >1y	3.67	3.67
Visiting Faculty <1y (DP) & (SG)	1.33	0.67
Adjunct Faculty	39.75	9.94
Total	74.00	43.52
SCHOOL OF MANAGEMENT		
Full-time Faculty	5.00	5.00
Visiting Faculty >1y	1.17	1.17
Visiting Faculty <1y (DP) & (SG)	0.00	0.00
Adjunct Faculty	27.08	6.77
Total	33.25	12.94
ASIAN INSTITUTE OF TECHNOLOGY		
Full-time Faculty	59.42	59.42
Visiting Faculty >1y	6.33	6.33
Visiting Faculty <1y (DP) & (SG)	1.33	0.67
Adjunct Faculty	76.92	19.23
Total	144.00	85.65

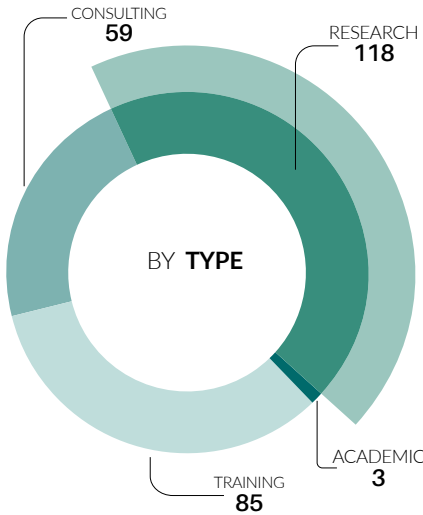
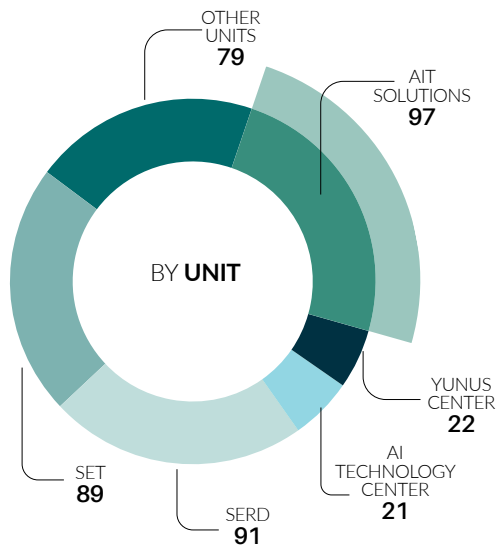
PROJECTS AT A GLANCE



**INITIATED
PROJECTS
2024**

376+
Total project budget
(million Thai Baht)

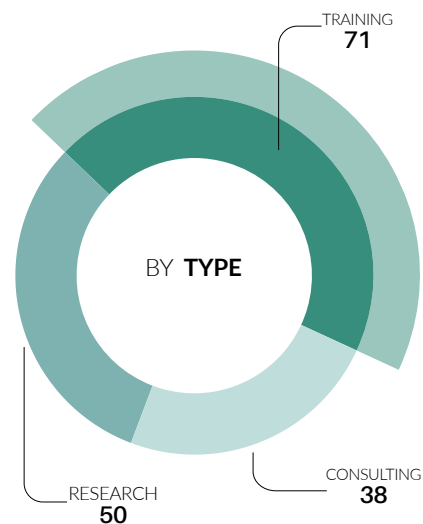
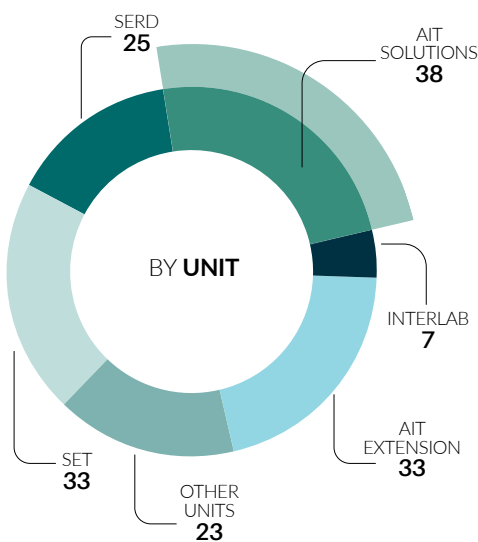
174
Total Number of
Projects Initiated



**ONGOING
PROJECTS
2024**

1,901+
Total project budget
(million Thai Baht)

399
Total Number of
Projects Initiated



**CLOSED
PROJECTS
2024**

320+
Total project budget
(million Thai Baht)

159
Total Number of
Projects Initiated



Board of Trustees

CHAIRMAN:

Dr. Anat Arbhabhirama
Former Minister of Agriculture and
Cooperatives & AIT Hall of Fame Inductee

VICE CHAIRMANS:

Dr. Suwit Khunkitti
Former Deputy Prime Minister and Former
Minister of Education of Thailand

Mr. Somprasong Boonyachai
Chairman, Osotspa Public Co., Ltd., and
Chairman of the Board of Directors and
Independent Director of Thaicom Public
Co., Ltd.,

Prof. David Mclean
Emeritus Dean, Walter Scott, Jr. College of
Engineering, Colorado State University

BOARD MEMBERS:

H.E. Mr. Mohammed Abdul Hye
Ambassador of the People's Republic of
Bangladesh to Thailand

H. E. Mr. Faiyaz Murshid Kazi
Ambassador of the People's Republic of
Bangladesh to Thailand

H.E. Mr Saroeun HUN
Ambassador of Cambodia to Thailand

H. E. Ms. Ping Kitnikone
Ambassador of Canada to Thailand

H.E. Mr. HAN Zhiqiang
Ambassador of the People's Republic of
China to Thailand

H.E. Mr. Jean-Claude Poimboeuf
Ambassador of France to Thailand

H. E. Mr. Nagesh Singh
Ambassador of India to Thailand

H.E. Mr. Rachmat Budiman
Ambassador of the Republic of Indonesia to
Thailand

H.E. Mr. Khamphan Anlavan
Ambassador of The Lao People's
Democratic Republic to Thailand

H.E. Mr Tumur Amarsanaa
Ambassador of Mongolia to Thailand

H.E. Mr. Dhan Bahadur Oli
Ambassador of Federal Democratic
Republic of Nepal to Thailand

H.E. Ms. Rukhsana Afzaal
Ambassador of the Islamic Republic of
Pakistan to Thailand

H.E. Mrs. E.A.S Wijyanthi Edirisinghe
Ambassador of Sri Lanka to Thailand

H.E. Mr. Pham Viet Hung
Ambassador of the Socialist Republic of
Vietnam to Thailand

Mr. Paisan Rupanichkij
Deputy Permanent Secretary, Ministry of
Foreign Affairs, Thailand

Prof. Supachai Pathumnakul
Permanent Secretary of the Ministry of
Higher Education, Science, Research and
Innovation (MHESI), Thailand

Prof. Supasawad Chardchawarn
Rector of Thammasat University

Dr. Bindu N. Lohani
Chancellor of the University of Nepal,
Former Ranking Vice-President, Asian
Development Bank (ADB)

Mr. Chaiwat Kovavisarach
Group Chief Executive Officer and
President, Bangchak Corporation Public
Company Limited

Mr. Chawalit Chanthararat
Board member of Team Consulting
Engineering and Management Group PCL
Bangkok

Prof. Kazuhiko Takeuchi
President, Institute for Global
Environmental Strategies (IGES)

Dr. Phasin Suebsubanunt
Chairman, President of Global Medical
Company, Chairman of Risk Management
and Director, Thai National Product
Company Limited

Dr. Roshan Shrestha
Deputy Director of the Global Growth and
Opportunity Division, Water, Sanitation
& Hygiene at the Bill & Melinda Gates
Foundation

Dr. Sarasin Viraphol
Executive Vice President of Charoen
Pokphand Group (CP Group) and Former
Ambassador of Thailand to Japan and China

Dr. Sudha Murthy
Member of Parliament in the Upper
House of India's Parliament, and Founder
Chairperson of Infosys Foundation

Dr. Sutapa Amornvivat
Chief Executive Officer and Founder: SCB
Abacus

Ms. Tian Lulu
Deputy Secretary-General, China
Scholarship Council (CSC)

OBSERVERS:**H.E. Mr. Otaka Masato**

mbassador of Japan to Thailand

H.E. Mr. David Daly

Ambassador and Head, Delegation of the European Union to Thailand

EX-OFFICIO MEMBERS:**Prof. Kazuo Yamamoto**

AIT President

(till 31 August 2024)

Prof. Pai-Chi Li

AIT President

(From 1 September 2024)

Dr. Donald M. Ugsang

President, AIT Alumni Association (AITAA)

EX-OFFICIO PARTICIPANTS:**Prof. Nitin Tripathi**

Acting Vice President for Academic Affairs

Mr. Russell Rein

Vice President for Administration

Prof. Manukid Parnichkun

Academic Senate Chair

Dr. Ekbordin Winijkul

Faculty Representative

Mrs. Izel Ann Mojado Dante

Staff Representative

Mr. A.M.Abzal Ilahi

Student Union President

SECRETARIAT:**Mr. Karma Rana**

Institute Secretary

Dr. Namita Sravat

Institute Deputy Secretary

Ms. Rungnapar Sa-Nguanphuak

Administrative Assistant

Executive Committee**CHAIRMAN:****Mr. Chaiwat Kovavisarach**

Group Chief Executive Officer and President, Bangchak Corporation Public Company Limited

MEMBERS:**Dr. Bindu N. Lohani**

Chancellor of the University of Nepal, Former Ranking Vice-President, Asian Development Bank (ADB)

Mr. Chaovalit Ekabut

Directors at Bangchak Corp.(BCP), Siam Commercial Bank (SCB), and Advisor to the President and CEO, Siam Cement Group (SCG) Public Company Limited

Ms. Chanagarn Watanantachai

Assistant Vice President, Property Management Department, Bangkok Bank Public Company Ltd.

Mr. Chawalit Chanthararat

Board member of Team Consulting Engineering and Management Group PCL Bangkok

Mrs. La-ead Kovavisaruch

Chief Investment Officer of Dusit Thani Public Co. Ltd.

