



*Hosted by:*

**Institute of Industry and Academic Research Incorporated**

*In collaboration with:*

**STI West Negros University**

**February 7, 2026 • Virtual Conference**

**CONFERENCE PROGRAM**



# Opening Program

9:00AM Philippine Standard Time

**Prayer**

**The IIARI and ISRC**

**Welcome remarks**

**John Arlone S. Gentugao**

STI West Negros University, Philippines  
*Conference Junior Chair*

**Message**

**Mr. Wilfredo O. De La Cruz**

STI West Negros University, Philippines  
*Conference Chair*

**Introduction to keynote speaker 1**

**Keynote Address**

**Dr. Maria Azela Tamayo**

*Assistant Professor, Philippine Normal University*

***Topic: Deconstructing the Gap Between Schooling and Learning in the Philippines***

**Introduction to keynote speaker 2**

**Keynote Address**

**Dr. Faerozh Bin Madli**

*Senior Lecturer, Universiti Malaysia Sabah*

***Topic: Advancing Sustainable Value Creation Through Marketing Intelligence for Gen Z***

**Introduction to keynote speaker 3**

**Keynote Address**

**Mr. Primo Jose R. Magno**

*Rank 2 September 2024 Licensure Examination for Teachers (LET) – Elementary Level*

***Topic: The Discipline of Uncertainty: Learning Beyond Right Answers***

**Open Forum**

**Presentation of partners & collaborators**

**Guidelines and Decorum**

Break – 10:15AM – 10:20AM

## Plenary Presentation

11:40AM Philippine Standard Time

**Quỳnh Lê**, *FPT University, Vietnam*

**Paper title:** *The Application of AI and Warehouse Management in Logistics Industry: Bibliometric and Thematic Analysis*

**Jasheen S. Hawak**, *Tayabas Western Academy, Philippines*

**Paper title:** *Harnessing Urdhvatiryagbhyam, Nikhila, and Vinculum Sutras in Algebraic Binomial Simplification*

**Mr. Leo Janry T. Tumbagahan**

*Master of Ceremonies*

Lunch Break – 12:00PM – 1:00PM

## Parallel Sessions

1:00PM Philippine Standard Time

**Parallel Session 1:** **Dr. Ma. Abigail C. Nolasco**, *Session Chair*  
**Hazel Dorothy Vilan**, *Session Co-Chair*  
**Jayben Mationg**, *Junior Session Chair*

TIME	PAPER TITLE
<b>Track: Education</b>	
1:00 - 1:10	Influence of Myers-Briggs Type Indicator (MBTI) Personality Types on Basic Accounting Problem-Solving Skills of Tertiary Business and Accountancy Students in Lucena City <i>Presenter: Abhram L. Ranuda</i>
1:10 - 1:20	Reading Comprehension and Learning Interest as Predictors on Scholastic Performance in Science <i>Presenter: Charry Lou T. Enargan</i>
1:20 - 1:30	Concrete- Representational- Abstract (CRA)-Based Approach in Mitigating Math Anxiety in Mathematics in the Modern World <i>Presenters: Maria Cassandra P. Ramos, Jian Christopher B. Arriola &amp; Patricia Nicole D. Ramirez</i>
1:30 - 1:40	Navigating Special Education: A Deep Dive into the Lived Experience of SPED Teachers <i>Presenter: John Ellie E. Aguila</i>
1:40 - 1:50	OPEN FORUM
<b>Track: Humanities &amp; Social Sciences</b>	
1:50 - 2:00	Life After Loss: Coping Mechanisms Among Grieving Parents <i>Presenters: Angelica Joan C. Daria &amp; Joshua Thaddius O. Guerrero</i>
2:00 - 2:10	The Lived Experiences of Resilience Among Mothers with Histories of Abuse <i>Presenter: Angelina A. Pillone</i>
2:10 - 2:20	Invisible Obstacles: Exploring the Resilience and Coping Strategies During Rehabilitation Among Ischemic Stroke Survivors <i>Presenter: Allyza Dominique M. Asnan</i>
2:20 - 2:30	From Loss To Growth: A Narrative Study of Transformational Journeys Among Mothers After Miscarriage <i>Presenter: Anne Kimberly B. Panganiban</i>
2:30 - 2:40	Mag-Aruga Ay 'Di Biro: Unveiling the Lived Experience of OFW Caregivers during Armed Conflict in Israel <i>Presenter: Hyacinth Ahlie L. Francisco</i>
2:40 - 2:50	OPEN FORUM
2:50 - 3:00	BREAK

<b>TIME</b>	<b>PAPER TITLE</b>
<b>Track: Science &amp; Technology</b>	
3:00 - 3:10	DECAP: Efficient Integer Multiplication in Software through Delayed Carry Parallelization <i>Presenter: Cristelle E. Abaña</i>
3:10 - 3:20	Project AQUADROP: Advancing Quality Utilization of Aquatic Droplets Vibration for Renewable Optimization of Power <i>Presenter: Jeynird Iriz M. Aritmetica</i>
3:20 - 3:30	Sabanana wax: Saba banana ( <i>Musa acuminata</i> × <i>balbisiana</i> ) peel as an alternative to floor wax <i>Presenters: Irish Faye D. Betong, Khryz John Ree E. Esierjose &amp; Cirene Joy S. Tinifracia</i>
3:30 - 3:40	Timelyfy: A Web-Based Automatic Scheduling System <i>Presenters: Marc Joel Baldoz &amp; Emmanuel Genaro Jr. Ona</i>
3:40 - 3:50	PLATTERA: An Online Catering Reservation Management System <i>Presenter: Richelle Kim V. Chua</i>
3:50 - 4:00	OPEN FORUM
<b>Track: Management</b>	
4:00 - 4:10	Public and Active Transportation in Garosu-gil <i>Presenter: Alex Seyun Wang</i>
4:10 - 4:20	Bookkeeping Awareness and Practices Among Micro-Enterprises <i>Presenters: Frank Denzell P. Kaibigan, Hazel Ann N. Pelare &amp; Ella Mae Q. Vergara</i>
4:20 - 4:30	Leadership Styles and Job Satisfaction Among Real Estate Agents in Candelaria, Quezon: Basis for Employees' Job Satisfaction Manual <i>Presenter: Nerie G. Bukid</i>
4:30 - 4:40	Community Support and Participation in the Development of Newly Renovated Port <i>Presenter: Errian Mea C. Delagente</i>
4:40 - 4:50	OPEN FORUM
4:50 - 5:00	WRAP UP

