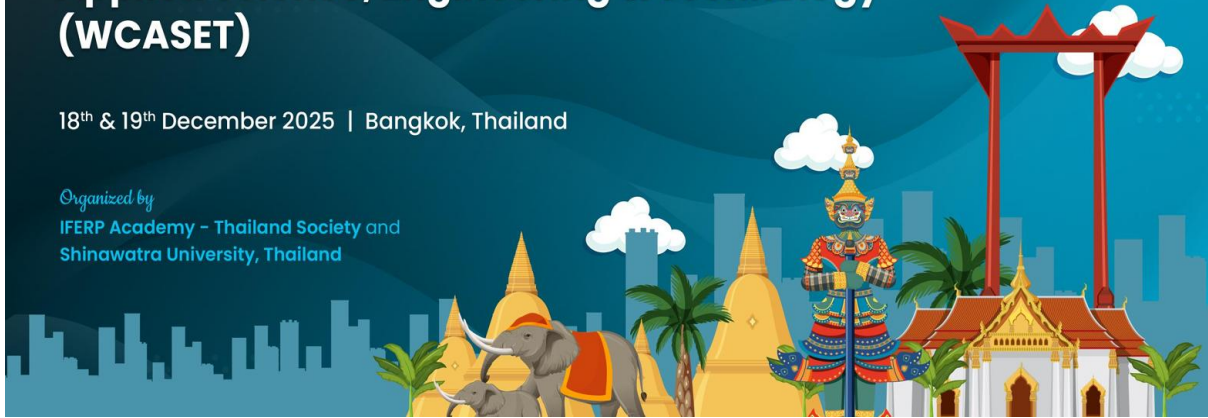




49th World Conference on Applied Science, Engineering & Technology (WCASET)

18th & 19th December 2025 | Bangkok, Thailand

Organized by
IFERP Academy - Thailand Society and
Shinawatra University, Thailand



49th World Conference on Applied Science, Engineering & Technology (49th WCASET - 2025)

Organized by IFERP Academy

Post Conference Report

49th WCASET – 2025, Contributed to Following SDGs



1. Conference Summary

1.1 Conference Overview

The **49th World Conference on Applied Science, Engineering & Technology (WCASET 2025)** was held in Bangkok, Thailand on **18th – 19th December 2025**, jointly organized by **Shinawatra University, Thailand and IFERP Academy – Thailand Society**.

The platform brought together a global delegation of scientists, researchers, students, and industry professionals to exchange new ideas, discuss development activities, and establish collaboration networks in applied science, engineering, and technology.

1.2 Conference Theme

The designated theme for 2025 was:

“ WCASET Nexus: Where Science, Education and Technology Converge ”

This theme emphasized interdisciplinary collaboration to solve global challenges through scientific and technological innovation.

1.3 Objectives & Scope of the Conference

The objectives highlighted included:

- Facilitating meaningful scientific discussions and collaboration.
- Encouraging innovation that shapes the future of science, engineering, and technology.
- Celebrating cutting-edge research and research excellence.
- Addressing ethical issues related to equitable technological deployment.
- Motivating students and professionals toward innovative research.
- Solving global challenges through interdisciplinary synergy.
- Establishing best practices and optimization strategies.
- Enabling long-term professional networking and partnerships.

2. Conference Statistics

- **150+ manuscripts**
- 6+ Sessions
- After rigorous review by **2–4 referees**, **50+ papers** were accepted for publication in the proceedings.
- 23+ Speakers
- 6+ Sessions

- Participation from 33+ Countries
- The conference prioritized relevance and academic quality.

Delegates included academicians, professionals, students, and industry representatives from multiple countries.

3. Guest of Honor, Keynote Speakers, Workshop Speakers & Session Chairs

The program featured distinguished global academics and industry leaders.

- The **Guest of Honour** for the inaugural session was **Mr. A. Siddth Kumar Chhajer**, Founder & Managing Director, IFERP Academy.
- Over **12 international keynote speakers** represented Malaysia, Bangladesh, Pakistan, and the UAE—covering AI, cybersecurity, telecommunications, sustainability, optical networks, robotics, and finance.
- Session speakers included senior academics from India, the UK, Australia, Jordan and others
- A full Panel Discussion team was assembled for the theme, **“AI-Driven Robotics: Transforming Manufacturing, Healthcare, and Smart Cities.”**
- Dedicated **Session Chairs and Moderators** covered academic institutions across UAE, Malaysia, India, and Palestine



In-Person Keynote Speaker



Dr. Frank LoVecchio
Medical Director Clinical Research,
College of Health Solutions,
Arizona State University,
United States.

In-Person Invited Keynote Speakers



Dr. Pattamawadee Sankheangaew
Mahachulalongkornrajavidyalay,
University,
Thailand.