Dr. Phasin Suebsubanunt

Chairman, President of Global Medical Company, Chairman of Risk Management and Director, Thai National Product Company Limited

Dr. Twarath Sutabutr

President, Office of Knowledge Management and Development

Prof. Worsak Kanok-Nukulchai

Former AIT President, AIT Emeritus Professor, AIT Hall of Fame Inductee

EX-OFFICIO MEMBERS:**Dr. Anat Arbhahirama**

Former Minister of Agriculture and Cooperatives & AIT Hall of Fame Inductee

Prof. Kazuo Yamamoto

AIT President

(till 31 August 2024)

Prof. Pai-Chi Li

AIT President

(From 1 September 2024)

EX-OFFICIO PARTICIPANTS:**Prof. Nitin Tripathi**

Acting Vice President for Academic Affairs

Mr. Russell Rein

Vice President for Administration

SECRETARIAT:**Mr. Karma Rana**

Institute Secretary

Dr. Namita Sravat

Institute Deputy Secretary

Ms. Rungnapar Sa-Nguanphuak

Administrative Assistant

SENIOR MANAGEMENT

President

Prof. Pai-Chi Li

(from 1 Sep 2024)

Prof. Kazuo Yamamoto

(until 31 Aug 2024)

Vice-Presidents

ACADEMIC AFFAIRS

Prof. Nitin Kumar Tripathi

(from 15 Feb 2024)

Prof. Kazuo Yamamoto

(until 14 Feb 2024)

ADMINISTRATION

Mr. Russell Bruce Rein

KNOWLEDGE TRANSFER

Dr. Roger John Levermore

(until 8 Aug 2024)

Deans

SCHOOL OF ENGINEERING AND
TECHNOLOGY

Prof. Sangam Shrestha

SCHOOL OF ENVIRONMENT,
RESOURCES AND DEVELOPMENT

Prof. P. Abdul Salam

SCHOOL OF MANAGEMENT

Prof. Yuosre F. Badir

(Acting from 1 July 2024)

Dr. Roger John Levermore

(from 1 Mar 2024 until 30 June 2024)

Mr. Thomas Bain

(Acting until 29 Feb 2024)

(Executive) Director of Outreach Centers

AIT ARTIFICIAL INTELLIGENCE
TECHNOLOGY CENTER (AIT²
CENTER)

Dr. Mongkol Ekpanyapong

AIT EXTENSION

Mr. Voravate Chonlasin

AIT CENTER IN VIETNAM (AITCV)

Dr. Dong Phung Van

AIT SOLUTIONS

Mr. Thaug Htut Aung

BELT & ROAD RESEARCH CENTER
(BRRC)

Dr. Wenchao Xue

CENTER FOR GLOBAL CHALLENGES
(CGC)

Prof. Deepak Sharma

CENTER FOR NEXUS OF AIR
QUALITY, HEALTH, ECOSYSTEM,
AND CLIMATE (AIR QUALITY
NEXUS)

Prof. Nguyen Thi Kim Oanh

(from 1 June 2024)

ENTREPRENEURSHIP CENTER

Prof. Dieter Trau

GEOINFORMATICS CENTER (GIC)

Dr. Manzul Hazarika

GLOBAL WATER AND SANITATION
CENTER (GWSC)

Prof. Thammarat Koottatep

Prof. Sangam Shrestha

INTERNET EDUCATION & RESEARCH
LABORATORY (INTERLAB)

Dr. Adisorn Lertsinsrubtavee

REGIONAL RESOURCE CENTER FOR
ASIA & THE PACIFIC (RRC.AP)

Dr. Guilberto Borongan

SOUTH & SOUTH EAST ASIA
MULTIDISCIPLINARY APPLIED
RESEARCH NETWORK ON
TRANSFORMING SOCIETIES
OF GLOBAL SOUTH (SMARTS)
CENTER

Prof. Joyashree Roy

YUNUS CENTER AT AIT

Dr. Syed Faizul Hassan Shah



APPENDICES

- * Independent Auditor's Report
- * Financial Statements for the Year ended
31 December 2024
- * Faculty Members

INDEPENDENT AUDIT'S REPORT

To the Board of Trustees of Asian Institute of Technology

OPINION

I have audited the financial statements of Asian Institute of Technology ("Institute"), which comprise the statement of financial position and statement of financial position classified by funds as at 31 December 2024, the statement of revenues and expenses, the statement of revenues and expenses classified by funds, changes in fund balances and cash flows for the year then ended, and notes, comprising a summary of significant accounting policies and other explanatory information.

In my opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Institute as at 31 December 2024 and its financial performance and cash flows for the year then ended in accordance with the Thai Financial Reporting Standard for Non-Publicly Accountable Entities (TFRS for NPAEs).

BASIS FOR OPINION

I conducted my audit in accordance with Thai Standards on Auditing (TSAs). My responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of my report. I am independent of the Institute in accordance with the Code of Ethics for Professional Accountants including Independence Standards issued by the Federation of Accounting Professions (Code of Ethics for Professional Accountants) that is relevant to my audit of the financial statements, and I have fulfilled my other ethical responsibilities in accordance with the Code of Ethics for Professional Accountants. I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my opinion.

OTHER INFORMATION

Management is responsible for the other information. The other information comprises the information included in the annual report, but does not include the financial statements and my auditor's report thereon. The annual report is expected to be made available to me after the date of this auditor's report.

My opinion on the financial statements does not cover the other information and I will not express any form of assurance conclusion thereon.

In connection with my audit of the financial statements, my responsibility is to read the other information identified above when it becomes available and, in doing so, consider whether the other information is materially inconsistent with the financial statements or my knowledge obtained in the audit, or otherwise appears to be materially misstated.

When I read the annual report, if I conclude that there is a material misstatement therein, I am required to communicate the matter to the management and request that the correction be made.

RESPONSIBILITIES OF MANAGEMENT FOR THE FINANCIAL STATEMENTS

Management is responsible for the preparation and fair presentation of the financial statements in accordance with TFRS for NPAEs, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Institute's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Institute or to cease operations, or has no realistic alternative but to do so.

AUDITOR'S RESPONSIBILITIES FOR THE AUDIT OF THE FINANCIAL STATEMENTS

My objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes my opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with TSAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with TSAs, I exercise professional judgment and maintain professional skepticism throughout the audit. I also:

- * Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for my opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- * Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Institute's internal control.
- * Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.

- * Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Institute's ability to continue as a going concern. If I conclude that a material uncertainty exists, I am required to draw attention in my auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify my opinion. My conclusions are based on the audit evidence obtained up to the date of my auditor's report. However, future events or conditions may cause the Institute to cease to continue as a going concern.
- * Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

I communicate with management regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that I identify during my audit.

Sasithorn Pongadisak
Certified Public Accountant
Registration No. 8802

KPMG Phoomchai Audit Ltd.
Bangkok
8 April 2025

Statements of financial position

	Note	31 December	
		2024	2023
		(in Baht)	
ASSETS			
Current assets			
Cash and cash equivalents	4	466,651,817	432,578,690
Current investments	5	329,768,183	327,290,862
Accounts receivable	6	62,655,203	72,822,273
Receivables from Program fund		31,600,810	28,944,366
Assets held on behalf of donors	10	382,964,766	275,273,254
Other current assets		34,819,781	30,070,880
Total current assets		1,308,460,560	1,166,980,325
Non-current assets			
Pledged bank deposits	5, 14	5,150,000	5,150,000
Property and equipment	7	456,330,837	503,341,619
Total non-current assets		461,480,837	508,491,619
Total assets		1,769,941,397	1,675,471,944
LIABILITIES AND FUND BALANCES			
Current liabilities			
Account payables and accrued expenses	8	265,007,261	331,456,791
Advances from Program fund		393,683,823	258,685,514
Current portion of long-term borrowings	9	-	2,309,417
Deposit payables		8,384,736	8,064,135
Amounts due to donors	10	382,964,766	275,273,254
Total current liabilities		1,050,040,586	875,789,111
Non-current liabilities			
Long-term borrowings	9	19,713,682	31,547,083
Non-current provisions for employee benefits	11	6,844,826	8,156,040
Total non-current liabilities		26,558,508	39,703,123
Total liabilities		1,076,599,094	915,492,234
Fund balances			
Endowment fund balances		146,492,948	145,664,476
Capital funds balances		463,039,600	518,693,384
General reserve fund		83,809,755	95,621,850
Total fund balances		693,342,303	759,979,710
Total liabilities and fund balances		1,769,941,397	1,675,471,944

Statements of revenues and expenses

	Note	For the year ended 31 December	
		2024 <i>(in Baht)</i>	2023
Income			
Tuition income and other fees		367,741,030	384,101,347
Research grants and contract service income		433,080,790	408,804,621
Support operations income		186,493,552	167,160,447
Training income		187,412,487	390,969,650
Other contributions		39,228,828	27,100,113
Faculty secondments income		-	649,055
Total income		1,213,956,687	1,378,785,233
Expenses			
Employee benefit expenses	12	533,960,927	571,048,573
Materials, supplies and services expenses		384,426,531	494,803,510
Contracted services expenses		196,585,457	203,819,226
Communication and travel expenses		51,935,085	59,751,340
Utilities and insurance expenses		48,115,718	58,890,175
Faculty secondments expenses		-	649,055
Total expenses		1,215,023,718	1,388,961,879
Income under expenses		(1,067,031)	(10,176,646)
Depreciation	7	(90,862,498)	(93,934,662)
Income under expenses including depreciation		(91,929,529)	(104,111,308)
Non operating income and expenses			
Interest income		9,879,460	8,327,889
Loss on exchange rate		(2,102,753)	(1,865,638)
Gain on disposal of assets		119,169	-
Income under expenses		(84,033,653)	(97,649,057)

Statements of changes in fund balances

	Note	Unrestricted Current fund	Unrestricted fund-General	Restricted funds		Unrestricted fund Integrated facility management	Capital funds- Property and equipment	Restricted fund - General reserve	Total	
				Endowment fund	Program fund				31 December 2024	31 December 2023
BALANCES AS AT 1 JANUARY										
		-	-	145,664,476	-	-	518,693,384	95,621,850	759,979,710	831,600,532
Additions (Deductions):										
Income over (under) expenses for the year (AITTH)		89,378,302	8,610,045	828,472	2,334,953	(111,791,933)	(74,445,118)	-	(85,085,279)	(98,208,597)
Income over (under) expenses for the year (AITVN)	13	3,664,532	(2,116,989)	-	(35,933)	-	(459,984)	-	1,051,626	559,540
Total additions (deductions) for the year		93,042,834	6,493,056	828,472	2,299,020	(111,791,933)	(74,905,102)	-	(84,033,653)	(97,649,057)
Adjusted gain on foreign currency translation of AITVN		-	-	-	-	-	4,727	(94,996)	(90,269)	(519,898)
Total		93,042,834	6,493,056	146,492,948	2,299,020	(111,791,933)	443,793,009	95,526,854	675,855,788	733,431,577
Increase capital:										
Capital from funds held on behalf of others		-	-	-	-	-	2,290,827	-	2,290,827	6,317,923
Capital for Program fund		-	-	-	15,195,688	-	-	-	15,195,688	20,230,210
Total		-	-	-	15,195,688	-	2,290,827	-	17,486,515	26,548,133
Transfer to (from) other funds:										
Unrestricted current fund		-	-	-	-	-	-	93,042,834	93,042,834	131,831,258
Unrestricted fund - General		-	-	-	-	-	-	6,493,056	6,493,056	(11,527,870)
Restricted funds - Program fund		-	-	-	-	-	15,195,688	2,299,020	17,494,708	18,875,632
Unrestricted fund - Intergrated facility management		-	-	-	-	-	-	(111,791,933)	(111,791,933)	(135,014,553)
Capital fund - Property and equipment - liquid assets		-	-	-	(15,195,688)	-	-	-	(15,195,688)	(20,230,210)
Restricted fund - General reserve		(93,042,834)	(6,493,056)	-	(2,299,020)	111,791,933	-	-	9,957,023	16,065,743
Restricted fund - General reserve of AITVN		-	-	-	-	-	-	(1,760,076)	(1,760,076)	(2,483,603)
Capital fund - Property and equipment - liquid assets of AITVN		-	-	-	-	-	1,760,076	-	1,760,076	2,483,603
Net		(93,042,834)	(6,493,056)	-	(17,494,708)	111,791,933	16,955,764	(11,717,099)	-	-
Balances as at 31 December		-	-	146,492,948	-	-	463,039,600	83,809,755	693,342,303	759,979,710

