



5th International Conference on Engineering, Social Sciences and Humanities

Organized by IFERP Academy – Philippines Society
in association with

Mullion Façade Engineering School, Bulacan State University, University
of Batangas, University of the Immaculate Conception, Philippines
Post Conference Report

5th ICESU – 2025, Contributed to Following SDGs



Foreword

Dear Participants,

It gives me great pleasure to share with you the outcomes and results of the 5th ICESSU – 2025, with the theme of "Ethical Considerations in Engineering for Sustainable Development : Insights from Social Sciences and Humanities" which was held at Manila, Philippines on 9th & 10th April, 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.



Mr. A. Siddh Kumar Chhajjer
MD & Founder, IFERP
Technoarete Group

The 5th International Conference on Engineering, Social Sciences and Humanities (5th ICESSU - 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 Geotechnics and Geoenvironmental sustainable materials, Innovative Trends in Computer Sciences and Applications, Emerging Trends in Mechanical Engineering, Intelligent and Innovative Technologies in Electronics and Communication, Recent Advancements in Civil Engineering, Research and Innovations in Energy Systems, Humanities and Anthropology, Social Sciences and Social Media, Public Health and Psychology, Tourism & Hospitality, Food and Gastronomy, that foster critical and creative thinking, mainly in the multidisciplinary educational research, and fostering multidisciplinary exchanges among experts in Multidisciplinary and Current Educational Research. 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 5th International Conference on Engineering, Social Sciences and Humanities (5th ICESSU -2025)

Mr. Siddh Kumar Chhajjer

MD & Founder, IFERP, Technoarete Group

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1. Conference Summary



Conference Name : 5th International Conference on Engineering, Social Sciences and Humanities (5th ICESU -2025)

Date : 9th & 10th April, 2025

Venue : Manila, Philippines

Conference Theme : Ethical Considerations in Engineering for Sustainable Development : Insights from Social Sciences and Humanities

Organized By : Mullion Façade Engineering School, Bulacan State University, University of Batangas, University of the Immaculate Conception, Philippines and IFERP Academy - Philippines Society

No. of Organizing Committee Members : 59

No. of Editors/Reviewers	: 28
No. of Speakers	: 32
No. of Abstracts Received	: 402
No. of Participants Registered	: 232
No. of Attendees	: 313

1.1 Conference Overview

5th International Conference on Engineering, Social Sciences and Humanities (5th ICESSU -2025), was the place where ideas collided and innovations take the spotlight for the contribution towards achieving Sustainable Development Goals! 5th International Conference on Engineering, Social Sciences and Humanities (5th ICESSU -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 Engineering, Social Sciences and Humanities conference in Manila, Philippines, 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 Manila, Philippines, 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 5th International Conference on Engineering, Social Sciences and Humanities (5th ICESSU -2025) “ **Ethical Considerations in Engineering for Sustainable Development : Insights from Social Sciences and Humanities** “ was to provide a lively space where different academic areas come together. 5th ICESSU – 2025 stands as a melting pot of ideas, where the boundaries between advances in Engineering, Social Sciences and Humanities 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 Engineering, Social Sciences 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 multidisciplinary perspective highlights the interconnectedness of various fields in creating holistic and impactful solutions.

1.3 Objectives & Scope of the Conference

The 5th International Conference on Engineering, Social Sciences and Humanities (5th ICESSU - 2025) aims to bring together academics, researchers, industry professionals, and students from diverse fields to explore cutting-edge advancements and trends across Engineering, Social Sciences and Humanities.

Key objectives include:

- **Promote Interdisciplinary Research:** To foster collaboration and exchange of knowledge among researchers, academicians, and professionals across the fields of engineering, social sciences, and humanities.
- **Encourage Innovation and Sustainable Development:** To highlight innovative approaches and solutions addressing global challenges, emphasizing sustainable development and societal well-being.
- **Disseminate Advanced Knowledge:** To provide a global platform for sharing cutting-edge research findings, methodologies, and applications that contribute to academic and practical advancements.
- **Strengthen Academic and Industry Linkages:** To enhance networking and partnerships between academic institutions, industry leaders, policymakers, and civil society organizations for collaborative projects and knowledge transfer.
- **Support Early-Career Researchers and Students:** To provide opportunities for young researchers and students to present their work, gain feedback, and engage with experts for academic growth and professional development.
- **Promote Global Cultural Understanding:** To explore diverse cultural perspectives and their impact on social, technological, and humanistic development worldwide.

