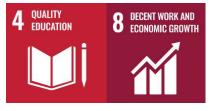


International Conference on Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities (ICEESSH - 2025)

Organized by IFERP Academy
in association with
University of Rizal System, Philippines
Post Conference Report

ICEESSH – 2025, Contributed to Following SDGs















Foreword

Dear Participants,

It gives me great pleasure to share with you the outcomes and results of the ICEESSH -2025, with the theme of " Innovative **Solutions** for Sustainable Infrastructure Development: Integrating Engineering, Education and Social Sciences " which was held at Seoul, South Korea on 24th & 25th July, 2025. More than 300 people attended the event in person, and more than 500 people watched the live stream online. We were able to actively engage and reach out to a wider spectrum of research communities.



MD & Founder, IFERP Technoarete Group

The International Conference on Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities (ICEESSH - 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 Engineering Innovations, Education and Pedagogy, Social Sciences and Community Engagement, Policy and Governance, Arts and Humanities, Technology and Innovation, Sustainability and Environmental Impact, International Perspectives, Health and Wellbeing, 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 International Conference on Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities (ICEESSH - 2025).

Mr. Siddth Kumar Chhajer MD & Founder, IFERP, Technoarete Group

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1. Conference Summary



Conference Name : International Conference on Cross-Disciplinary Insights: Engineering,

Higher Education, Social Science, and Humanities (ICEESSH - 2025)

Date : 24th & 25th July, 2025

Venue : Seoul, South Korea

Conference Theme: Innovative Solutions for Sustainable Infrastructure Development:

Integrating Engineering, Education and Social Sciences

Organized By : University of Rizal System, Philippines and IFERP Academy

No. of Organizing Committee Members : 23

No. of Editors/Reviewers : 18

No. of Speakers : 15

No. of Abstracts Received : 185

No. of Participants Registered : 116

No. of Attendees : 212

1.1 Conference Overview

International Conference on Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities (ICEESSH - 2025), was the place where ideas collided and innovations take the spotlight for the contribution towards achieving Sustainable Development Goals! International Conference on Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities (ICEESSH - 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 Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities conference in Seoul, South Korea 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 Seoul, South Korea, 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 International Conference on Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities (ICEESSH - 2025) " Innovative Solutions for Sustainable Infrastructure Development: Integrating Engineering, Education and Social Sciences" was to provide a lively space where different academic areas come together. ICEESSH - 2025 stands as a melting pot of ideas, where the boundaries between advances in Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities blur, giving rise to innovative solutions that address global challenges. The conference embraces the Cross-Disciplinary 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 Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities. 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 Cross-Disciplinary perspective highlights the interconnectedness of various fields in creating holistic and impactful solutions.

1.3 Objectives & Scope of the Conference

The International Conference on Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities (ICEESSH - 2025) aims to bring together academics, researchers, industry professionals, and students from diverse fields to explore cutting-edge advancements and trends across Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities.

Key objectives include:

- Foster Cross-Disciplinary Collaboration: Bring together scholars, researchers, educators, and practitioners from engineering, higher education, social sciences, and humanities to share insights and explore common challenges.
- Encourage Knowledge Integration: Promote the blending of methodologies, theories, and practices across disciplines to generate innovative approaches to global and regional issues.
- Advance Research and Innovation: Provide a platform for presenting cutting-edge research
 findings, emerging technologies, and conceptual frameworks that contribute to sustainable and
 inclusive development.
- Enhance Educational Practices: Explore strategies for improving higher education through interdisciplinary approaches, policy innovation, and digital transformation.
- **Promote Dialogue on Societal Impact :** Highlight the role of engineering, education, social sciences, and humanities in addressing societal needs such as equity, ethics, sustainability, and cultural preservation.
- Strengthen Global Networks: Build academic and professional networks that encourage long-term collaboration, joint research projects, and knowledge-sharing initiatives.

ICEESSH – 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:

• **Engineering :** Sustainable and green technologies, Artificial intelligence, data science, and smart systems, Engineering education and pedagogy, Infrastructure and resilience in developing societies.

- **Higher Education :** Curriculum innovation and interdisciplinarity, Digital transformation in teaching and learning, Equity, diversity, and inclusion in higher education, Globalization and international collaboration in academia.
- Social Sciences: Policy research, governance, and development studies, Sociology of technology and innovation, Migration, urbanization, and demographic change, Social equity, justice, and human rights.
- **Humanities**; Cultural heritage and preservation, Ethics, philosophy, and human values in technology, Literature, language, and identity in a globalized world, History and its relevance to contemporary challenges.
- Cross-Cutting Themes: Sustainable development and the SDGs, Digital transformation and society, Ethical dimensions of emerging technologies, Interdisciplinary solutions for climate change, health, and education.

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

Guest of Honors



Mr. Siddth Kumar Chhajer
Founder & Managing
Director,
IFERP, Technoarete Group,
India.



Mr.Jaeyeong Park
CEO
The Garrison
Seoul, South Korea

Keynote Speakers



Dr. Tushar Hrishikesh JawareDean Research and Development
R C Patel Institute of Technology
Shirpur Dist Dhule MS
India.