Statements of cash flows

		For the year ended 31 December	
	Note	2024	2023
		<i>(in Baht)</i>	
CASH FLOWS FROM OPERATING ACTIVITIES			
Opening fund balances		759,979,710	831,600,532
Closing fund balances		693,342,303	759,979,710
Movement in fund balances		(66,637,407)	(71,620,822)
Adjustments to reconcile movement of fund balances			
Doubtful debts expenses	6	5,781,061	4,376,298
Depreciation	7	90,862,498	93,934,662
Interest income		(9,879,460)	(8,327,889)
(Gain) loss on disposal and write-off equipment		(119,169)	590,926
Unrealised loss on exchange rate		708,879	725,485
Non-current provisions for employee benefits	11	234,284	776,158
Movement in fund balances from operating activities before changes in operating assets and liabilities		20,950,686	20,454,818
Changes in operating assets and liabilities:			
Accounts receivable		3,677,130	(8,018,546)
Receivables from Program fund		(2,656,444)	9,736,316
Other current assets		(5,035,219)	1,400,322
Accounts payable and accrued expenses		(66,449,530)	110,632,388
Advances from Program fund		134,998,309	(91,805,627)
Deposit payables		320,601	322,482
Provision for retirements benefits paid	11	(1,545,498)	(3,436,648)
Net cash from operating activities		84,260,035	39,285,505
CASH FLOWS FROM INVESTING ACTIVITIES			
Interest received		9,879,460	8,327,889
Increase (decrease) in current investments		(2,477,321)	131,860,919
Increase in pledged bank deposits		-	(150,000)
Proceeds from disposal equipment		210,934	-
Acquisition of property and equipment	7	(43,938,754)	(74,752,312)
Net cash from (used in) investing activities		(36,325,681)	65,286,496
CASH FLOWS FROM FINANCING ACTIVITIES			
Proceeds from long-term borrowings	9	-	20,000,000
Payment of long-term borrowings	9	(13,856,500)	(2,309,417)
Net cash from (used in) financing activities		(13,856,500)	17,690,583
Net increase in cash and cash equivalents		34,077,854	122,262,584
Cash and cash equivalents at beginning of year		432,578,690	310,305,044
Effects of exchange rate changes on balances held in foreign currencies		(4,727)	11,062
Cash and cash equivalents at end of year	4	466,651,817	432,578,690
NON-CASH TRANSACTIONS			
Decrease in long term borrowing from providing a services	9	286,318	-

Statements of financial position classified by funds

	Note	Unrestricted Current fund	Unrestricted fund-General	Restricted funds		Unrestricted fund Integrated facility management	Capital funds-Property and equipment	Restricted funds-General reserve	Agency fund	Total	
				Endowment fund	Program fund					31 December 2024	31 December 2023
ASSETS											
<i>Current assets</i>											
Cash and cash equivalents	4	17,344,324	1,876,786	-	400,321,852	8,951,495	468,225	37,689,135	-	466,651,817	432,578,690
Current investments	5	48,495,543	601,679	146,489,434	63,000,000	-	29,210,907	41,970,620	-	329,768,183	327,290,862
Accounts receivable	6	16,716,598	1,007,427	-	36,566,771	8,364,407	-	-	-	62,655,203	72,822,273
Receivables from Program fund		-	-	-	31,600,810	-	-	-	-	31,600,810	28,944,366
Assets held on behalf of donors	10	-	-	-	-	-	-	-	382,964,766	382,964,766	275,273,254
Other current assets		22,030,286	1,536,003	3,514	10,948,490	301,488	-	-	-	34,819,781	30,070,880
Total current assets		104,586,751	5,021,895	146,492,948	542,437,923	17,617,390	29,679,132	79,659,755	382,964,766	1,308,460,560	1,166,980,325
<i>Non-current assets</i>											
Pledged bank deposits	5, 14	1,000,000	-	-	-	-	-	4,150,000	-	5,150,000	5,150,000
Property and equipment	7	-	-	-	-	-	456,330,837	-	-	456,330,837	503,341,619
Total non-current assets		1,000,000	-	-	-	-	456,330,837	4,150,000	-	461,480,837	508,491,619
Total assets		105,586,751	5,021,895	146,492,948	542,437,923	17,617,390	486,009,969	83,809,755	382,964,766	1,769,941,397	1,675,471,944
LIABILITIES AND FUND BALANCES											
<i>Current liabilities</i>											
Accounts payable and accrued expenses	8	97,982,638	3,249,107	-	148,496,192	12,022,637	3,256,687	-	-	265,007,261	331,456,791
Advances from Program fund		-	-	-	393,683,823	-	-	-	-	393,683,823	258,685,514
Current portion of long-term borrowings	9	-	-	-	-	-	-	-	-	-	2,309,417
Deposit payables		1,017,195	1,772,788	-	-	5,594,753	-	-	-	8,384,736	8,064,135
Amounts due to donors	10	-	-	-	-	-	-	-	382,964,766	382,964,766	275,273,254
Total current liabilities		98,999,833	5,021,895	-	542,180,015	17,617,390	3,256,687	-	382,964,766	1,050,040,586	875,789,111
<i>Non-Current liabilities</i>											
Long-term borrowings	9	-	-	-	-	-	19,713,682	-	-	19,713,682	31,547,083
Non-current provisions for employee benefits	11	6,586,918	-	-	257,908	-	-	-	-	6,844,826	8,156,040
Total non-current liabilities		6,586,918	-	-	257,908	-	19,713,682	-	-	26,558,508	39,703,123
Total liabilities		105,586,751	5,021,895	-	542,437,923	17,617,390	22,970,369	-	382,964,766	1,076,599,094	915,492,234
<i>Fund balances</i>											
Endowment fund balances		-	-	146,492,948	-	-	-	-	-	146,492,948	145,664,476
Capital funds balances		-	-	-	-	-	463,039,600	-	-	463,039,600	518,693,384
General reserve		-	-	-	-	-	-	83,809,755	-	83,809,755	95,621,850
Total fund balances		-	-	146,492,948	-	-	463,039,600	83,809,755	-	693,342,303	759,979,710
Total liabilities and fund balances		105,586,751	5,021,895	146,492,948	542,437,923	17,617,390	486,009,969	83,809,755	382,964,766	1,769,941,397	1,675,471,944

(In Bath)

Statements of revenues and expenses classified by funds

	Note	Unrestricted Current fund	Unrestricted fund-General	Restricted funds		Unrestricted fund Integrated Facility Management	Capital fund - property and equipment	Restricted fund - General reserve	Total	
				Endowment fund	Program fund				31 December 2023	31 December 2022
INCOME										
Tuition income and other fees		369,122,123	-	-	(1,381,093)	-	-	-	367,741,030	384,101,347
Research grants and contract service income		9,884,459	925,000	-	422,271,331	-	-	-	433,080,790	408,804,621
Support operations income		2,564,181	97,828,221	-	-	86,101,150	-	-	186,493,552	167,160,447
Training Income		-	-	-	187,412,487	-	-	-	187,412,487	390,969,650
Other contributions		12,579,941	6,889,231	714,490	-	3,206,939	15,838,227	-	39,228,828	27,100,113
Faculty secondments income		-	-	-	-	-	-	-	-	649,055
Total income		394,150,704	105,642,452	714,490	608,302,725	89,308,089	15,838,227	-	1,213,956,687	1,378,785,233
EXPENSES										
Employee benefit expenses	12	247,551,954	31,041,082	-	243,687,394	11,680,497	-	-	533,960,927	571,048,573
Materials, supplies and services expenses		91,340,137	6,908,897	157,126	268,287,539	17,732,832	-	-	384,426,531	494,803,510
Contracted services expenses		46,110,452	25,996,726	-	58,276,992	66,201,287	-	-	196,585,457	203,819,226
Communication and travel expenses		15,450,439	3,496,076	-	32,452,453	536,117	-	-	51,935,085	59,751,340
Utilities and insurance expenses		2,171,882	(1,004,303)	-	3,299,326	43,648,813	-	-	48,115,718	58,890,175
Faculty secondments expenses		-	-	-	-	-	-	-	-	649,055
Total expenses		402,624,864	66,438,478	157,126	606,003,704	139,799,546	-	-	1,215,023,718	1,388,961,879
Income over (under) expenses before allocation		(8,474,160)	39,203,974	557,364	2,299,021	(50,491,457)	15,838,227	-	(1,067,031)	(10,176,646)
Allocation costs		(90,746,979)	32,653,443	-	-	58,093,536	-	-	-	-
Income over (under) expenses		82,272,819	6,550,531	557,364	2,299,021	(108,584,993)	15,838,227	-	(1,067,031)	(10,176,646)
Depreciation	7	-	-	-	-	-	(90,862,498)	-	(90,862,498)	(93,934,662)
Income over (under) expenses including depreciation		82,272,819	6,550,531	557,364	2,299,021	(108,584,993)	(75,024,271)	-	(91,929,529)	(104,111,308)
NON OPERATING INCOME AND EXPENSES										
Interest income (expenses)		11,491,869	1,323,423	271,107	-	(3,206,939)	-	-	9,879,460	8,327,889
Losses on exchange rate		(721,853)	(1,380,900)	-	-	-	-	-	(2,102,753)	(1,865,638)
Gain on disposal of assets		-	-	-	-	-	119,169	-	119,169	-
Income over (under) expenses		93,042,835	6,493,054	828,471	2,299,021	(111,791,932)	(74,905,102)	-	(84,033,653)	(97,649,057)

ASIAN INSTITUTE OF TECHNOLOGY NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2024

These notes form an integral part of the financial statements.