5th ICESSU – 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 Disciplines:** Civil, Mechanical, Electrical, Electronics, Computer Science, Environmental, Chemical, and Industrial Engineering.
- **Social Sciences:** Sociology, Psychology, Economics, Political Science, Anthropology, Communication Studies, and Education.
- **Humanities:** Philosophy, History, Literature, Linguistics, Cultural Studies, and Ethics.
- **Interdisciplinary Themes:** Sustainable development, technological innovation for societal benefit, human-centered design, digital transformation, public policy and governance, social justice, and cultural heritage preservation.
- **Application Areas:** Smart cities, renewable energy, social entrepreneurship, educational technologies, mental health, urban planning, human rights, and global challenges such as climate change and inequality.

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

Guest of Honors



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



Mr. Subhrajyoti Ranjan Sahu
Chief Process and Innovation
Officer
IFERP, Technoarete Group,
India.



Dr. Keno C. Piad
Vice President for Research,
Extension, and Innovation
Bulacan State University
Philippines.



Dr. Joseline M. Santos
Director, Research
Management Office,
Bulacan State University
Philippines.



Dr. Maria Santos-Bulaong
Dean, College of Arts and
Letters,
Bulacan State University,
Philippines.



Dr. Analiza Acuña Villacorte
Professor,
Department of English
Bulacan State University Bulacan,
Philippines.



DR. EMMA V. SAGARINO
Designation: Director, Research, Publication
and Innovation Center
University: University of the Immaculate
Conception



Dr. Leni A. Bulan
Associate Dean
College of Engineering
University of Batangas

Keynote Speakers



Assoc. Prof. Dr. Sudhakar Kumarasamy
Faculty of Mechanical and Automotive
Engineering
Principal research fellow at Automotive
Engineering Centre
Universiti Malaysia Pahang Al Sultan Abdullah
Malaysia.



Prof. Ir. Dr. Mohd Sapuan Salit
Head, Advanced Engineering Materials &
Composites Research Centre (AEMC)
Universiti Putra Malaysia (UPM)
Malaysia.



Dr. Pradeep Kumar Krishnan
Senior Lecturer
Department of Mechanical and Industrial
Engineering
National University of Science and Technology
(NUST)
Oman.



Dr. Rommel Banlaoi
President,
Philippine Society for International
Security Studies.
Philippines.



Prof. (Dr.) Pastor R. Arguelles Jr.
Director, Research and Publication Office
University of Batangas,
Lipa Campus Lipa City, Batangas,
Philippines.



Dr. MONA LABIAL - LAYA
University of the Immaculate
Conception
Research Ethics Committee Chair
Philippines.



Mr. Deepak Dasaratha Rao
Technical Product Manager
Toyota Motor North America,
Plano, TX
United States.



Dr. Ts. Vickneswari Durairajah
Deputy Dean
Faculty of Engineering, Built Environment, and Information
Technology (FEBEIT)
MAHSA University
Malaysia.



Dr. Muhamad Firdaus Syahmi Bin Sam-on
Senior Lecturer
Department of Food Sciences,
Faculty of Science and Technology
Universiti Kebangsaan Malaysia
43600 UKM Bangi, Selangor,
Malaysia.

Session Speakers



Assoc Prof. Dr. Mazlee Mohd Noor
Faculty of Mechanical Engineering & Technology
Universiti Malaysia Perlis (UniMAP)
Malaysia.



Prof. Dr. Tahir Sufi
Professor - Department of Tourism
School of Business & Economics
Universidad de las Américas Puebla(UDLAP)
Mexico Puebla,
Mexico.



Dr. Mahmoud Khalifa
Professor of Political Science
Suez Canal University - Egypt
Visiting Professor
ALM College for Higher Education
United Kingdom.



