



3rd Latin American International Conference on Sustainable Engineering and Education (3rd LAICSEE – 2025)

Organized by IFERP Academy

Post Conference Report

3rd LAICSEE – 2025, Contributed to Following SDGs



Foreword

Dear Participants,

It gives me great pleasure to share with you the outcomes and results of the 3rd LAICSEE-2025, with the theme of " Sustainable Industrial Practices: Bridging the Gap between Knowledge and Technological Innovation " which was held at Lima, Peru on 12th & 13th June, 2025. More than 200 people attended the event in person, and more than 400 people watched the live stream online. We were able to actively engage and reach out to a wider spectrum of research communities.

The 3rd Latin American International Conference on Sustainable Engineering and Education (3rd LAICSEE-2025), provided a vibrant platform that brings together scholars, educators, and researchers from a variety of disciplines. It is a hub for exchanging innovative research about Industrial Engineering, General Engineering, Social Science, Education and Management that foster critical and creative thinking, mainly in the multidisciplinary research studies and education.

We are grateful for the support of many universities and research institutes, whose contributions were vital to the success of this conference. We extend our sincere gratitude and highest respect to the professors who played an important role in the review process, providing valuable feedback and suggestions to authors to improve their work. We also extend our appreciation to the external reviewers for providing additional support in the review process and to the authors for contributing their research results to the 3rd Latin American International Conference on Sustainable Engineering and Education (3rd LAICSEE-2025)

Mr. Siddth Kumar Chhajjer

MD & Founder,

IFERP, Technoarete Group



Mr. A. Siddth Kumar Chhajjer

MD & Founder, IFERP
Technoarete Group

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1. Conference Summary



Conference Name : 3rd Latin American International Conference on Sustainable Engineering and Education (3rd LAICSEE-2025)

Date : 12th & 13th June, 2025

Venue : Lima, Peru

Conference Theme : Sustainable Industrial Practices: Bridging the Gap between Knowledge and Technological Innovation

Organized By : IFERP Academy

No. of Organizing Committee Members : 25

No. of Editors/Reviewers : 16

No. of Speakers : 10

No. of Abstracts Received : 154

No. of Participants Registered : 112

No. of Attendees : 150

1.1 Conference Overview

3rd Latin American International Conference on Sustainable Engineering and Education (3rd LAICSEE-2025), was the place where ideas collided and innovations take the spotlight for the contribution towards achieving Sustainable Development Goals! 3rd Latin American International Conference on Sustainable Engineering and Education (3rd LAICSEE-2025) had long been the meeting place for professionals, educators, researchers, policymakers, and industry professionals looking to network, share ideas, and grow in their respective fields. At this Sustainable Engineering and Education conference in Lima, Peru, academics, researchers, and educators were came together to share their groundbreaking research, and different views, and explore unique ideas from various fields.

Through collaboration, the conference explored intersections between various disciplines and created a dynamic environment to enhance educational discussions and explore diverse studies. This International Conference in Lima, Peru, was a part of shaping the future of global education. They continued to inspire, transform, and shape education together. Their participation was more than just an RSVP; it is an important role in our community dedicated to academic success and positive change.

1.2 Conference Theme

The theme of the 3rd Latin American International Conference on Sustainable Engineering and Education (3rd LAICSEE-2025) “ **Sustainable Industrial Practices: Bridging the Gap between Knowledge and Technological Innovation** “ was to provide a lively space where different academic areas come together. 3rd LAICSEE-2025 stands as a melting pot of ideas, where the boundaries between advances in Sustainable Engineering and Education disciplines blur, giving rise to innovative solutions that address global challenges. The conference embraces the multidisciplinary nature of educational excellence driving through digital transformation, recognizing that true breakthroughs often occur at the intersections of different fields.

This theme encapsulates the conference's focus on fostering innovation and collaboration across diverse disciplines within Sustainable Engineering and Education. It encourages participants to explore and present cutting-edge solutions that contribute to the sustainable development of industries, addressing challenges and advancing knowledge for a better future. The multidisciplinary perspective highlights the interconnectedness of various fields in creating holistic and impactful solutions.

1.3 Objectives & Scope of the Conference

The 3rd Latin American International Conference on Sustainable Engineering and Education (3rd LAICSEE-2025) aims to bring together academics, researchers, industry professionals, and students from diverse fields to explore cutting-edge advancements and trends across Sustainable Engineering and Education.