The financial statements issued for Thai statutory and regulatory reporting purposes are prepared in the Thai language. These English language financial statements have been prepared from the Thai language statutory financial statements, and were approved and authorised for issue by the President of the Institute on 8 April 2025.

1 General information

The Asian Institute of Technology, the "Institute", is a regional post-graduate institution. The Institute operates on a not-for-profit basis. The Institute is located at the following addresses

Thailand 58 Moo 9 Km. 42 Paholyothin Highway, Klong Luang, Pathumthani, Thailand.

Branch Building B3, University of Transport and Communications, Lang Thuong Ward, Dong Da Dist., Hanoi, Vietnam

The principal activities of the Institute are providing programs in engineering, science, advanced technologies and related management and administration.

2 Basis of preparation of the financial statements

The financial statements are prepared in accordance with Thai Financial Reporting Standard for Non-Publicly Accountable Entities (Revised B.E. 2565) ('TFRS for NPAEs'), which promulgated by the Federation of Accounting Professions (TFAC).

In addition, the Institute has applied the following Thai Financial Reporting Standard for Publicly Accountable Entities ('TFRS for PAEs').

TFRS	Topic
TAS 7	Statement of Cash Flows

The financial statements are prepared and presented in Thai Baht. Accounting policies disclosed in note 3 are applied consistently to all periods presented in these financial statements.

The preparation of financial statements in conformity with TFRS for NPAEs requires management to make judgements, estimates and assumptions that affect the application of the Institute's accounting policies. Actual results may differ from these estimates. Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised prospectively.

To ensure observance of limitations and restrictions placed on the use of the resources available to the Institute, the books of account of the Institute are maintained and classified for accounting and reporting purposes into funds, which are in accordance with activities or objects specified. Within each fund group, fund balances which are restricted by outside sources are so indicated and are distinguished from unrestricted fund allocated to specific purposes by action of the governing board. The governing board retains full control of unrestricted funds to use in achieving institutional objectives.

The purposes and objects of the funds are as follows:

UNRESTRICTED CURRENT FUND (FUND 10)

This fund is the operating account of most of the academic and administrative units of the Institute.

It is available for general operating purposes without restrictions, such as might be imposed by a grant agency or donor.

UNRESTRICTED FUND-GENERAL (FUND 21)

This fund is the operating account of support units that offer academic-related services and certain administrative functions.

RESTRICTED ENDOWMENT FUND (FUND 22)

The Endowment Fund is used where donors have stipulated, as a condition of their gift, either the principal is to be maintained inviolate and in perpetuity or used along with the income to meet the objectives of the endowment.

RESTRICTED PROGRAM FUND (FUND 30 AND FUND 31)

The program fund includes academic and non-academic programs. Non-academic programs is subject to restrictions by donors or other agencies limiting its use for funding specific research projects, conference, short courses, workshops or similar projects.

UNRESTRICTED FUND-INTEGRATED FACILITY MANAGEMENT (FUND 24)

This fund includes the operating account of the Institute for asset maintenance and for the provision of the Institute's non-core

operations, mainly on integrated facilities management service.

RESTRICTED FUND-GENERAL RESERVE (FUND 23)

The annual surplus of the unrestricted funds and the excess of the activities under Sponsored Program fund that were completed during the year, are transferred to the General Reserve each year. General Reserve funds are held for future use.

CAPITAL FUND (FUND 41)

This fund holds the Institute’s property and equipment, including library books.

AGENCY FUND (FUND 50 AND FUND 60)

These funds are held on behalf of donors and other agencies and are disbursed in accordance with their instructions. The Institute has no title to these funds and the associated revenues and expenses have been excluded from the statement of revenues and expenses. The assets held on behalf of these others have been disclosed in the statement of financial position together with the associated liability for the same amount to these other parties.

3 Significant accounting policies

The accounting policies set out below have been applied consistently to all periods presented in these financial statements.

(A) BASIS OF PREPARATION

The financial statements of the Institute comprise the funds of the Institute and those of its branch to which it holds title.

The Branch is an autonomous or semi-autonomous operating entity within an organisation which does not have a separate legal identity. The Branch has separately identifiable assets, liabilities, cash flows, revenues and expenses over which it has accountability.

(B) FOREIGN CURRENCY

Transactions in foreign currencies including non-monetary assets and liabilities denominated in foreign currencies are translated to Thai Baht at exchange rates at the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies are translated at the exchange rate at the reporting date.

Foreign branch

The assets and liabilities of foreign branch are translated to Thai Baht at the foreign exchange rates ruling at the reporting date.

The revenues and expenses of foreign branch are translated to Thai Baht at rates approximating the foreign exchange rates ruling at the dates of the transactions.

Foreign exchange differences arising on translation are recognised in the statement of revenues and expenses.

(C) CASH AND CASH EQUIVALENTS

Cash and cash equivalents comprise cash balances, demand deposits, fixed deposits and highly liquid short-term investments, which have maturities of three months or less from the date of acquisition.

(D) ACCOUNTS RECEIVABLES

Accounts receivable measured at invoice value less allowance for doubtful accounts.

Receivables from Program fund are unbilled receivables represented amount expected to be collected from donors.

The allowance for doubtful accounts is provided for inactive students. Bad debts are written off when incurred.

Bad debts recovered are recognised as other income in the statement of revenues and expenses.

(E) PROPERTY AND EQUIPMENT

Owned assets

Property and equipment are measured at cost less accumulated depreciation and losses on decline in value.

Cost includes expenditure that is directly attributable to the acquisition of the asset. The cost of

self-constructed assets includes capitalised borrowing costs and the costs of dismantling and removing the items and restoring the site on which they are located. Purchased software that is integral to the functionality of the related equipment is capitalised as part of that equipment.

Donated assets are stated at cost or reasonable market price as deemed cost. Subsequently they are stated at cost less accumulated depreciation.

Differences between the proceeds from disposal and the carrying amount of property and equipment are recognised in the statements of revenues and expenses.

Subsequent costs

The cost of replacing a part of an item of property and equipment is recognised in the carrying amount of the item when the future economic benefits embodied within the part will flow to the Institute, and its cost can be measured reliably. The carrying amount of the replaced part is derecognised. The costs of the day-to-day servicing of property and equipment are recognised in the statement of revenues and expenses as incurred.

Depreciation

Depreciation is calculated on a straight-line basis over the estimated useful life of each component of an asset and recognised in the statement of revenues and expenses. No depreciation is provided on assets under construction. The estimated useful lives are as follows:

Buildings	40 years
Campus development	10 years
Building improvement	10 years
Furniture and equipment	5, 10 years
Transportation equipment	8 years
Library assets	6 years

(F) LOSSES ON DECLINE IN VALUE

The carrying amounts of the Institute's assets are reviewed at each reporting date to determine whether there is any indication of a permanent decline in value. If any such indication exists,

the assets' recoverable amounts are estimated. A loss on decline in value is recognised if the carrying amount exceeds its recoverable amount. The loss on decline in value is recognised in the statement of revenues and expenses.

(G) ACCOUNT PAYABLES

Account payables are stated at cost.

Advances from Program fund represents the amount of advance billing, for which the Institute had not rendered the service under the conditions stipulated in the contracts. Income received in advanced is stated at cost.

(H) PROVISIONS

A provision is recognised if, as a result of a past event, the Institute has a present legal or constructive obligation that can be estimated reliably, and it is probable that an outflow of economic benefits will be required to settle the obligation. Provisions are determined by the best estimate method.

Provision for employee benefits

Provision for employee benefits are recognised using the best estimate method at the reporting date.

The Institute derecognises the provision when actual payment is made.

Defined contribution plans

Obligations for contributions to the Social Securities Fund, Provident Fund and Insured Saving Fund are recognised as expenses in the statement of revenues and expenses as incurred.

(I) REVENUE

Tuition income and other fees are recognised on an accrual basis.

Research grant and contract service income received from Donors/Sponsors under Sponsored Program Fund (Fund 30) is recognised when service are rendered and recognised in pro-

portion to the stage of completion of the project.

Support operations income are recognised as goods or services are provide.

Training income are recognised as services are provided.

Other contributions (donations) recognised on a cash basis due to the absence of any obligation on the donor to make the donation and the uncertain nature of the timing of receipt, donations have to be.

These represent services donated to the Institute in the form of a secondment of faculty or staff and where the value is estimated based on the approved Institute professional salary scale. The amounts are recognised as revenues and expenses in the unrestricted general fund.

Interest income and other income are recognised as it accrues.

(J) OPERATING LEASES

Payments made under operating leases are recognised on a straight-line basis over the term of the lease. Contingent rentals are recognised as expense in the accounting period in which they are incurred.

(K) INCOME TAX

No income tax provision is made in the financial statements as the Institute is exempt from payment of income tax in accordance with the notification issued in the Royal Gazette dated 25 October 2510 B.E. (1967).

Except for services rendered by the Conference Center, the Institute has been exempted from Value Added Tax (VAT), under Section 4(4) of the Royal Decree issued under the Revenue Code governing exemption from Value Added Tax (No. 239), B.E. 2534 which was additionally amended under the Royal Decree (No. 254) B.E. 2535.

4 Cash and cash equivalents

	2024	2023
	(in thousand Baht)	
Cash on hand	1,443	13
Cash at banks – current accounts	15,137	11,685
Cash at banks – saving accounts	271,614	229,173
Cash at banks – fixed deposit accounts	178,458	191,708
Total	466,652	432,579

5 Current investments

	2024	2023
	(in thousand Baht)	
Fixed deposits at financial institutions	329,768	327,291

At 31 December 2024, fixed deposits of Baht 5.15 million (2023: Baht 5.15 million) were pledged as collateral for bank overdraft facility and outstanding letters of guarantee issued by the same financial institutions (see Note 14).