**Parallel Session 2: Dr. Christian M. Santiago, *Session Chair***  
**Jonathan N. Cube, *Session Co-Chair***  
**Benedict J. Legason, *Junior Session Chair***

TIME	PAPER TITLE
<b>Track: Humanities &amp; Social Sciences</b>	
1:00 - 1:10	Screen Time and its Association to Memory Retention and Concentration among Adolescent High School Students <i>Presenter: Edward Lindon Q. Figarido</i>
1:10 - 1:20	Sex Education Discourse: A Corpus Linguistic Analysis of Jargons and Terminologies <i>Presenter: Shaira Z. Endecio</i>
1:20 - 1:30	Seeing is Deceiving: A Content Analysis of AI-Generated Political Misinformation and Its Influence on Trust in Government Officials <i>Presenters: Justine S. Leomo, Fem Jhullian C. Reyes, Siou-Sian Chen, Princess Tiffany B. Telos &amp; Presenter: Annika Jordan F. Dela Cruz</i>
1:30 - 1:40	Utang na Loob and Psychological Well-Being of those Estudyanteng Nakikitira <i>Presenter: Cristine Jade R. Yordan</i>
1:40 - 1:50	Love Beyond Boundaries: Narratives of Individuals in Consensual Non-Monogamous Relationships <i>Presenter: Christian C. Leoparte</i>
1:50 - 2:00	The Moral Distress of Nurses executing Do-not-resuscitate <i>Presenter: Paulene Kate L. Trivinio</i>
2:00 - 2:10	OPEN FORUM

TIME	PAPER TITLE
<b>Track: Science &amp; Technology</b>	
<b>Cluster 1</b>	
2:10 - 2:20	Development and Evaluation of an IoT-Based Wearable Heart Rate Monitoring System <i>Presenters: Saira P. Agustin, Gian T. Delgado, Jein Eliz D. Franco &amp; Jose Joshua M. Yerro</i>
2:20 - 2:30	Yataki: Yielding Active Tread-based Alternative Kinetic Interface with IoT Monitoring System <i>Presenter: Keith Zacharrie Espinosa</i>
2:30 - 2:40	KALINGA: Katalyst Application with Localized Interactive Guided-relief Map <i>Presenter: Ma. Dannah T. Amores</i>
2:40 - 2:50	NoteBuddy: An Artificial Intelligence Powered Notepad <i>Presenter: Pascual Sebastian Acosta</i>

2:50 - 3:00 Enhancement of Recurrent Neural Networks (RNN) Applied in Hand Gesture Recognition for American Sign Language (ASL) Alphabet  
*Presenters: Jenny R. Jimenez & Augustin Brain C. Sabordio*

3:00 - 3:10 OPEN FORUM

3:10 - 3:20 BREAK

**TIME**

**PAPER TITLE**

**Track: Science & Technology**

**Cluster 2**

3:20 - 3:30 Developing a Piezoelectric Doormat for Renewable Energy Generation  
*Presenters: Shania Therese T. Abolucion, Rhea Belle T. Campos, Shayne Ashly I. Impreso & Ma. Viera Celine C. Tabulod*

3:30 - 3:40 UTRACE: University Tracking and Response for Accidents, Crises, and Emergencies  
*Presenter: Patrick D. Nava*

3:40 - 3:50 SIRENAS: A Smart Inundation Response and Early Notification Arduino-based System  
*Presenters: Jewel Caryl E. Arellano & Jan Micah R. Rivera*

3:50 - 4:00 CRAWL: Compact Rescue Assistant with Wide-Range Locomotion for Post-Earthquake Victim Detection via ESP32-CAM and mmWave Vital Sign Sensing  
*Presenter: Cyrene Samaria D. Bautista*

4:00 - 4:10 Evaluating the Efficiency of 'Waterwise': A Smart Automated Irrigation System for Sustainable Water Management  
*Presenters: Ariannay Labvien J. Dangautan, Joanna Y. Remes, Kylla Guia N. Zabala, Liane Luce C. Zapanta, Yuan Ashley O. Tonio, Precylle C. Galido*

4:10 - 4:20 G-WASTE: A Smart Waste Collection System with GPS Technology for Real-Time Tracking  
*Presenter: Kaye Chloe M. Malait*

4:20 - 4:30 OPEN FORUM

4:30 - 4:40 WRAP UP

# Awarding and Closing Program

5:15PM Philippine Standard Time

**Words of thanks**

**Prof. Dr. Mufutau Akanmu Popoola**

*Federal Polytechnic Ayede*

*Conference Co-chair*

**John Marvin D. Renacido**

*Aklan State University*

*Conference Junior Co-chair*

**Testimonial from the participants**

**Giving of Awards**

**Dr. Ma. Abigail C. Nolasco**

**Dr. Christian M. Santiago**

*Session Chairs*

**Closing remarks**

**Mr. Leo Janry T. Tumbagahan**

*Master of Ceremonies*