



International Conference on Multidisciplinary Industry and Academic Research

Hosted by:

Institute of Industry and Academic Research Incorporated

In collaboration with:

Aklan State University College of Teacher Education

July 10 – 11, 2025 • Hybrid Conference

Aklan State University Conference Hall, Philippines (onsite)
Zoom (online)

CONFERENCE PROGRAM

ICMIAR

Day 1 – July 10, 2025

8:00AM – 8:30AM Registration

Opening Program

Aklan State University Conference Hall • 8:30AM Philippine Time

Prayer

The IIARI and ICMIAR

Welcome remarks

Dr. Carie Justine P. Estrellado

*Tayabas Western Academy, Philippines
Director – Conferences & Events*

Message

Dr. Rebecca Tandug

*Northwestern Visayan Colleges
Conference Chair*

Presentation of partner/collaborator

Presentation of delegates

Guidelines and Decorum

Mark Jeriel Racasag

Master of Ceremonies

Plenary Session

Aklan State University Conference Hall • 9:00AM Philippine Time

Introduction to keynote speaker 1

Keynote Address

Ts. Dr. Rosdiyana Hasham

*Universiti Teknologi MARA (UiTM)
Malaysia*

Open Forum

Introduction to keynote speaker 2

Keynote Address

Dr. Jomar Fajardo Rabajante

*University of the Philippines Los Baños
Philippines*

Open Forum

Introduction to keynote speaker 3

Keynote Address

Ms. Ina Smith

*Academy of Science of South Africa & DOAJ
South Africa*

Open Forum

Mark Jeriel Racasag

Judylene B. Gunda

Masters of Ceremonies

Break – 11:10AM – 11:15AM

Plenary Presentations

Aklan State University Conference Hall • 11:15AM Philippine Time

TIME	PAPER TITLE
11:15 - 11:25	Adversity encounter, academic resilience, grit: The multifaceted pathways to academic success among college students <i>Presenter: Rachel Jane M. Casquejo</i>
11:25 - 11:35	Microbial surveillance of Staphylococcus aureus on emergency medical equipment and formulation of paragis (Eleusine indica) extract-based antibacterial spray for targeted disinfection <i>Presenter: Dr. Richie G. Bayuran</i>
11:35 - 11:45	Women behind bars: Lived experiences of female persons deprived of liberty during pandemic <i>Presenter: Dr. Liza Joy B. Barican</i>
11:45 - 11:55	Polyfruit peel blend for inhibiting calcium oxalate crystallization in kidney stone formation: An eco-pharmaceutical perspective <i>Presenter: Jennica Marie L. Valencia</i>
11:55 - 12:05	OPEN FORUM

Mark Jeriel Racasag

Master of Ceremonies

Lunch Break – 12:05PM – 1:00PM

Parallel Sessions

1:00PM Philippine Time

Parallel Session 1: Dr. Angela J. Nieva-Lustanas
Session Chair
Aklan State University Conference Hall (onsite)

TIME	PAPER TITLE
Track: Educational Management and Development Studies	
1:00 - 1:10	Learning beyond the classroom walls: Stories of Grade 11 learners in HyFlex learning <i>Presenter: Jomela Pearl Rimon-Zapico</i>
1:10 - 1:20	Use of artificial intelligence applications (AI apps) in the academic writing of Grade 11 students: A narrative inquiry <i>Presenter: Royd V. Sacapaño</i>
1:20 - 1:30	Breaking language barriers: The journey of non-English major teachers teaching English subjects <i>Presenter: Rose T. Suarez</i>
1:30 - 1:40	Narratives of students with speaking-English anxiety: A qualitative exploration <i>Presenter: Janika S. De Los Reyes</i>
1:40 - 1:50	Stories of IP learners on their formal education <i>Presenter: Shelly M. Talabucon</i>
1:50 - 2:00	National learning camp of the pupil campers <i>Presenter: Raquel H. Garido</i>
2:00 - 2:10	Implication of parental involvement on their children's academic performance <i>Presenter: Rizel D. Mondia</i>
2:10 - 2:20	Voices of experience of key players of the Madrasah Education Program <i>Presenter: Brian J. Magdaluyo</i>
2:20 - 2:30	English teachers' lived experiences teaching in a far-flung school <i>Presenter: Jonah Mae Z. Quillano</i>
2:30 - 2:40	A narrative inquiry: English teachers enhancing language competence of highland learners <i>Presenter: Louiela A. Vega</i>
2:40 - 2:50	Enhancing students' numeracy skills by considering student diversity through differentiated instruction strategies <i>Presenter: Alvin O. Insorio</i>
2:50 - 3:00	Summary with reflection: A reflective assessment of student learning in Personal Development <i>Presenter: Clarissa A. Benigno</i>