6 Accounts receivable

	20234	2023
	(in thousand Baht)	
Tuition and other fees	43,076	36,947
Others (mainly from research grants and contract service income)	36,250	46,765
	79,326	83,712
Less allowance for doubtful accounts	(16,671)	(10,890)
Net	62,655	72,822
Doubtful debts expenses for the year	5,781	4,376

7 Property and equipment

	Building	Campus development and building improvement	Furniture and equipment	Transportation equipment	Library assets	Assets under construction	Total
<i>(in thousand Baht)</i>							
COST							
At 1 January 2023	1,018,250	646,964	656,581	21,123	9,795	17,883	2,370,596
Additions	-	9,127	35,346	-	573	29,706	74,752
Transfers	-	4,569	62	-	-	(4,631)	-
Write-off	-	-	(669)	-	-	-	(669)
Foreign currency translation	(24)	(10)	(57)	(13)	-	-	(104)
At 31 December 2023 and 1 January 2024	1,018,226	660,650	691,263	21,110	10,368	42,958	2,444,575
Additions	-	5,398	22,731	3,270	536	12,004	43,939
Transfers	-	37,410	531	-	-	(37,941)	-
Disposal / Write-off	-	-	(22,059)	-	-	-	(22,059)
Foreign currency translation	(17)	(8)	(39)	(9)	-	-	(73)
At 31 December 2024	1,018,209	703,450	692,427	24,371	10,904	17,021	2,466,382
ACCUMULATED DEPRECIATION							
At 1 January 2023	815,528	427,668	576,305	19,398	8,571	-	1,847,470
Depreciation charge for the year	15,138	45,287	32,251	816	443	-	93,935
Write-off	-	-	(78)	-	-	-	(78)
Foreign currency translation	(11)	(36)	(34)	(13)	-	-	(94)
At 31 December 2023 and 1 January 2024	830,655	472,919	608,444	20,201	9,014	-	1,941,233
Depreciation charge for the year	15,138	43,679	30,913	693	439	-	90,862
Disposal / Write-off	-	-	(21,967)	-	-	-	(21,967)
Foreign currency translation	(4)	(38)	(27)	(8)	-	-	(77)
At 31 December 2024	845,789	516,560	617,363	20,886	9,453	-	2,010,051
NET BOOK VALUE							
At 31 December 2023	187,571	187,731	82,819	909	1,354	42,958	503,342
At 31 December 2024	172,420	186,890	75,064	3,485	1,451	17,021	456,331

The gross amount of fully depreciated property and equipment that was still in use as at 31 December 2024 amounted to Baht 1,219.42 million (2023: Baht 1,175.18 million).

8 Accounts payable and accrued expenses

	2024	2023
	<i>(in thousand Baht)</i>	
Advance from students	184,626	258,399
Accrued operating expenses	31,738	14,712
Accounts payable from operation	26,214	23,542
Accrued staff expenses	15,694	26,988
Withholding tax payable	3,590	4,618
Others	3,145	3,198
Total	265,007	331,457

9 Borrowings

In August 2017, the Institute has a borrowing, amounting to Baht 27.71 million from a local company for building construction, an interest rate of 7.15% per annum. The repayment period is June 2018 to December 2029. In this regards, on 31 July 2024 the Institute made repayment of principal including interest for long-term borrowing before it become dued.

On 1 March 2023, the institute has a borrowing, amounting to Baht 20.00 million from The Regional Resource Center for Asia and the Pacific (RRC.AP) for renovation of the AIT Conference Center (AITCC), with no interest. Alternatively, RRC.AP will be eligible for a maximum of 20% discount of RRC.AP's usage of AITCC starting 1 March 2023. Such that, RRRC.AP will pay the total amount due of its usage of AITCC, and 20% of which will be credited against the Principal Balance as prepayment. The Institute shall pay the net residual principal balance (after the usage of discount), within five years after a forbearance for two years. The first installment begins in 2026 and the last installment shall be paid in 2030.

During the year 2024, RRC.AP usage of AITCC and as the institute's repayment amounting to

Baht 0.29 million. As at 31 December 2024, the Institute has borrowing amounting to Baht 19.71 million.

10 Assets held on behalf of, and amounts due to donors

The agency fund represents amounts held on behalf of donors and other agencies and are disbursed in accordance with their instructions. The Institute has no title to these funds or the associated revenues and expenses. The fund balances as at 31 December 2024 and 2023 and revenues and expenses for the years then ended were as follows:

	2024	2023
	<i>(in thousand Baht)</i>	
Funds received from donors	358,624	402,831
Application of funds		
● Salaries and other benefits	6,452	1,928
● Scholarships	300,995	374,113
● Contracted services	37,798	39,022
● Communication, travel and utility expenses	679	1,333
Total funds applied	345,924	416,396
Income over (under) expenses for the year	12,700	(13,565)
Assets held on behalf of donors		
Cash and deposits at financial institutions	140,135	71,460
Current investments	222,521	182,909
Accounts receivable and other current assets	20,309	20,904
Total assets held on behalf of donors	382,965	275,273
<i>Balance at 1 January:</i>		
● Amounts due to donors	249,784	249,597
Income over (under) expenses for the year	12,700	(13,565)
Transfers to (assets) liabilities other funds	(2,291)	13,752
Balance at 31 December	260,193	249,784
Other liabilities	122,772	25,489
	122,772	25,489
Total amounts due to donors	382,965	275,273

11 Non-current provisions for employee benefits

	2024	2023
	(in thousand Baht)	
At 1 January	8,156	10,817
Additions	234	776
Paid	(1,545)	(3,437)
At 31 December	6,845	8,156

12 Employee benefit expenses

	2024	2023
	(in thousand Baht)	
Wages and salaries	505,967	543,328
Contribution to provident fund	20,513	20,766
Social security costs	5,090	5,156
Personal income tax of employees	2,256	1,322
Others	135	477
Total	533,961	571,049

PROVIDENT FUND

The defined contribution plan comprises a provident fund established by the Institute for its employees. Membership to the fund is required. Contributions are made monthly by the employees at the rate of

3% to 15% of their basic salaries and by the Institute at the rate of 5% to 7% of the employees' basic salaries. The provident fund is registered with the Ministry of Finance as juristic entities and is managed by a licensed Fund Manager (TISCO Assets Management Co., Ltd.).

13 AIT Center in Vietnam (AITVN)

The Institute has a branch operation in Hanoi, Vietnam of which the purpose of its operation is to:

- * Educate and train students, technocrats, business managers and other professionals; and
- * Organise research outreach and development activities as well as the transfer of technologies as required by the economic development of the country.

The results of the operations which have been included as part of the results of the Unrestricted

(Fund 10) and Unrestricted-General (Fund 21), Restricted Fund - Program Fund (Fund 30), and Capital Fund (Fund 41) as at 31 December 2024 and 2023 were summarised below:

	2024	2023
	(in thousand Baht)	
Income	68,513	69,508
Expenses	(67,461)	(68,948)
Income over expenses	1,052	560

Financial statements of the branch for the years ended 31 December 2024 and 2023 have been prepared and approved by management of the branch.

Significant accounting transactions between the Institute and its branch were eliminated from these financial statements.

14 Commitments

LAND LEASE

The Institute successfully renewed the lease with the Thammasat University on 10 June 2005. The new lease also contains a Memorandum of Understanding between the Institute and Thammasat University, concerning academic co-operation, as an integral part of the new lease agreement to lease land for 30 years from 19 January 2001 to 18 January 2031 in the amount of Baht 600,000 which the Institute paid a rental at the contract date; on expiry of the lease agreement it will give the Institute the right to continue to lease the land. However, the consideration for this discount is that should the lease not be renewed and the land reverts to Thammasat University (University), so all buildings and infrastructure on the Institute's site will become the property of the University.

Furthermore, the lease is contingent on a Memorandum of Understanding (MOU) between the University and the Institute. The MOU provides that the Institute will make available and fund a total of sixty scholarships over the thirty-year life of the land lease agreement. Scholarships made in accordance with the MOU will cover tuition fees for qualified lecturers from the University, selected by the University, to pursue a Doctoral degree at the Institute. At 31 December 2024, the scholarship commitment amounted to totaling Baht 76.50 million (2023: Baht 76.50 million).

As at 31 December 2024 and 2023, the Institute had:

	2024	2023
	(in thousand Baht)	
Non-cancellable operating lease commitments		
Within 1 year	4,068	4,068
After 1 year but within 5 years	-	4,068
Total	4,068	8,136

OFFICE RENTAL AGREEMENT

The Institute had entered into a rental agreement with Gateway Estate Co., Ltd. for office building for a period of 2 years commencing from 1 January 2024 to 31 December 2025. These agreements shall be valid until they are terminated by written notice given at least 1 month prior to the effective date of termination.

BANK GUARANTEES

At 31 December 2024, bank guarantees which were issued by the bank on behalf of the Institute in respect of bank overdraft facility and certain performance bonds as required in the normal course of operations of the Institute amounted to totalling Baht 0.16 million (2023: Baht 0.62 million). These bank guarantees were collateralised by Institute's fixed deposits as discussed in Note 5.

OTHERS

At 31 December 2024, the Institute had obtained credit facilities for bank overdraft and

bank guarantees totaling Baht 5.15 million (2023: Baht 5.15 million) which were collateralised by Institute's fixed deposits as discussed in Note 5. Bank overdrafts bore interest at the rate of fixed deposits plus 1.25% per annum (2023: fixed deposits plus 1.25% per annum).

SERVICE AGREEMENTS

The Institute has entered into service agreements with various companies to receive various services and are obligated to pay service fees at the rates specified in the new agreements. The agreements can be extended by notifying in writing before the end of the original contract period which are specified in the agreements.

The agreements are summarised as follows:

TYPE OF SERVICES	PARTIES	CONTRACT DATE	CONTRACT DURATION	CONTRACT PERIOD
Cleaning service	S T M S Co., Ltd.	1 January 2025	3 years	31 December 2027
Landscape management service	S T M S Co., Ltd.	1 January 2025	3 years	31 December 2027
Technical maintenance included preventive and collective maintenance of academic building, residence and field zone	SN Service Solutions Co., Ltd.	1 January 2025	3 years	31 December 2027
Management of hotel service	SN Service Solutions Co., Ltd.	1 January 2025	3 year	31 December 2027
Security service	Premium Group Security Co., Ltd.	1 January 2025	2 year 11 months	31 December 2027

FACULTY MEMBERS

HONORARY FACULTY

The Institute is deeply grateful that Her Royal Highness Princess Maha Chakri Sirindhorn has seen fit to share her expertise and experience with faculty, staff and students as an Honorary Faculty Member. In this singular position, Her Royal Highness is associated with the Information and Communications Group, School of Engineering & Technology.



EMERITUS PROFESSORS

Amin, A.T.M. Nurul

B.B. M.A., Univ. of Dhaka, Bangladesh;
M.A., Ph.D., Univ. of Manitoba, Canada

Annachhatre, Ajit P.

B.Tech., Ph.D., Indian Inst. of Tech.,
Kanpur, India

Balasubramaniam, A.S.

B.Sc., Ceylon Univ., Sri Lanka; Ph.D.,
Cambridge Univ., UK

Bergado, Dennes T

B.S.C.E., Mindanao State Univ.,
Philippines; M.Eng., AIT, Thailand,
Ph.D., Utah State Univ., USA

Edwards, Peter

B.Sc., Liverpool Univ., UK; Ph.D., Univ.
of Texas, USA

Exell, Robert H.B.