Assoc Prof Dr. Gurmeet Singh
Vice Principal
Head to the P.G. Department of
Mathematics
GSSDGS Khalsa College (Autonomous)
Patiala ,
Punjab.



Assoc Prof. Dr. Sudhir Narayan Singh
Head, (Founder)
Department of Humanities & Social
Sciences
Madan Mohan Malaviya University of
Technology
Gorakhpur, Uttar Pradesh,
India.



Prof. Dr. Shanthi Mahesh
Professor & HOD- Information
Science & Engineering,
EPCET,
Bangalore,
India.



Dr. Gladiola A. Eje-Dimaculangan
Director, Counseling and
Psychological Wellness Center
University of Batangas
Philippines.

Workshop Speakers

**Title: Solving Real-World Problems with AI at
the Edge**



Mr. Paul Ryan Santiago
Faculty Member,
ECE Department,
Bulacan State University,
Philippines.

**Title: Ethical Considerations in Engineering for Sustainable
Development**



**Dr. Marizen B. Contreras, PIE,
MSME**
Associate Professor III,
College of Engineering,
University of Batangas,
Philippines.

Exclusive Speakers

Title: Digital Transformation in Research, Extension, and Innovation in Higher Education Institutions



Dr. Keno C. Piad
Vice President for Research, Extension, and Innovation
Bulacan State University
Philippines.

Title: Cultivating Reflection and Inquiry Skills in STEM Education in the Age of AI



Ronilo P. Antonio
College of Education,
Bulacan State University
Philippines.

Title: Artificial Intelligence Utilization Scale for Research Writing



Dr. Joseline M. Santos
Director, Research Management Office,
Bulacan State University
Philippines.

Panel Discussion Speakers

Topic: Innovative Solutions for Sustainable Healthcare, Biotechnology, and Societal Development



Dr. Niña B. Macarandang
Associate Professor III and
Research Coordinator
College of Business,
Accountancy, and Hospitality
Management
University of Batangas



Dr. Kenneth Lloyd M. Camaclang
Assistant Professor IV and
Research Coordinator
College of Arts and Sciences
University of Batangas



DR. ROSEMARIE MAYANNE Q. MANALO
Assistant Professor II
University of Batangas



Edilhynie M. Jambangan
Instructor,
Department of English,
University of Southeastern Philippines,
Philippines.

Session Chairs



Dr. Sharmin Kutty Sivaraman
Senior Lecturer
Faculty of Education & Liberal
Arts
INTI International University
Nilai,
Malaysia.



Dr. Maria Santos-Bulaong
Dean, College of Arts and Letters,
Bulacan State University,
Philippines.



Ms. Girlie Samson
Associate Professor,
Bulacan State University,
Philippines.



Engr Lourdes Lasian, PIE
Assistant Professor,
Adamson University,
Philippines.



Dr. Edison Mojica,
Department Chairperson,
Polytechnic University of the Philippines,
Philippines.



Mariciel Bautista-Baligod
Concurrent Head, General Academics
and Teacher Education Department,
Bulacan State University,
Philippines.



Dr. Maria Santos-Bulaong
Dean, College of Arts and Letters,
Bulacan State University,
Philippines.



Dr. Edralin Rebancos- Raro
Associate Professor,
College of Computing and Multimedia
Studies,
Camarines Norte State College,
Philippines.



Dr. Stephen Ayoadé Fadare
Assistant Professor,
Faculty of Management
Mindanao State University Quarters
Lanao del Sur,
Philippines.



L P Rupasena
Senior Lecturer,
Department of Agricultural Systems,
Rajarata University of Sri Lanka.



Dr. Analiza Acuña Villacorte
Professor,
Department of English
Bulacan State University Bulacan ,
Philippines.