Key objectives include:

- **Foster Critical Thinking:** Encourage interdisciplinary discussions to promote innovative solutions in sustainable engineering and education.
- **Synchronize Disciplines:** Align sustainable engineering, technology, and education on a unified platform to address global challenges.
- **Promote Global Collaboration:** Provide a platform for academics, researchers, scholars, and professionals from universities, research institutes, and industries to share knowledge and collaborate.

3rd LAICSEE-2025 transcends traditional boundaries, providing a platform for comprehensive exploration across a multitude of disciplines. The conference encompasses a wide scope that includes, but is not limited to:

- **Sustainable Technologies:** Innovations in engineering that contribute to environmental sustainability.
- **Environmental Impact Assessments:** Methods and tools for evaluating the ecological effects of engineering projects.
- **Sustainable Education Practices:** Educational strategies and curricula that promote sustainability awareness and action.
- **Interdisciplinary Research:** Collaborative studies that bridge gaps between engineering, education, and sustainability.

2. Guest of Honor, Keynote Speakers, Session Speakers, & Session Chairs

Guest of Honour



Mr. Siddh Kumar Chhajer
MD & Founder, IFERP
Technoarete Group
India



Mr. Jesús Otto Villanueva Napurí, MSc.
Professor. Former Director of the Schools of
Telecommunications Engineering and Electronic
Engineering, Universidad Nacional Mayor de San
Marcos. Former Vice President of the Supervisory
Agency for Private Investment in
Telecommunications - OSIPTEL.

Keynote Speakers



Prof. Dr. Anand Nayyar
Full Professor, Scientist, Vice-
Chairman (Research) and
Director- IoT and Intelligent Systems
Lab, School of Computer Science, Duy
Tan University
Da Nang,



Prof. Dr. Girijesh Prasad
Professor of Intelligent Systems
School of Computing, Engineering and
Intelligent Systems
University of Ulster
United Kingdom.



Dr. Ts. Suresh Gobee
Head of Asia Pacific Center of Robotics
Engineering (APCoRE)
Senior Lecturer
Asia Pacific University of Technology and
Innovation (APU / APIIT)
Malaysia.



Carlos Sotelo-López
PhD in Electrical Engineering. Past Vice
Minister of Communications of Peru
Advisor to the Vice Rectorate for Research
and Graduate Studies at UNMSM
Peru.



Prof. Dr. Jose Luis Solis Veliz
Director de Centro de Energías Renovables
(CER)
Professor Principal
Universidad Nacional de Ingeniería
Peru.



Mr. Mesías Guevara
Senior Executive
Peruvian
Peru

Session Speakers



Prof. Ir. Dr. Mohammed Alias Yusof
Professor
Department of Civil
Engineering, National Defense
University of Malaysia
Sungai Besi Military Camp



**Assoc Prof. Dr. Mohd Fathi
Abu Yaziz**
Universiti Teknologi MARA
Malaysia.



Prof. Dr. Cordelia Mason
Professor of Management &
Entrepreneurship
Universiti Kuala Lumpur
Malaysia.

Session Chair



Dr. Pablo Huerta Fernández
Professor, Department of
Agriculture
Universidad Nacional Agraria La
Molina
Peru

3. Welcoming & Introduction

Welcome to the 3rd Latin American International Conference on Sustainable Engineering and Education (3rd LAICSEE-2025), where we gather the brightest minds and the most innovative ideas to inspire, educate, and connect. Before we dive into today's agenda, let's take a moment to appreciate the vibrant atmosphere here at Lima, Peru. This location has been thoughtfully chosen to provide an inspiring environment for our discussions and networking. The theme of the 3rd Latin American International Conference on Sustainable Engineering and Education (3rd LAICSEE-2025) is “ Sustainable Industrial Practices: Bridging the Gap between Knowledge and Technological Innovation “.

Our objective is to explore new technologies in Sustainable Engineering and Education. Over the next two days, we have a packed schedule with two sessions, and ten keynote presentations from industry leaders and experts. This conference would not be possible without the hard work and dedication of many individuals. We would like to extend a special thank you to our conference managers, and organizing committee members.

4. Welcome Speeches

4.1 Welcome Speech by Special Guest - Mr. Jesus Otto Villanueva Napuri



Mr. Jesús Otto Villanueva Napurí, MSc.
Professor. Former Director of the Schools of
Telecommunications Engineering and Electronic
Engineering, Universidad Nacional Mayor de San
Marcos. Former Vice President of the Supervisory
Agency for Private Investment in
Telecommunications - OSIPTEL.