B.A., M.A., D.Phil., Oxford Univ., UK

Gupta, Ashim Das

B.Eng., Assam Engineering College,
India; M.Eng.; D.Eng., AIT, Thailand

Jindal, Vinod

B.Sc. A.E., Pantnagar; M.S., University
of Nebraska, USA; Ph.D., Pennsylvania
State Univ., USA

Kanok Nukulchai, Worsak

B.Eng., Chulalongkorn Univ., Thailand;
M.Eng., AIT, Thailand; , Ph.D., Univ. of
California (Berkeley), USA

Karasudhi, Pisidhi

B.Eng., Chulalongkorn Univ.; M.Eng.,
Chulalongkorn-SEATO Graduate
School of Engineering, Thailand; Ph.D.,
Northwestern Univ., USA

Kumar, Sivanappan

B.E., Government College of
Technology, University of Madras,
India; M. Eng., AIT, Thailand; Ph.D.,
Institut National Polytechnique de
Toulouse, France

Nutalaya, Prinya

B.A.; M.S., Ph.D., Univ. of Colorado,
USA

Polprasert, Chongrak

B. Eng., Chulalongkorn Univ., Thailand;
M.Eng., AIT, Thailand; Ph.D., University
of Washington, USA

Routray, Jayant K.

B.Sc.(Hons.), Ravenshaw College;
M.Sc., Ph.D., Utkal Univ.; M.R.P., Indian
Inst. of Tech., Kharagpur, India

Shrestha, Ram M.

B.E., Univ. of Baroda; B.L.L., Tribhuvan
Univ., Nepal; M.Eng., D.Eng., AIT,
Thailand

Singh, Gajendra

B.Sc. A.E, Pantagar; M.S., Rutgers;
Ph.D, California (Davis), USA

Tabucanon, Mario T.

B.S.E.E., B.S.M.E., Cebu Inst. of Tech.,
Philippines; M.Eng., D.Eng., AIT,
Thailand

Tingsanchali, Tawatchai

B.Eng, Chulalongkorn, M.Eng., D.Eng.,
AIT

Visvanathan, Chettiyappan

B. Tech., Indian institute of Technology;
M. Eng., AIT, Thailand; Ph.D., Institut
National Polytechnique de Toulouse,
France

Weber, Karl E.

M.A., Dr. Phil, Heidelberg Ruperto-
Carola University in Heidelberg,
Germany

REGULAR FACULTY

Ahmad, Mokbul Morshed

B.Sc, M.Sc., Dhaka Univ., Bangladesh;
M.Sc., AIT, Thailand; Ph.D., Univ. of
Durham, UK

Professor [Economic geography;
regional and rural development
planning; community development;
Non-Governmental Organizations; civil
society; globalization; climate change
adaptation]

Department Head, Department of
Development and Sustainability,
School of Environment, Resources and
Development

Anal, Anil Kumar

Doctor of Veterinary Medicine, Univ.
of Agriculture, Pakistan; M.Sc, Ph.D,
AIT, Thailand

Professor [Food Engineering and
Bioprocess Technology Field of
Study, Food and Pharmaceutical
Biotechnology, Dairy and Meat
Process Technology, Food Colloids
and Biopolymers, Functional Foods,
Risk Analysis and Safety in Food
Supply Chain and Processing; Bionano
encapsulation; Nanotechnology
Applications in Food Industries;
Bionanotechnology; Agriculture
and Food Technology; Functional
Properties of Proteins and
Polysaccharides]

Department of Food, Agriculture
and Natural Resources, School
of Environment, Resources and
Development

Anutariya, Chutiporn

B.S., Chulalongkorn Univ; M.Sc., Ph.D.,
AIT, Thailand

Associate Professor [Database
and Information Systems; Learning
Technologies; Knowledge
Representation and Knowledge
Management; Open Data and Open
Government Data; Semantic, Ontology
and Linked Data Technologies]

Department of Information and
Communication Technologies, School
of Engineering and Technology

Babel, Mukand S.

B.Eng., Rajasthan Agr. Univ., India;
M.Eng., D.Eng., AIT, Thailand

Distinguished Professor [Hydrologic
and water resources modeling as
applied to integrated water resources
management; Watershed modeling
and management; Water resources
allocation and management;

Water resources and socioeconomic
development; Water supply system
and management; Climate change
impact and adaptation; Groundwater
resources management; and Flood
and drought analysis, forecasting and
management; Drought Forecasting and
Management]

Department of Civil and Infrastructure
Engineering, School of Engineering and
Technology

Director, Centre for Water and Climate
Adaptation

Badir, Yuosre F.

B.Sc.,Univ. of Garyounis, Libya;
M.Sc.,Univ. of Putra Malaysia,
Malaysia; M.Sc., Swiss Federal Inst. of
Tech., Switzerland

Professor [Managing Technology;
Innovation and New Product
Development]

Acting Dean, School of Management

Banerjee, Paula

MA, PhD, University of Cincinnati,
USA. Post Doctoral Research MSH,
Paris, France

IDRC Chair Professor [Migration
Studies, Border Studies and Gender
Studies]. Senior Consultant on Migrant
workers, especially women migrant
workers and migration and climate
change,

Director of the Centre on Gender and
Forced Displacement;

Gender and Development Studies,
Department of Development and
Sustainability, School of Environment,
Resources and Development

Bhatt, Ayushman

B. Eng., University of Technology of
Madhya Pradesh.; M. Eng., Indian
Institute of Technology, India.; Ph.D.,
The University of Tokyo, Japan

Assistant Professor [Transportation's
Accessibility and Connectivity
Impact Assessments, Sustainable
Transportation Planning,
Transportation Policy Studies]
Department of Civil and Infrastructure
Engineering, School of Engineering and
Technology

Bhujel, Ram C.

B.Sc., Institute of Agriculture and
Animal Science, Nepal; M.Sc., Ph.D.,
AIT, Thailand

Research Associate Professor
[Biostatistics and Research Design;
Curriculum Development; Women in
Aquaculture; Broodstock Nutrition;
Management and Fry Production;
Technology Transfer/ Extension]

Department of Food, Agriculture
and Natural Resources, School
of Environment, Resources and
Development

Director, Aqua Center

Bora, Tanujjal

B.Tech., North Eastern Regional
Institute of Science and Technology,
India; M.Eng., D.Eng., AIT, Thailand

Associate Professor [Energy materials,
nanosensors, MEMS/NEMS device
physics, Nanoengineered materials for
energy, environment and biomedical
applications, Innovation and Research
relating to solar cells, sensors and
coatings]

Department of Industrial Systems
Engineering, School of Engineering and
Technology

Director, Center of Excellence in
Nanotechnology

Chao, Kuo-Chieh

B.Sc.; National Chung-Hsing Univ., Taiwan; M.Sc., Ph.D., Colorado State Univ., USA

Associate Professor [Expansive and collapsible soils evaluation; soil improvement methods; unsaturated soil modeling; sustainability; landslide and debris flow investigation, soil behavior under dynamic loading; construction and design defect investigation, and tailings reclamation]

Department Head, Department of Civil and Infrastructure Engineering, School of Engineering and Technology

Chatterjee, Joyee

B.A., Delhi Univ., India; M.A., Ph.D., Univ. of Southern California, USA

Associate Professor [Gender and Development Communication; Global Health Communication; Gender; Culture and Social Issues in South Asia]

Department of Development and Sustainability, School of Environment, Resources and Development

Dailey, Matthew M.

B.S., M.S., North Carolina State Univ., USA; Ph.D., Univ. of California, (San Diego), USA

Visiting Professor (Machine Vision & Learning; Robotics; Software Engineering; Open-source Software Development)

School of Engineering and Technology

Cruz, Simon Guerrero

B.Sc., Universidad de Guadalajara, Mexico.; M.Sc., UNESCO IHE Institute for Water Education, The Netherlands.; M.Eng., Erasmus Mundus consortium formed by Gent Universiteit, Belgium and Vysoká škola chemicko-technologická v Praze, Czech Republic.; Ph.D., Radboud Universiteit Nijmegen, The Netherlands

Assistant Professor [Environmental Chemistry and Laboratory, Environmental Microbiology and Laboratory, Environmental Impact Assessment]

Department of Water Resources and Environmental Engineering, School of Engineering and Technology

Datta, Avishek

B.Sc., M.Sc., Bidhan Chandra Krishi Viswavidyalaya; Ph.D., Univ. of Nebraska-Lincoln, USA

Professor, [Agricultural Environments; Crop Productivity Management; Crop Ecophysiology and Modeling; Advanced Agricultural Experimentation]

Department Head, Department of Food, Agriculture and Natural Resources, School of Environment, Resources and Development

Dhakal, Shobhakar

B. Eng., National Institute of Technology Surat, India; M.Eng., Asian Institute of Technology, Thailand; Ph.D.,The Univ. of Tokyo, Japan

Professor [Modeling of Energy and carbon Emissions; Scenarios Policy Analyses]

Department of Energy and Climate Change, School of Environment, Resources and Development

Doneys, Philippe

B.A., Univ. of Toronto, Canada; M.A., Univ. of London, UK; Ph.D., Institut d' Etudes Politiques de Paris, France

Associate Professor (Empowerment; Gender and Politics; Gender and Migration; Gender and technologies; Masculinity; Gender-based Violence)

Department of Development & Sustainability, School of Environment, Resources and Development

Dong, Ha Thanh

B.Sc., Nha Trang Univ., Vietnam; M.Sc., Ph.D., Chulalongkorn Univ., Thailand

Assistant Professor [Aquatic Animal Health; Emerging Infectious Diseases; Fish Immunology and Vaccines; Applied Microbiology and Biotechnology]

Department of Food, Agriculture and Natural Resources, School of Environment, Resources and Development

Ekpanyapong, Mongkol

B.Eng.,Chulalongkorn Univ., Thailand; M.Eng., AIT, Thailand; M.Sc, Ph.D., Georgia Institute of Technology, USA

Associate Professor [Embedded Systems; Computer Architecture, VLSI design [Low power design]; Physical VLSI design; High Performance Computing; GPGPU; DSP]

Department of Industrial Systems Engineering, School of Engineering and Technology

Director, AIT Artificial Intelligence Technology Center

Endress, Tobias

B.B. A., Avans University for Professionals, Netherlands; M.A., Berlin University of the Arts – University of St. Gallen, Berlin; PhD, University of Gloucestershire, UK

Assistant Professor [Business, economics, finance and technology]

Director of Business Analytics and Digital Transformation Program, School of Management

Joseph Jerome French

B.S., Wingate University; MBA, Clemson University; Ph.D., University of New Orleans, USA

Associate Professor [Finance]

Faculty Director, International Finance Program, School of Management

Ghimire, Anish

B. Tech., Kathmandu University, Nepal.; M. Eng., AIT, Thailand., Ph.D., University of Cassino and Southern Lazio, Italy., University of Paris-Est, France., UN-IHE Delft Institute for Water Education, Netherlands

Assistant Professor [Water and Wastewater Treatment Processes; Centralized and Decentralized Sanitation; Resource Recovery using Anaerobic Digestion, Dark Fermentation and Photo Fermentation; Life Cycle Assessment; Climate Resilience Assessment of WASH systems] Department of Water, Resources and Environmental Engineering, School of Engineering and Technology

Hadikusumo, Bonaventura. H.W.