3. Welcoming & Introduction

Welcome to the 5th International Conference on Engineering, Social Sciences and Humanities (5th ICESSU -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 Manila, Philippines. This location has been thoughtfully chosen to provide an inspiring environment for our discussions and networking. The theme of the 5th International Conference on Engineering, Social Sciences and Humanities (5th ICESSU -2025) is “Ethical Considerations in Engineering for Sustainable Development : Insights from Social Sciences and Humanities “. Our objective is to explore new technologies in Engineering, Social Sciences and Humanities etc. Over the next two days, we have a packed schedule with six sessions, two workshops, one panel discussion and thirty six 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 - Dr. Keno C. Piad



Dr. Keno C. Piad
Vice President for Research,
Extension, and Innovation
Bulacan State University
Philippines.

4.3 Welcome Speech by Special Guest – Dr. Joseline M. Santos



Dr. Joseline M. Santos
Director, Research
Management Office,
Bulacan State University
Philippines.

4.4 Welcome Speech by Special Guest – Dr. Maria Santos-Bulaong



Dr. Maria Santos-Bulaong
Dean, College of Arts and
Letters,
Bulacan State University,
Philippines.

4.5 Welcome Speech by Special Guest – Dr. Analiza Acuña Villacorte



Dr. Analiza Acuña Villacorte
Professor,
Department of English
Bulacan State University Bulacan,
Philippines.

4.6 Welcome Speech by Special Guest – Dr. Emma. V. Sagarino



DR. EMMA V. SAGARINO
Designation: Director, Research, Publication
and Innovation Center
University: University of the Immaculate
Conception

4.7 Welcome Speech by Special Guest – Dr. Leni A. Bulan



Dr. Leni A. Bulan
Associate Dean
College of Engineering
University of Batangas

5. Keynote Speeches

5.1 Speech by Keynote speaker - Dr. Keno C. Piad



Dr. Keno C. Piad
Vice President for Research,
Extension, and Innovation
Bulacan State University
Philippines.

5.2 Speech by Keynote speaker – Dr. Rommel Banlaoi



Dr Rommel Banlaoi
President,
Philippine Society for International
Security Studies.
Philippines.

5.3 Speech by Keynote speaker – Prof. (Dr.) Pastor R. Arguelles Jr.



Prof. (Dr.) Pastor R. Arguelles Jr.
Director, Research and Publication Office
University of Batangas,
Lipa Campus Lipa City, Batangas,
Philippines.

5.4 Speech by Keynote speaker – Dr. Mona Labial – Laya



Dr. MONA LABIAL – LAYA
University of the Immaculate
Conception
Research Ethics Committee Chair
Philippines.

5.5 Speech by Keynote speaker – Dr. Ronilo P. Antonio



Ronilo P. Antonio
College of Education,
Bulacan State University
Philippines.

5.6 Speech by Keynote speaker – Dr. Joseline M. Santos



Dr. Joseline M. Santos
Director, Research Management Office,
Bulacan State University
Philippines.

5.7 Speech by Keynote speaker – Dr. Teody C. San Andres

5.8 Speech by Keynote speaker – Assoc Prof. Dr Sudhakar Kumarasamy



Assoc Prof. Dr Sudhakar Kumarasamy
Faculty of Mechanical and Automotive
Engineering
Principal research fellow at Automotive
Engineering Centre
Universiti Malaysia Pahang Al Sultan Abdullah
Malaysia.

5.9 Speech by Keynote speaker – Dr. Pradeep Kumar Krishnan



Dr. Pradeep Kumar Krishnan

Senior Lecturer
Department of Mechanical and Industrial
Engineering
National University of Science and Technology
(NUST)
Oman.

5.10 Speech by Keynote speaker – Mr. Deepak Dasaratha Rao



Mr. Deepak Dasaratha Rao

Technical Product Manager
Toyota Motor North America,
Plano, TX
United States.

6. Panel Discussion on Innovative Solutions for Sustainable Healthcare, Biotechnology, and Societal Development

Panel Discussion Speakers

Topic: Innovative Solutions for Sustainable Healthcare, Biotechnology, and Societal Development



Dr. Niña B. Macarandang
Associate Professor III and
Research Coordinator
College of Business,
Accountancy, and Hospitality
Management
University of Batangas



Dr. Kenneth Lloyd M. Camaclang
Assistant Professor IV and
Research Coordinator
College of Arts and Sciences
University of Batangas



**DR. ROSEMARIE MAYANNE
Q. MANALO**
Assistant Professor II
University of Batangas



Edilhynie M. Jambangan
Instructor,
Department of English,
University of Southeastern Philippines,
Philippines.