4.2 Welcome Speech by Special Guest - Prof. Dr Jose Luis Solis Veliz



Prof. Dr Jose Luis Solis Veliz
Director de Centro de Energias Renovables
(CER)
Professor Principal
Universidad Nacional de Ingeniería
Peru.

4.3 Welcome Speech by Special Guest – Mr. Mesías Guevara



Mr. Mesías Guevara
Senior Executive
Peruvian
Peru

5. Keynote Speeches

5.1 Speech by Keynote speaker - Mr. Mesías Guevara



Mr. Mesías Guevara

Senior Executive
Peruvian
Peru

5.2 Speech by Keynote speaker – Prof. Dr Jose Luis Solis Veliz



Prof. Dr Jose Luis Solis Veliz

Director de Centro de Energias Renovables
(CER)
Professor Principal
Universidad Nacional de Ingeniería
Peru.

5.3 Speech by Keynote speaker – Prof. Dr. Anand Nayyar



Prof. Dr. Anand Nayyar
Full Professor, Scientist, Vice-
Chairman (Research) and
Director- IoT and Intelligent Systems
Lab, School of Computer Science, Duy
Tan University
Da Nang,
Vietnam.

5.4 Speech by Keynote speaker – Prof. Dr. Girijesh Prasad



Prof. Dr. Girijesh Prasad
Professor of Intelligent Systems
School of Computing, Engineering and
Intelligent Systems
University of Ulster
United Kingdom.

5.5 Speech by Keynote speaker – Dr Ts. Suresh Gobee



Dr. Ts. Suresh Gobee
Head of Asia Pacific Center of Robotics
Engineering (APCoRE)
Senior Lecturer
Asia Pacific University of Technology and
Innovation (APU / APIIT)
Malaysia.

6. Group Photo



7. Inaugural Programme

The inaugural program of the 3rd Latin American International Conference on Sustainable Engineering and Education (3rd LAICSEE-2025), Lima, Peru on 12th & 13th June, 2025, conference sets the tone for the entire event, providing an opportunity to introduce the theme, objectives, and key participants. The inaugural program included inaugural addresses, proceedings release, Momento ceremony & Institutional Membership Benefits etc. The inaugural program was a crucial part of the conference, serving to welcome and engage participants, set the context for discussions, and recognize the contributions of key individuals.

8. Conference Proceedings Book Release

The 3rd Latin American International Conference on Sustainable Engineering and Education (3rd LAICSEE-2025) Conference proceedings was a comprehensive collection of the papers presented at the 3rd LAICSEE-2025. The Conference Proceedings serve as a valuable record of the research and discussions that occurred during the 3rd LAICSEE-2025 conference, providing insights into current trends, innovations, and the future direction of Sustainable Engineering and Education.

On behalf of the organizing committee of the 3rd Latin American International Conference on Sustainable Engineering and Education (3rd LAICSEE-2025), the conference proceedings was released.





3RD LATIN AMERICAN International Conference on Sustainable Engineering and Education

12th & 13th June 2025

Del Pilar Miraflores Hotel, Lima, Peru

Organized by:- IFERP Academy

#IFERPsupportsSDGs



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

9. Momento Ceremony

The conference speakers, session speakers, & session chairs were awarded with Momentos.



10. Technical Presentation Sessions

10.1 Technical Presentation Session 1

10.1.1 – 10.1.10 Total 10 Scientific Presentations were presented in the Technical Presentation Session 1

11. Technical Presentation Sessions

11.1 Technical Presentation Session 1

11.1.1 Speech by Session Speaker Assoc Prof. Dr. Mohd Fathi Abu Yaziz



**Assoc Prof. Dr. Mohd Fathi
Abu Yaziz**
Universiti Teknologi MARA
Malaysia.

11.1.2 Speech by Session Speaker Prof. Ir. Dr. Mohammed Alias Yusof



Prof. Ir. Dr. Mohammed Alias Yusof
Professor
Department of Civil
Engineering, National Defense
University of Malaysia
Sungai Besi Military Camp
Malaysia.

11.1.3 Speech by Session Speaker Prof. Dr. Cordelia Mason



Prof. Dr. Cordelia Mason
Professor of Management &
Entrepreneurship
Universiti Kuala Lumpur
Malaysia.