Prof. Dr. Dragan RandjelovicFull professor
University Union Nikola Tesla
Serbia.



Prof. Dr. Palanirajan Vijayaraj Kumar., B. Pharm., M.Pharm., PGDTT., PhD., UCSI University Kuala Lumpur, Malaysia.



Mr. Ericson Dimaunahan
Director for Operations,
Technology and Analytics
Institute for Digital Learning,
Mapua University
Philippines.



Dr. Marites M. Rio
Vice-President for Research
Development, Extension and
Production
University of Rizal System,
Rizal,
Philippines.



Prof. Jeremy R. Aterrado
Campus Research Head, Morong
Campus
University of Rizal System,
Rizal,
Philippines.

Session Speakers



Dr. Anil Siddhnarayan Dube
Professor & HOD, Department of
Mechanical engineering
Sandip Institute of Engineering
and Management Nashik
Maharashtra,
India.



Dr. Rudrappa B GujanattiAssistant Professor
K. L. E. Technological University
India.



Dr. Mardhiah Kamaruddin
Senior Lecturer
Faculty of Entrepreneurship and
Business
Universiti Malaysia Kelantan
Malaysia.



Assoc Prof. Dr. Kamran Ahmed Soomro
Head of Department-Graduate Programs
Associate Professor at Faculty of
Management Sciences
Shaheed Zulfikar Ali Bhutto Institute of
Science and Technology
University Karachi
Pakistan.



Dr. Teoh Kok Ban Head of School School of Industrial Management ViTrox College Penang, Malaysia.



Prof. Dr. Kourosh Fathi Vajargah Professor of Education Shahid Beheshti University Tehran, Iran.



Dr. Caleb Chidozie Chinedu
Distinguished Senior Lecturer
Faculty of Technical and Vocational
Education
Universiti Tun Hussein Onn Malaysia
(UTHM)
Johore,
Malaysia.



Dr. Norberto M. Nataño
Director, Center for LifeLong Learning, URS
Campus Research Head, Antipolo Campus
University of Rizal System,
Rizal,
Philippines.

Workshop Speaker

Workshop Title: Cyber Risks in Education, Engineering & Society: Prevention and Solutions



Dr. Siddharth Singh Yadav

Research Engineer

Research and Development Department
BISTOS CO., LTD., South Korea

3. Welcoming & Introduction

Welcome to the International Conference on Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities (ICEESSH - 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 Seoul, South Korea. This location has been thoughtfully chosen to provide an inspiring environment for our discussions and networking. The theme of the International Conference on Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities (ICEESSH - 2025) is "Innovative Solutions for Sustainable Infrastructure Development: Integrating Engineering, Education and Social Sciences".

Our objective is to explore new technologies in Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities. Over the next two days, we have a packed schedule with three sessions, one workshop, and fifteen 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. A. Siddth Kumar Chhajer



Mr.Siddth Kumar Chhajer
Founder & Managing Director,
IFERP, Technoarete Group,
India.

4.2 Welcome Speech by Special Guest - Mr.Jaeyeong Park



Mr.Jaeyeong Park CEO The Garrison Seoul, South Korea

4.3 Welcome Speech by Special Guest - Dr. Siddharth Singh Yadav



Dr. Siddharth Singh Yadav
Research Engineer
Research and Development Department
BISTOS CO., LTD.
South Korea

4.4 Welcome Speech by Special Guest - Prof. Jeremy R. Aterrado



Prof. Jeremy R. Aterrado
Campus Research Head, Morong
Campus
University of Rizal System,
Rizal,
Philippines.

4.5 Welcome Speech by Special Guest - Dr. Norberto M. Nataño



Dr. Norberto M. Nataño
Director, Center for LifeLong Learning, URS
Campus Research Head, Antipolo Campus
University of Rizal System,
Rizal,
Philippines.

5. Keynote Speeches

5.1 Speech by Keynote speaker - Mr Ericson Dimaunahan



Mr. Ericson Dimaunahan
Director for Operations,
Technology and Analytics
Institute for Digital Learning,
Mapua University
Philippines.

5.2 Speech by Keynote speaker – Prof. Jeremy R. Aterrado



Prof. Jeremy R. Aterrado
Campus Research Head, Morong
Campus
University of Rizal System,
Rizal,
Philippines.

5.3 Speech by Keynote speaker – Dr. Siddharth Singh Yadav



Dr. Siddharth Singh Yadav
Research Engineer
Research and Development Department
BISTOS CO., LTD.
South Korea

5.4 Speech by Keynote speaker – Dr Tushar Hrishikesh Jaware



Dr. Tushar Hrishikesh Jaware
Dean Research and Development
R C Patel Institute of Technology
Shirpur Dist Dhule MS
India.

5.5 Speech by Keynote speaker – Prof. Dr. Dragan Randjelovic



Prof. Dr. Dragan Randjelovic Full professor University Union Nikola Tesla Serbia.

5.6 Speech by Keynote speaker – Prof. Dr. Palanirajan Vijayaraj Kumar



Prof. Dr. Palanirajan Vijayaraj Kumar., B. Pharm., M.Pharm., PGDTT., PhD., UCSI University Kuala Lumpur, Malaysia.