7. Workshop on Solving Real-World Problems with AI at the Edge

Title: Solving Real-World Problems with AI at the Edge



Mr. Paul Ryan Santiago,

Faculty Member,
ECE Department,
Bulacan State University,
Philippines

8. Workshop on Ethical Considerations in Engineering for Sustainable Development

Ethical Considerations in Engineering for Sustainable Deveopment



**Dr. Marizen B. Contreras, PIE,
MSME**

Associate Professor III,
College of Engineering,
University of Batangas,
Philippines

9. Group Photo



10. Inaugural Programme

The inaugural program of the 5th International Conference on Engineering, Social Sciences and Humanities (5th ICESSU -2025), Manila, Philippines on 9th & 10th April, 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.

11. Conference Proceedings Book Release

The 5th International Conference on Engineering, Social Sciences and Humanities (5th ICESSU - 2025) Conference proceedings was a comprehensive collection of the papers presented at the 5th ICESSU – 2025. The Conference Proceedings serve as a valuable record of the research and discussions that occurred during the 5th ICESSU – 2025 conference, providing insights into current trends, innovations, and the future direction of multidisciplinary research studies, Engineering, Social Sciences and Humanities

On behalf of the organizing committee of the 5th International Conference on Engineering, Social Sciences and Humanities (5th ICESSU -2025), the conference proceedings was released.



IFERP Academy
Expanding Your Research & Professional

5th International Conference on
Engineering, Social Sciences
and Humanities

09th & 10th April 2025 **Acacia Hotel Manila, Philippines**

Organized by:
Mullion Facade Engineering School, Philippines
Bulacan State University, Philippines
University of Batangas, Philippines
University of the Immaculate Conception, Philippines
IFERP Academy – Philippines Society

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10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 CLIMATE ACTION	14 LIFE BELOW WATER	15 LIFE ON LAND	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR THE GOALS	SUSTAINABLE DEVELOPMENT GOALS

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

12. Momento Ceremony

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



13. Technical Presentation Sessions

13.1 Technical Presentation Session 1 A

13.1.1 Speech by Session Speaker Assoc Prof Dr. Gurmeet Singh



Assoc Prof Dr. Gurmeet Singh
Vice Principal
Head to the P.G. Department of
Mathematics
GSSDGS Khalsa College (Autonomous)
Patiala ,
Punjab.

13.1.2 Speech by Session Speaker Dr. Gladiola A. Eje-Dimaculangan



Dr. Gladiola A. Eje-Dimaculangan
Director, Counseling and
Psychological Wellness Center
University of Batangas
Philippines.

13.1.3 – 13.1.22 Total 22 Scientific Presentations were presented in the Technical
Presentation Session 1 A

13.2 Technical Presentation Session 1 B

13.2.1 – 13.2.12 Total 12 Scientific Presentations were presented in the Technical Presentation Session 1 B

14. Technical Presentation Sessions

14.1 Technical Presentation Session 1 A

14.1.1 Speech by Session Speaker Prof Ir Dr Mohd Sapuan Salit



Prof Ir Dr Mohd Sapuan Salit
Head, Advanced Engineering Materials &
Composites Research Centre (AEMC)
Universiti Putra Malaysia (UPM)
Malaysia.

14.1.2 Speech by Session Speaker Dr Ts. Vickneswari Durairajah



Dr Ts. Vickneswari Durairajah
Deputy Dean
Faculty of Engineering, Built Environment, and Information
Technology (FEBEIT)
MAHSA University
Malaysia.

14.1.3 – 14.1.12 Total 12 Scientific Presentations were presented in the Technical Presentation Session 1 A

14.2 Technical Presentation Session 1 B

14.2.1 Speech by Session Speaker Prof. Dr. Tahir Sufi



Prof. Dr. Tahir Sufi

y Professor - Department of Tourism
School of Business & Economics
Universidad de las Américas Puebla(UDLAP)
Mexico Puebla,
Mexico.