3:00 - 3:10 OPEN FORUM
3:10 - 3:15 BREAK

Track: Educational Management and Development Studies

3:15 - 3:25 Gamification on improving word recognition ability for Grade One learners
Presenter: Lea C. Unsan

3:25 - 3:35 Exploring reading log utilization: Learners' stories and insights
Presenter: Ma. Rosalie N. Zonio

3:35 - 3:45 Multi-sensory hands-on learning activities in speaking for Grade 7 learners in English
Presenter: Verna Ann Shaira D. Santo

3:45 - 3:55 Pinoy games as learning strategy on the learning performance in Mathematics 7
Presenter: Rea V. Sampani

3:55 - 4:05 Thirty days of joyful reading: Intervention for students with low reading proficiency
Presenter: Ma. Michelle V. Valles

4:05 - 4:15 Impact of learning tools on the technical skills development of Grade 11 CSS students
Presenter: Dr. Cybelle A. Gonzales

4:15 - 4:25 OPEN FORUM
4:25 - 4:30 WRAP UP

Parallel Session 2: Dr. Jahfet N. Nabayra
Session Chair
Meeting Room (onsite)

TIME	PAPER TITLE
Track: Educational Management and Development Studies	
1:00 - 1:10	Lived experiences of public-school teachers in additional ancillary services <i>Presenter: Rodel N. Namayan</i>
1:10 - 1:20	School disaster response in a multi-grade primary school from the lens of the stakeholders <i>Presenter: Ma. Andrea F. Tejada</i>
1:20 - 1:30	School head's coaching and monitoring practices through the lens of teachers <i>Presenter: Cherel I. Mercado</i>
1:30 - 1:40	Level of efficacy, personal growth initiatives, and teaching performance of millennial and Generation X <i>Presenter: Jerolyn A. Tabernilla</i>
1:40 - 1:50	Pedagogical experiences and professional challenges: Narratives of non-education graduates in public school teaching <i>Presenter: Jeezreal D. Mondia</i>
1:50 - 2:00	Jack of all trades: Teachers' journey beyond specialization <i>Presenter: Marichu T. Daroy</i>
2:00 - 2:10	Locus of control, sense of efficacy and organizational commitment among teachers <i>Presenter: Liezel R. Tapar</i>
2:10 - 2:20	Enhancing public school teachers' action research competencies through online educational research training <i>Presenter: Alvin O. Insorio</i>
2:20 - 2:30	Motivating drive of faculty research capability towards building a research culture <i>Presenter: Dhani Hugh C. Figueroa</i>
2:30 - 2:40	Role of master teacher in improving teachers in District I <i>Presenters: Elena B. Tagacay & Rudylyza C. Rosal</i>
2:40 - 2:50	OPEN FORUM
2:50 - 3:00	BREAK

Track: Educational Management and Development Studies

- 3:00 - 3:10 Development and evaluation of contextualized supplementary learning materials for Grade 7 Mathematics
Presenter: Mark Julius M. Dela Cruz
- 3:10 - 3:20 From theory to practice: Assessing the effectiveness of contextualized and localized instructional materials and worktexts in enhancing Grade IV learners' mathematics performance
Presenter: Danny M. Fabia
- 3:20 - 3:30 The use of genre-based instruction – linguistic, syntactic, and schematic knowledge (GBI-LiSSK) model to improve students' reading comprehension
Presenter: Rachel O. Tolentino
- 3:30 - 3:40 Effectiveness of Babel application in overcoming grammar challenges for Grade 6 learners
Presenter: Queenie Rose F. Parohinog
- 3:40 - 3:50 Grammar workbook for Grade 7 learners
Presenter: Lovime D. Orbista
- 3:50 - 4:00 A learning package for English writing skills in Grade 6
Presenter: Shernaline Secciona
- 4:00 - 4:10 OPEN FORUM
- 4:10 - 4:15 WRAP UP

Parallel Session 3: Dr. Profetiza I. Maatubang
Session Chair
ASU Audio Visual Room (onsite)