5.7 Speech by Keynote speaker – Dr. Marites M. Rio



Dr. Marites M. Rio
Vice-President for Research
Development, Extension and
Production
University of Rizal System,
Rizal,
Philippines.

5.8 Speech by Keynote speaker – Dr Anil Siddhnarayan Dube



Dr. Anil Siddhnarayan Dube
Professor & HOD, Department of
Mechanical engineering
Sandip Institute of Engineering
and Management Nashik
Maharashtra,
India.

6. Workshop on Cyber Risks in Education, Engineering & Society: Prevention and Solutions

Workshop Title: Cyber Risks in Education, Engineering & Society: Prevention and Solutions



Dr. Siddharth Singh Yadav

Research Engineer
Research and Development Department
BISTOS CO., LTD., South Korea

7. Group Photo



8. Inaugural Programme

The inaugural program of the International Conference on Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities (ICEESSH - 2025), Seoul, South Korea, on 24th & 25th July, 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.

9. Conference Proceedings Book Release

The International Conference on Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities (ICEESSH - 2025) Conference proceedings was a comprehensive collection of the papers presented at the ICEESSH – 2025. The Conference Proceedings serve as a valuable record of the research and discussions that occurred during the ICEESSH – 2025 conference, providing insights into current trends, innovations, and the future direction of Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities.

On behalf of the organizing committee of the International Conference on Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities (ICEESSH - 2025), the conference proceedings was released.





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

10. Momento Ceremony

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



11. Technical Presentation Sessions

11.1 Technical Presentation Session 1 A

11.1.1 Speech by Session Speaker Dr. Norberto M. Nataño



Dr. Norberto M. Nataño
Director, Center for LifeLong Learning, URS
Campus Research Head, Antipolo Campus
University of Rizal System,
Rizal,
Philippines.

11.1.2 – 11.1.11 Total 11 Scientific Presentations were presented in the Technical Presentation Session 1 A

11.2 Technical Presentation Session 1 B

11.2.1 – 11.2.8 Total 08 Scientific Presentations were presented in the Technical Presentation Session 1 B

12. Technical Presentation Sessions

12.1 Technical Presentation Session 1 A

12.1.1 Speech by Session Speaker Dr. Kourosh Fathi Vajargah



Prof. Dr. Kourosh Fathi
Vajargah
Professor of Education
Shahid Beheshti University
Tehran,
Iran.

12.1.2 Speech by Session Speaker Dr Kamran Ahmed Soomro



Assoc Prof. Dr. Kamran Ahmed Soomro
Head of Department-Graduate Programs
Associate Professor at Faculty of
Management Sciences
Shaheed Zulfikar Ali Bhutto Institute of
Science and Technology
University Karachi
Pakistan.

12.1.3 Speech by Session Speaker Dr. Teoh Kok Ban



Dr. Teoh Kok Ban
Head of School
School of Industrial Management
ViTrox College
Penang,
Malaysia.

12.1.4 Speech by Session Speaker Dr. Rudrappa B Gujanatti



Dr. Rudrappa B GujanattiAssistant Professor
K. L. E. Technological University
India.

12.1.5 Speech by Session Speaker Dr. Caleb Chidozie Chinedu



Dr. Caleb Chidozie Chinedu
Distinguished Senior Lecturer
Faculty of Technical and Vocational
Education
Universiti Tun Hussein Onn Malaysia
(UTHM)
Johore,
Malaysia.

12.1.6 Speech by Session Speaker Dr. Mardhiah Kamaruddin



Dr. Mardhiah Kamaruddin Senior Lecturer Faculty of Entrepreneurship and Business Universiti Malaysia Kelantan Malaysia.

12.1.3 – 12.1.18 Total 18 Scientific Presentations were presented in the Technical Presentation Session 1 A

13.Award Ceremony - Best Paper Presentation Awards



Photo	Name	Paper Title
	Mutia Nurul Makhfirah, Department of Tourism Studies, Gadjah Mada University	Post-Disaster Tourism Infrastructure in Indonesia: Sustainable Recovery and Resilience After Tsunami and Earthquake.



Rashmi Sali

University

Assistant Professor, Architecture, KLE Technological Sustainable and Disaster Resilient Infrastructure

14. Valedictory Function

14.1 Conference - Conclusion Summary

The International Conference on Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities (ICEESSH - 2025), held on 24th & 25th July, 2025, at Seoul, South Korea, by University of Rizal System, Philippines and IFERP Academy brought together a diverse group of experts, practitioners, and enthusiasts from various fields. The central theme of the conference was "Innovative Solutions for Sustainable Infrastructure Development: Integrating Engineering, Education and Social Sciences" 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. Siddth 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 185 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.

15. Vote of Thanks

Dear Researchers, Academicians & Students,

As we draw to the close of this remarkable International Conference on Cross-Disciplinary Insights: Engineering, Higher Education, Social Science, and Humanities (ICEESSH - 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 conductive 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.

16. Conference Glimpses







17. 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.
- Workshop was very interactive
- 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.