11.1.4 – 11.1.6 Total 6 Scientific Presentations were presented in the Technical Presentation
Session 1

12. Award Ceremony - Best Paper Presentation Awards



Photo	Name	Paper Title
	Samuel Salay Poliden	Assessment of Advanced Studies Language Programs
	Dr. Darwin M Galorio	Exploring the Essence and Sustainability of Community Extension Programs in Philippine HEIs: A Grounded Theory Approach
	Natalia Alexandra Bohorquez Toledo	Conceptual Engineering Design of the Green Hydrogen Production Process as a Mechanism to Contribute to the Carbon Neutrality Strategy in Colombia

13. Valedictory Function

13.1 Conference - Conclusion Summary

The 3rd Latin American International Conference on Sustainable Engineering and Education (3rd LAICSEE-2025), held on 12th & 13th June, 2025, at Lima, Peru organized by IFERP Academy brought together a diverse group of experts, practitioners, and enthusiasts from various fields. The central theme of the conference was " Sustainable Industrial Practices: Bridging the Gap between

Knowledge and Technological Innovation" and it successfully fostered a collaborative environment for sharing knowledge, insights, and advancements to achieve SDGs.

Key Highlights:

The conference commenced with an inspiring Special Guest of Speech by Mr. Siddh Kumar Chhajer, MD & Founder, Technoarete Group, who emphasized the importance of multidisciplinary conferences, collaboration and innovation, QS University World Rankings and Times Higher Education (THE) University World Rankings. Keynote Speakers highlighted the recent breakthroughs and the potential for future developments in Multidisciplinary and Current Educational Research.

Research Presentations:

Over 112 research papers were presented, covering a wide range of topics. These presentations showcased cutting-edge research and fostered lively discussions.

Networking Opportunities:

The conference facilitated numerous networking events, allowing attendees to connect with peers, potential collaborators, and industry leaders. The virtual and in-person networking sessions were particularly well-received, enhancing professional relationships and sparking new partnerships.

Achievements and Outcomes:

- Several new collaborative initiatives were announced, aiming to address global challenges. These initiatives will leverage the collective expertise and resources of participating organizations.
- Publication of Proceedings including the conference proceedings, including research papers and keynote addresses, will be published. Future Conferences: Plans for the next conference were discussed, with suggestions for topics and formats that could further enhance engagement and impact.

Closing Remarks:

In the closing session, IFERP Academy expressed its gratitude to all the participants, academic partners, sponsors, and organizers. IFERP Academy highlighted the conference's success in achieving its objectives and underscored the importance of continued collaboration and innovation. Attendees left with a sense of accomplishment and a renewed commitment to advancing in their fields.

The conference concluded on a high note, with participants energized and motivated to apply the insights gained to their respective fields. The event not only celebrated current achievements but also set a forward-looking agenda for future research and development.

14. Vote of Thanks

Dear Researchers, Academicians & Students,

As we draw to the close of this remarkable 3rd Latin American International Conference on Sustainable Engineering and Education (3rd LAICSEE-2025) it is our honor and privilege to extend a vote of thanks on behalf of the organizing committee. Today has been a day filled with insights, inspiration, and invaluable networking opportunities, and none of this would have been possible without the collective efforts of many individuals and organizations.

Firstly, we would like to express our deepest gratitude to our esteemed speakers. Your expertise, thoughtful presentations, and engaging discussions have been the highlight of this conference. You have not only enlightened us with new knowledge but have also inspired us to think critically and creatively about the challenges and opportunities in our field.

A special thanks to our dedicated organizing committee and volunteers. Your hard work behind the scenes, meticulous planning, and tireless efforts have ensured that everything ran smoothly. Your passion and dedication are truly commendable, and this event could not have happened without you. We are also grateful to our attendees. Your active participation, thoughtful questions, and enthusiastic engagement have added great value to this conference. It is your eagerness to learn and share that makes the events like this so rewarding and worthwhile.

We would like to acknowledge the venue staff for their excellent service and hospitality, providing us with a comfortable and conducive environment for our discussions and networking.

Finally, I want to thank everyone who has contributed, in big ways and small, to the success of this conference. Whether you were a speaker, sponsor, attendee, or volunteer, your involvement has been crucial.

As we conclude, let us take with us the knowledge we have gained, the connections we have made, and the inspiration to drive forward in our respective fields. We look forward to seeing you at future conferences and continuing these valuable conversations.

15. Conference Glimpses



16. General Comments & Feedbacks

Overall Comments of the Participants:

- Organizing and Coordination of the conference was excellent and professional.
- Speakers were no doubt enriching.
- Overall, an excellent International Conference.
- The introduction of the conference program was so effective that it distracts you from the research topic
- Keynote speakers talks were worth listening.
- Issues were resolved carefully.