TIME	PAPER TITLE
Track: Humanities and Social Sciences	
1:00 - 1:10	Principled vs. contextual decision-making: Profiling ethical choices among criminology students <i>Presenter: James R. Villacarlos</i>
1:10 - 1:20	Bullying from the perspectives of bullies and bullied learners: A narrative inquiry <i>Presenter: Jellyn V. Dela Cruz</i>
1:20 - 1:30	Perspective of Generation Z towards the significance of Philippine mythology – Visayan pantheon <i>Presenter: Jenny Ry Y. Andres</i>
1:30 - 1:40	Cops behind the lenses: Lived experiences of police officers wearing body-worn cameras during police operations <i>Presenter: Wilfredo O. De La Cruz Jr.</i>
1:40 - 1:50	Qualities of Eagle Scouts and their level of volunteerism towards an institutionalized character formation program <i>Presenter: Richard M. Lopez</i>
1:50 - 2:00	Empathetic responses and gender sensitivity in combating violence against women and children: A qualitative study on female police officers' experiences <i>Presenter: Jimmy G. Artus Jr.</i>
2:00 - 2:10	Beyond the binary: Gender identity and the journey of nursing students in academic spaces <i>Presenter: Nestorio M. Molas Jr.</i>
2:10 - 2:20	OPEN FORUM
2:20 - 2:25	BREAK

Track: Humanities and Social Sciences & Business Management

- 2:25 - 2:35 Toponymy: Coffee table literature on the origin of selected barangays
Presenter: Jessie C. Torres
- 2:35 - 2:45 Implementation of electronic medical records in the primary care facilities: Policy in the delivery of health services
Presenter: Mary Knole Tupas Diaz
- 2:45 - 2:55 Authentic leadership in law enforcement: Narratives of transformation
Presenter: Richie Rose B. Ginete
- 2:55 - 3:05 Perception of business owners on hiring ex-convicts
Presenter: Klyzia C. Rijon
- 3:05 - 3:15 Impact of rewards system on human resource management in Metro Kalibo Water District: Basis for personnel policy
Presenter: Maria Cecille M. Ignacio
- 3:15 - 3:20 OPEN FORUM

Track: Educational Management and Development Studies

- 3:20 - 3:30 The mediating role of emotional management in the relationship between teaching efficacy and performance among primary school teachers
Presenter: Maryella C. Damian
- 3:30 - 3:40 Mentoring the mentee: Exploring the innovative mentorship practices of master teacher
Presenter: Angelyn F. Macahilos
- 3:40 - 3:50 Distress level, stress coping styles, and pedagogical skills through the lens of the public-school teachers
Presenter: Crezil M. Semauro
- 3:50 - 4:00 Balancing family and work: Exploring the stories of teachers assigned far from home
Presenter: Ma. Dennisse D. Iguiron
- 4:00 - 4:10 Teachers' financial literacy awareness, challenges and resources availability
Presenter: Jesusa L. Villanueva
- 4:10 - 4:15 OPEN FORUM
- 4:15 - 4:20 WRAP UP

Parallel Session 4: Dr. Tengku Intan
Session Chair
Zoom Break-out Room (online)

TIME	PAPER TITLE
Track: Educational Management and Development Studies	
1:00 - 1:10	Flipped classroom model in teaching functions for STEM learners <i>Presenter: Jhim M. Iguban</i>
1:10 - 1:20	Understanding middle-aged mothers' journey with kindergarten learners <i>Presenter: Jephine J. Salvador</i>
1:20 - 1:30	Beyond the bare walls: The teachers' and learners' stories and narratives <i>Presenter: Sharon M. Lagunday</i>
1:30 - 1:40	Implementation of the Alternative Learning System program <i>Presenter: Maricel Ann G. Tandoy</i>
1:40 - 1:50	Uncovering teachers' narrative on classroom management skills <i>Presenter: Anabelle F. Morillo</i>
1:50 - 2:00	Practices, challenges, and concerns in implementing reading and numeracy remediation programs: Basis for an innovative remediation plan <i>Presenter: Mildred Z. Isada</i>
2:00 - 2:10	Subjective well-being and occupational resilience of alternative learning system teachers <i>Presenter: Chona C. Meneses</i>
2:10 - 2:20	Beauty and the beast of using social media to the academic performance of learners <i>Presenter: Marissa S. Estrella</i>
2:20 - 2:30	OPEN FORUM
2:30 - 2:35	BREAK
Track: Educational Management and Development Studies	
2:35 - 2:45	Pleasure and pressure in teaching <i>Presenter: Krizia Ann Iledan Retuba</i>
2:45 - 2:55	Quest for job stability: Stories of hopes and aspirations of substitute teachers <i>Presenter: Pearl Rachel R. Nuevas</i>
2:55 - 3:05	The influence of school culture on teachers' retention and job satisfaction <i>Presenter: Ma. Necole R. Nagtalon</i>
3:05 - 3:15	School climate and its effects on academic performance of pupils <i>Presenter: Judylyn C. Samillano</i>