B.Eng., Univ. of Diponegoro, Indonesia; M.Eng., AIT; Ph.D., Univ. of Hong Kong, China SAR

Professor [Construction Information Technology; Construction Project Management; Construction Site Safety, Virtual Reality application in construction; Web-based project design and management; System Dynamic Simulation in Construction; Construction site safety]

Department of Civil and Infrastructure Engineering, School of Engineering and Technology

Himanshu, Sushil Kumar

B. Tech., Sam Higginbottom University of Agriculture, Technology and Sciences, India; M. Tech., Ph.D., Indian Institute of Technology Roorkee, India

Assistant Professor [Precision Agriculture; Remote Sensing and GIS Applications in Agriculture; Big Data and Machine Learning in Agriculture; Hydrologic/Cropping System Modeling]

Department of Food, Agriculture and Natural Resources, School of Environment, Resources and Development

Junaid, Muhammad

M.S., SZABIST, Pakistan; Ph.D., Beijing Institute of Technology [AACSB, AMBA, EQUIS], China

Assistant Professor [Consumer-brand Relationships; Consumer Behavior; Marketing Research]

Faculty Director PhD Program, School of Management.

Kanitpong, Kunnawee

B.S., Chulalongkorn Univ., Thailand; M.S., Univ. of Maryland at College Park, USA; Ph.D., Univ. of Wisconsin-Madison, USA

Professor [Road Traffic Safety; Accident Data Analysis; Highway Materials and Construction; Pavement Design and Analysis; and Pavement Management System]

Department of Civil and Infrastructure Engineering, School of Engineering and Technology

Khan, Syed Shurid

B.B.A., North South University; M.B.A., IBA, University of Dhaka; M.A., PhD., University of Hawaii at Manoa, USA

Assistant Professor [Macroeconomics for Business, Financial Economics, Financial Fundamentals, International Trade, Economics]

Faculty Director DBA Program, School of Management

Koomsap, Pisut

B.Eng., Thammasat Univ., Thailand; M.Sc., Univ. of Louisville, USA; Ph.D., Pennsylvania State Univ., USA

Associate Professor [Sensing and Control for Manufacturing Processes and Systems; Laser Applications in Manufacturing; Rapid Prototyping; Condition-Based Maintenance; Continuous Improvement]

Department of Industrial Systems Engineering, School of Engineering and Technology

Koottatep, Thammarat

B.Eng., Chiangmai Univ.; M.Eng., D.Eng., AIT, Thailand

Professor [Decentralized Waste and Wastewater Treatment Systems; Eco-engineering Technology for Waste and Wastewater Treatment and Management; Environmental Health and Sanitation]

Department of Water Resources and Environmental Engineering, School of Engineering and Technology

Global Water and Sanitation Center, Co-Director

Krishna, Chaitanya

B.Tech., Acharya Nagarjuna University, India; M.Tech., Indian Institute of Technology, India; Ph.D., The University of Tokyo, Japan

Assistant Professor [Structural Engineering, building damage analysis, earthquake engineering, seismic retrofitting of masonry constructions, reinforced concrete design, modal analysis of building, mathematical modelling of disaster management, disaster response analysis]

Department of Civil Infrastructure Engineering, School of Engineering and Technology

Kusakabe, Kyoko

B.A., Sophia Univ., Tokyo, Japan; M.Sc., Ph.D., AIT, Thailand

Professor [Gender, cross border labor migration and mobility; women in informal economy; gender issues in borderlands; gender issues in aquaculture and fisheries; CBDRM and Gender Issues]

Department of Development and Sustainability, School of Environment, Resources and Development

Lacombe, Guillaume Henri

B. Sc., M.Sc., AgroParis Tech; M.Sc., Ecole Nationale de Genie Rural; Ph.D., University of Sciences Montpellier, France

Visiting Faculty [Hydrology, Water Resources, Climate and Land-use Changes, Impact Assessments, Statistics, Modelling, Ecological Engineering, Water-Energy Nexus]

Department of Civil and Infrastructure Engineering, School of Engineering and Technology

Luong, Huynh Trung

B.Eng., Ho Chi Minh City Univ. of Tech., Vietnam; M.Eng., D.Eng., AIT, Thailand

Professor [Emergency Inventory Policies and Inventory Policies for Perishable Products; Supply Chain Design; Measures of Bullwhip Effect in Supply Chains; Availability-based and Reliability-based Maintenance; Fuzzy Quality Control Charts; Statistical Design of Experiments; Network Flows Related Problems]

Department Head, Department of Industrial Systems Engineering, School of Engineering and Technology

Macintosh, Donald John

B.Sc., University of Aberdeen, Scotland; Ph.D, University of Malaya, Malaysia

Visiting Faculty (Aquaculture and Aquatic Resources Management), School of Environment Resources and Development

Nakatsuji, Susumu

B.A. in Letters; M.A. in Letters; Ph.D. in Letter, Kyoto University, Japan

Visiting Faculty (Human Geography, Political Ecology, Land-Use and Land-Cover Change Research), School of Environment, Resources and Development

Nguyen, Loc Thai

B.Sc., Can Tho Univ., Vietnam; M.Sc., AIT, Thailand; Ph.D., Ohio State Univ., USA

Associate Professor [Non-thermal Food Processing Technologies; Mathematical Simulation in Food Engineering; Transport Phenomena of Food Processes; Integrated Electrochemistry-based Biosensors; Novel Sensing Platforms Based on Nanomaterials]

Department of Food, Agriculture, Natural Resources, School of Environment, Resources and Development

Nguyen, Thi Phuoc Lai

B.A. Univ. of Hue, Vietnam; M.Sc., Univ. of Bologna, Italy; Ph.D., Univ. of Sassari, Italy

Associate Professor [Coupled Human Environment Systems; Social Dimensions of Climate and Environmental Changes; Agri-environmental Policy, Water Governance]

Department of Development and Sustainability, School of Environment, Resources

Ninsawat, Sarawut

B.Sc., Silpakorn Univ., Thailand; M.Sc., AIT, Thailand; Ph.D., Osaka City Univ., Japan

Associate Professor [WebGIS; OGC Web Services and Specifications; Sensor Web; LBS; Mobile GIS Application]

Department Head, Department of Information and Communication Technologies, School of Engineering and Technology

Nitivattananon, Vilas

B.Eng., Chulalongkorn Univ.; M.A., Thammasat Univ.; M.Eng., AIT, Thailand; Ph.D., Univ. of Pittsburgh, USA

Professor [Management of Infrastructure and Services; Waste Recycling and Systems Management; Urban Environmental Management; Water Engineering and Management; Economic and Environmental Assessment; Climate Change Risk Assessment and Adaptation; Disaster Management in Urban Infrastructure Planning]

Department of Development and Sustainability, School of Environment, Resources and Development

Oanh, Nguyen Thi Kim

Dipl. Eng., Meteorology Odessa Hydrometeorology Institute, Ukraine.; M. Eng., Dr. Eng., AIT, Thailand

Distinguished Professor [Short-lived climate-forcing pollutants [BC and ozone precursors] and co-benefit analysis for emission reduction of open burning, mobile sources and residential combustion, Agro-residue field/open burning: integrated management strategies using monitoring, emission inventory and modeling tools, Satellite monitoring of Asian regional air quality with consideration on synoptic climatological patterns, Development of VOC emission profiles for refinement of photochemical model results, Enhanced adsorption/ catalytic oxidation for VOC treatment by nanoscale metallic particles]

Department of Water Resources and Environmental Engineering, School of Engineering and Technology

Air Quality Nexus Center, Director

Ongsakul, Weerakorn

B.Eng., Chulalongkorn Univ., Thailand; M.S., Ph.D., Texas AandM Univ., USA

Professor [Artificial Intelligence Applications to Power Systems; Parallel Processing Applications; Power System Operation and Control; Power System Deregulation and Restructuring]

Department of Energy and Climate Change, School of Environment, Resources and Development

Pal, Indrajit

B.Sc., Jadavpur Univ., India; M.A., Garhwal Univ., India; M.Sc., Jadavpur Univ., India; Ph.D. Vidyasagar Univ., India

Associate Professor [Disaster Preparedness; Mitigation and Management, Disaster Risk Governance; Disaster Risk Reduction; Hazard, Risk and Vulnerability Assessment; GIS and Remote Sensing Applications in Disaster Risk Management; Climate Change Adaptation; Incident Command System and Participatory Disaster Risk Management]

Department of Civil and Infrastructure Engineering; Department of Development

and Sustainability; Joint appointment with the School of Engineering and Technology and School of Environment, Resources and Development

Parnichkun, Manukid

B.Eng., Chulalongkorn Univ., Thailand; M.Eng., Ph.D., The Univ. of Tokyo, Japan

Professor [Robotics Control and Measurement; Design and Development of Hardware and Software of Mechatronic Devices; New Robot Mechanisms; Novel Control Algorithms; Innovative Measurement Concepts]

Department of Industrial Systems Engineering, School of Engineering and Technology

Parnell, Daniel

B.Sc., M.Phil., PhD., Liverpool John Moores University, UK

Visiting Faculty [Excercise and Health, Business Management, Sports Business Management], School of Management

Polprasert, Chantri

B. Eng., Electrical Engineering, Chulalongkorn University, Thailand; M.Eng., AIT, Thailand; Ph.D., University of Washington, USA

Assistant Professor [Data Science; Machine Learning; Cloud Computing; Signal Processing and Wireless Communications]

Department of Information and Communication Technologies, School of Engineering and Technology

Pramanik, Malay

B. Sc., M. Sc., Vidyasagar Univ., India; MPhil, Ph.D., Jawaharlal Nehru University, India

Assistant Professor [Digital and ICT Innovation; Urban Resilience; Infrastructure planning; Urban Innovation]

Department of Development and Sustainability, School of Environment, Resources and Development

Pussayanavin, Tatchai

B.Sc., King Mongkut's Institute of Technology; M.Sc., PhD., AIT, Thailand

Visiting Lecturer [Water and Wastewater Engineering]

Department of Energy Environment & Climate Change, School of Environment, Resources and Development

Puttiwongrak, Avirut

B.Eng., KMUT'NB Thailand; M.Eng., AIT Thailand; Ph.D., Kyoto Univ. Japan

Assistant Professor [Geomechanics; Geotechnical Engineering; Geo-exploration and environment Engineering] Department of Civil and Infrastructure Engineering, School of Engineering and Technology

Ricco, Raffaele

M.S., Ph.D., Univ. of Padova, Italy

Assistant Professor [Nanoparticles; Metal-Organic Frameworks; Bio-composites; Sol-gel; Surface functionalization]

Department of Industrial Systems Engineering, School of Engineering and Technology

Salam, P. Abdul

B.Sc. Eng. [Hons], Univ. of Peradeniya, Sri Lanka; M.Eng., D.Eng., AIT, Thailand

Professor [Bioenergy; Renewable Energy; Energy Conservation and Efficiency; Energy and Climate Change Issues; Heat Recovery Systems]

Department of Energy and Climate Change, School Dean, School of Environment, Resources and Development

Salin, K.R.