Assoc. Prof. Dr. Thachakorn Komol
Faculty of Education and Human
Development,
Roi Et Rajabhat University,
Thailand.

In-Person Plenary Speaker



Assoc. Prof. Ts. Dr. Ahmad Shakir Mohd Saudi
Universiti Kuala Lumpur,
Malaysia.



Vilko Mandic
University of Zagreb
Croatia

Virtual Keynote Speakers



Dr Pwaveno Huladeino Bamaiyi

Dean
Faculty of Veterinary Medicine,
University of Jos, Jos,



Dr. Almoataz Abdelaziz

Professor of Electrical Power Engineering,
Ain Shams University,
Egypt.

Virtual Session Speakers



Assoc. Prof. Dr. Brijesh Mishra

Department of Electronics and
Communication Engineering,
School of Engineering and
Technology,
CMR University,



Dr. S. Thanikaikarasan

Associate Professor
Department of Physics & Department of
Environmental Biotechnology
Saveetha School of Engineering
Saveetha University, India.



Dr. V. Gokula Krishnan

Professor
Department of Computer Science
Engineering
SRM Easwari Engineering College
Tamil Nadu, India.

Virtual Session Speakers



Prof. Dr. Gianluca Mattarocci
University of Rome Tor Vergata,
Italy.



**Assoc. Prof. Dr. Siti Hafsyah binti
Idris**
Universiti Teknologi MARA,
Malaysia.



Dr. Mannur Ismail Shaik
Universiti Malaysia Terengganu
Malaysia.

Virtual Session Speakers



Prof. Dr. Imas Sukaesih Sitanggang
IPB University,
Indonesia.



Prof. Dr. Bayu Indrawan
Center of Waste Management
Indonesia
Indonesia.

Virtual Plenary Speakers



Tirumala Kishore Palem
DevSecOps Lead @ EDD
CA, USA.



Radhika Kande
Lead Cloud Engineer
@Premier Inc
Information Technology
Infrastructure
TX, USA.



Pradeep Anjuru
Lead software Engineer @
Akkodis - Electrify America
Software Development Dept,
MI, USA.



Gopi Chand Vegineni
Sr. Software Engineer
Enrollment and Eligibility
team,
Nexsolv Inc.

Session Chair



Dr. Osheen Sharma
Assistant Professor
Goswami Ganesh Dutta Sanatan Dharam College,
Chandigarh, India.

4. Welcoming & Introduction

The formal conference opening began at **09:00 AM on 18th December 2025**, with moderator introductions before the inaugural ceremony.

5. Welcome Speeches

Welcome messages were delivered by:

- **IFERP Director** expressing gratitude and emphasizing knowledge exchange.
- **Chief Executive, IFERP**, highlighting networking and professional development goals.
- **Shinawatra University, Thailand** stressing the sustainability dimension.

6. Group Photo



7. Inaugural Programme

The formal inauguration occurred **09:15–10:00 AM** involving sequential short speeches from keynote panelists.

8. Conference Proceedings Book Release

A dedicated slot from **09:53–10:00 AM** was reserved for releasing the official WCASET 2025 Proceedings Book





<https://www.iferp.in/past-conferences.php>

9. Memento Ceremony

Mementos were distributed between **09:45–09:53 AM** to dignitaries and speakers.



10. Technical Presentation Sessions

Technical paper sessions ran in-person on 18th December from 2:19 PM to 5:39 PM, featuring presentations on object detection, biomedical quality evaluation, mathematics modelling, urban planning, and roundabout optimization.

Total 6+ sessions

11. International Mobility Exchange Program


As emphasized in the objectives, WCASET encouraged global academic collaboration, placement networking, mobility, and partnerships by offering publication opportunities and global participation hosted by Shinawatra University, Thailand and IFERP.



12. Award Ceremony – Best Paper Presentation Awards

Awards were presented following technical sessions, recognizing high-quality contributions aligned with conference goals.



Name	Photo	Paper Title
<p>Jerome Ricardo M. Ceralde</p> <p>Mapúa University</p>		<p>Range Characterization of a LoRa-Equipped Decentralized Wireless Sensor Network for Monitoring Forest Areas</p>

Marialourdestan

Leyte Normal
University
Tacloban City,
Leyte, Philippines



Navigating Challenges and
Coping Strategies in Concurrent
Field Studies: Insights for
Curriculum Innovation in Science
Education

13. Conference Glimpses





14. General Comments & Feedbacks

Delegates expressed appreciation for:

- Strong academic rigor and peer-review process.
- International representation and networking opportunities.
- Ability to publish in indexed journals (Scopus, SCIE, WoS).
- Exposure to industry-driven innovation and sustainability research.

Organizers emphasized continued efforts to expand the conference's international reach and research visibility.