14.2.2 Speech by Session Speaker Dr Mahmoud Khalifa



Dr Mahmoud Khalifa

Professor of Political Science
Suez Canal University - Egypt
Visiting Professor
ALM College for Higher Education
United Kingdom.

14.2.3 – 14.2.12 Total 12 Scientific Presentations were presented in the Technical Presentation
Session 1 B

15. Technical Presentation Sessions

15.1 Technical Presentation Session 2 A

15.1.1 Speech by Session Speaker Dr Muhamad Firdaus Syahmi Bin Sam-on



Dr Muhamad Firdaus Syahmi Bin Sam-on

Senior Lecturer
Department of Food Sciences,
Faculty of Science and Technology
Universiti Kebangsaan Malaysia
43600 UKM Bangi, Selangor,
Malaysia.

15.1.2. Speech by Session Speaker Assoc Prof. Dr. Mazlee Mohd Noor



Assoc Prof. Dr. Mazlee Mohd Noor

Faculty of Mechanical Engineering & Technology
Universiti Malaysia Perlis (UniMAP)
Malaysia.

15.1.3 – 15.1.12 Total 12 Scientific Presentations were presented in the Technical
Presentation Session 2 A

15.2 Technical Presentation Session 2 B

15.2.1 Speech by Session Speaker Assoc Prof. Dr. Sudhir Narayan Singh



Assoc Prof. Dr. Sudhir Narayan Singh

Head, (Founder)
Department of Humanities & Social
Sciences
Madan Mohan Malaviya University of
Technology
Gorakhpur, Uttar Pradesh,
India.

15.2.2 Speech by Session Speaker Prof. Dr. Shanthi Mahesh



Prof. Dr. Shanthi Mahesh

Professor & HOD- Information
Science & Engineering,
EPCET,
Bangalore,
India.

15.2.3 – 15.2.9 Total 9 Scientific Presentations were presented in the Technical
Presentation Session 2 B

16. International Mobility Exchange Program – Bulacan State University, Philippines

An exclusive opportunity for physical participants to join cultural activities, workshops on Solving Real-World Problems with AI at the Edge, and workshops on Ethical Considerations in Engineering for Sustainable Development, research lab visits at Bulacan State University, Philippines. Insightful briefing by the faculties. Token of Appreciation presented to Shinawatra University.

- Cultural Activities, Workshops
- Research Lab Tour
- Campus Tour



17. Award Ceremony - Best Paper Presentation Awards



Name	Paper Title
Donghwa Jeong	Preliminary Validation of Origami Complexity Using an Information-theoretic Approach
Zedric Lorzano	College Students On Generative A.i.: Basis For Ethical Generative A.i. Utilization Policy
Eliecer Montero Ojeda	Teacher Leadership and Educational Projects: Driving Transformation and Innovation in Learning Environments
Shreya Sharma	Comparing The Efficacy Of 30 Minutes To 60 Minutes Swiss Ball Exercise During Labor: A Protocol For Randomized Controlled Trial
Ian John Galupar	A Theoretical Development Of Robotics Technology Pedagogical Approach (Rtpa) In Mathematics Education

18. Valedictory Function

18.1 Conference - Conclusion Summary

The 5th International Conference on Engineering, Social Sciences and Humanities (5th ICESU - 2025), held on 9th & 10th April, 2025 at Manila, Philippines organized by Mullion Façade

Engineering School, Bulacan State University, University of Batangas, University of the Immaculate Conception, Philippines and IFERP Academy - Philippines Society brought together a diverse group of experts, practitioners, and enthusiasts from various fields. The central theme of the conference was " Ethical Considerations in Engineering for Sustainable Development : Insights from Social Sciences and Humanities " 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 Chhajjer, 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 292 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.

19. Vote of Thanks

Dear Researchers, Academicians & Students,

As we draw to the close of this remarkable 5th International Conference on Engineering, Social Sciences and Humanities (5th ICESU -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.

20. Conference Glimpses







21. 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 and Panel Discussion were 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.
- International Mobility Exchange Program highlighted the conference with research lab visits.
- Issues were resolved carefully.