B.Sc., M.Sc., Kerala Agriculture Univ., India; PhD., Central Institute of Fisheries Educ., India

Associate Professor [Applied Genetics; Selective Breeding; Hatchery Management and Grow-out Techniques; Biofloc Technology; Climate Change in Fisheries and Aquaculture; GIS for Integrated Coastal Resources Management]

Department of Food, Agriculture and Natural Resources, School of Environment, Resources and Development

Department of Development and Sustainability, School of Environment, Resources and Development

Sanguankotchakorn, Teerapat

B. Eng., Chulalongkorn Univ., Thailand; M.Eng., Ph.D., Tokyo Institute of Technology, Japan

Associate Professor [Data Communications; Broadband Integrated Services Digital Networks; Multimedia Communications and Systems; Network Quality of Service]

Department of Information and Communication Technologies, School of Engineering and Technology

Santoso, Djoen San

B.Eng., Parahyangan Catholic Univ., Indonesia; M.Eng., AIT, Thailand; Ph.D., Saitama Univ., Japan

Associate Professor [Infrastructure Management in Developing Countries; Construction Project Management; Public Transportation; Non-motorized Transportation; Risk Management]

Department of Civil and Infrastructure Engineering, School of Engineering and Technology

Sasaki, Nophea

B.Sc., Royal Univ. of Agriculture, Cambodia; M.Sc., Shinshu Univ. Japan; PhD., Gifu Univ., Japan

Professor [Forest Carbon Management; Selective Logging Forest Carbon Accounting and Modeling; Ecological Modeling; Low-Carbon Project Development; Integrated REDD+ Project Management; Biodiversity Conservation; Payment for Ecosystem Services; Climate Policy]

Department of Development & Sustainability, School of Environment, Resources and Development

Sharma, Deepak

B.Eng., Punjab Engineering College, Chandigarh; M.Eng., D. Eng., AIT, Thailand

Professor [Energy-Water-Food Security, Climate Change, Infrastructure, Institutions, Energy Market Reforms, Technology-Policy Interactions]

Department of Energy and Climate Change, School of Environmental, Resources and Development

Director, Centre for Global Challenges

Shrestha, Rajendra Prasad

B.Sc., Haryana Agricultural Univ., India; M.Sc., D.Tech.Sc., AIT, Thailand

Professor [Sustainable Land management; Natural Resources Degradation and Environmental indicators; Landuse-climate, Geoinformatics]

Department of Development and Sustainability, School of Environment, Resources and Development

Shrestha, Sangam

M.Sc., Tribhuvan Univ., Nepal;
M.Sc., AIT, Thailand; Ph.D., Univ. of
Yamanashi, Japan

Professor [Climate Change and
Adaptation; Integrated Water

Resources Management; Hydrology
and Water Quality Modeling;
Groundwater Development and
Management, Sustainable Water
Management Policy]

Department of Civil and Infrastructure
Engineering, School Dean, School of
Engineering and Technology

Global Water and Sanitation Center,
Co-Director

Silpasuwanchai, Chaklam

B. Sc. Sirindhorn International Inst.
Of Tech; M. Eng. AIT, Thailand, Ph.D.
Kochi Univ., Japan

Assistant Professor [Machine Learning;
Neuroscience; Human-Computer
Interaction]

Department of Information and
Communication Technologies; School
of Engineering and Technology

Singh, Jai Govind

B.Eng., Motilal Nehru National
Institute of Technology, India; M.Tech.;
Ph.D, Indian Institute of Technology,
India

Associate Professor [Power System
Planning; Operation and Control;
FACTS Controllers; Restructuring
of Electric Industry, Demand-side
management;

Grid Integration of Renewable Energy
Resources; Power Distribution
Systems; Smart Grid; Micro Grid]

Department Head, Department of
Energy and Climate Change, School
of Environmental, Resources and
Development

Sriwannopas, Donyaprueth

B.S., Thammasat University, Thailand;
M.S., University of Colorado, USA;
Ph.D., Massachusetts Institute of
Technology, USA

Visiting Faculty [Telecommunications
Technology, Management and Public
Policy, Management of Technologies,
IT system implementation and
development, Software project
management, Consumer behaviors
and perceptions related to IT/IS,
E-commerce, Digital Marketing,
Telecom Industries, Marketing
Strategy with focus on digital
marketing, Business communications
and executive leadership], School of
Management

Sundaram, S. Mohana

B.Tech, Tamil Nadu Agricultural
University, India; M. Tech., Indian
Institute of Technology Kharagpur,
India; Ph.D., Indian Institute of
Technology Madras, India

Assistant Professor [Irrigation Water
Management, Groundwater Recharge
Estimation, Soil Moisture Monitoring
and Modelling in Unsaturated zone,
Chemical Leaching Modelling into
the Groundwater Systems, Remote
Sensing and GIS applications for Water
Resources and Agriculture and Time
Series and Geostatistical Modelling of
Environmental Observations.]

Department of Civil and Infrastructure
Engineering, School of Engineering and
Technology

Tangdamrongsub, Natthachet

B. Eng., Thammasat Univ., Thailand;
MSE, Chalmers Univ. of Technology,
Sweden; Ph.D., National Chiao Tung
University, Taiwan

Assistant Professor [Data assimilation,
satellite remote sensing and
gravimetry, land surface modeling,
artificial intelligence]

Department of Information and
Communication Technologies, School
of Engineering and Technology

Taparugssanagorn, Attaphongse

B.Eng, Chulalongkorn Univ.,
Thailand; MSc., Technische Unersitat
Kaiserslauten, Germany; Dr. Tech,
Univ. of Oulu, Finland

Professor [Smart Energy Grids;
Optimal Energy Scheduling; Smart
Grid Communications Using Cognitive
Radio-based Spectrum Sensing for
Cognitive Radio Systems; MIMO-
OFDMA Cooperative Relay Systems;
Cognitive Radio-based Wide Coverage
Rural Broadband on TV White Spaces;
Resource Allocation for MIMOOFDMA
Systems; Digital Image Processing]

Department of Information and
Communication Technologies, School
of Engineering and Technology

Trau, Dieter

Dipl. Ing. FH, Aachen University of
Applied Science, Germany; Ph.D.,
Hong Kong University of Science and
Technology, Hong Kong

Professor [Development of New
Approaches and Platform Technologies
for Bioanalytics, Biosensors,
Diagnostics and Environmental
Monitoring]

Department of Industrial Systems
Engineering, School of Engineering and
Technology

Director, AIT Entrepreneurship Center

Tripathi, Nitin Kumar

B.Tech., Regional Eng. College, India;
M.Tech., IIT.; Ph.D., IIT., Kanpur, India

Professor [Remote Sensing and
GIS for Disaster Mitigation; GIS;
Remote Sensing: RFID and Vehicle
Tracking; Indoor Positioning Systems;
Environment, Disaster; Agriculture;
Health; Applications]

Department of Information and
Communication Technologies, School
of Engineering and Technology,
Director, Special Degree Programs
[SDP]

Acting Vice President of Academic
Affairs

Tsusaka, Takuji

B. Eng. Univ. of Tokyo, Japan; M.A., Ph.D., National Graduate Institute for Policy Studies, Tokyo, Japan

Associate Professor [Agricultural Economics, Natural Resources Economics, Poverty Reduction, Technology Adoption, Impact Evaluation, Spatial Econometrics, Gender in Smallholder Agriculture]

Department of Development and Sustainability, School of Environment, Resources and Development

Virdis, Salvatore G.P.

M.Sc., Univ. of Siena, Italy; Master DESS, Université Pierre et Marie Curie UOMC, France; Ph.D., Univ. of Siena, Italy

Associate Professor [Applied Geological Sciences and Remote Sensing; Geo-Information and Earth Observation Science; Remote/Proximal Sensing Techniques; Advanced Geospatial Modelling for Natural and Non-natural Processes from Field- to Landscape-scale on Range of Timescales from Seasonal to Decadal Processes; Dynamics of Physical Landscapes; Social and Human Dimensions of Geographical Problems]

Department of Information and Communication Technologies, School of Engineering and Technology

Warnitchai, Pennung

B.Eng., Chulalongkorn Univ., Thailand; M.Eng., Ph.D., The Tokyo Univ., Japan

Professor [Structural Dynamics; Earthquake Engineering: Seismic Hazard Assessment; Earthquake-resistant Design of Structures; Wind Engineering: Wind Effects on Structures; Aero-elasticity; Wind Tunnel Model Tests; Bridge Engineering: Control of Structural Vibration]

Department of Civil and Infrastructure Engineering, School of Engineering and Technology

Winijkul, Ekbordin

B.Eng., Chiangmai Univ., Thailand; M.Eng, AIT, Thailand; Ph.D., Univ. of Illinois at Urban-Champaign, USA

Associate Professor [Air Pollution Emission Inventory; Household Emission Distribution and Mitigation Scenarios; Transportation Emission Reduction Strategies; Air Quality Monitoring and Modeling]

Department Head, Department of Water Resources and Environmental Engineering, School of Environment, Resources and Development

Xue, Wenchao

B.E., M.E., Tsinghua Univ., China; Ph.D., The Univ. of Tokyo, Japan

Associate Professor [Energy/Resource Productive Wastewater Treatment; Water/Wastewater Membrane and Electrochemical Technologies; Sustainable Watershed Management; Environmental Emerging Contaminants]

Department of Water Resources and Environmental Engineering, School of Engineering and Technology

Belt and Road Research Centre, Director

Yaseen, Muhammad

B.Sc. [Hons]., M.Sc.,University of Agriculture Faisalabad, Pakistan.; M.Sc., Ph.D., AIT, Thailand

Assistant Professor [Agricultural risk management, climate-smart agriculture, sustainable agri-food value chains, agricultural economics, agribusiness management, agriculture policy analysis, and agriculture information/extension services]

Department of Food, Agriculture and Natural Resources, School of Environment, Resources and Development

Zulfiqar, Farhad

B.Sc., M.Sc., University of Agriculture Faisalabad, Pakistan.; M.S., Ph.D., AIT, Thailand

Assistant Professor [Sustainability in value chains; Innovations for sustainable development; Water management; Agriculture policy analysis; Climate change; Food security]

Department of Food, Agriculture and Natural Resources , School of Environment, Resources and Development