- 3:15 - 3:25 Enhancing administrative performance in the Department of Education: A policy-oriented approach to best practices
Presenter: Marlyn D. Nadua
- 3:25 - 3:35 Tracer study on the graduates of Bachelor of Elementary Education and Bachelor of Secondary Education program of Northwestern Visayan Colleges
Presenter: Retchel B. Sasi
- 3:35 - 3:45 Sustainability and impact of Petrowind Energy Inc.'s involvement in Pawa Elementary School's Adopt-A-School Program
Presenter: Apple Gay M. Oquendo
- 3:45 - 3:55 Clienteles' satisfaction on the frontline services of Aklan State University–Ibajay Campus: Basis for action plan
Presenter: Divina P. De Manuel
- 3:55 - 4:05 OPEN FORUM
- 4:05 - 4:10 WRAP UP

Parallel Session 5: Dr. Jonelson C. Escandallo
Session Chair
Zoom Break-out Room (online)

TIME	PAPER TITLE
	Track: Business, Management & Accounting
1:00 - 1:10	Utilization of barangay funds in the promotion of effective local governance <i>Presenter: Mariel P. Perez</i>
1:10 - 1:20	Linking smallholder farmers to market with micro-finance project of Agrarian Reform Community <i>Presenter: Alvin D. Rasco</i>
1:20 - 1:30	Digital Farmers Program at the Agricultural Training Institute in selected provinces of Region VI <i>Presenter: Jacinth Pearl R. Salvador</i>
1:30 - 1:40	Cultural determinism of consumer behavior on SMEs performance in Osun State, Nigeria <i>Presenter: Prof. Mufutau Akanmu Popoola</i>
1:40 - 1:50	The role of economic value added in forecasting stock market performance in Philippine food production sector <i>Presenter: Melissa S. Carbonell</i>
1:50 - 2:00	Impact of monetary policy on stock market performance in Nigeria <i>Presenter: Babangida Danladi Safiyanu</i>
2:00 - 2:10	Tax compliance verification drive on businesses in Kalibo, Aklan <i>Presenter: Gina N. Maigne</i>
2:10 - 2:20	Effects of Tax Reform for Acceleration and Inclusion Law on the taxpayers of Kalibo, Aklan <i>Presenter: Irene Jane D. Lauderer</i>
2:20 - 2:30	OPEN FORUM
2:30 - 2:35	BREAK

Track: Business, Management & Accounting

- 2:35 - 2:45 Applicability of optical character recognition technology at the Commission on Audit:
Basis for proposed action plan
Presenter: Mary Christine R. Lachica
- 2:45 - 2:55 Examining flexible work arrangements at the Commission on Audit: Framework for work
performance policy
Presenter: Rose Kristine A. Sanchez
- 2:55 - 3:05 Use of e-appointment system of the Bureau of Internal Revenue in the province of Aklan
Giselle Mae F. Macabales
- 3:05 - 3:15 Taxpayers' satisfaction with the services of the Bureau of Internal Revenue in business
registration processing
Presenter: Dianne Rose B. Giner
- 3:15 - 3:25 Taxpayers' awareness on the Bureau of Internal Revenue's eFiling-payment system:
Implications for efficient tax collection transactions
Presenter: Vivian S. Oropiano
- 3:25 - 3:35 Effect of risk management committee attributes on earnings quality of listed deposit
money banks in Nigeria
Presenter: Saifullahi Adam Bayero
- 3:35 - 3:45 Transforming internal audit in Philippine local governments: Post-pandemic perspectives
Presenter: Ivan Jon Ferriol
- 3:45 - 3:55 Leadership and green HRM in the Sri Lanka Navy: Towards the achievement of green
goals
Presenter: Anuradha Iddagoda
- 3:55 - 4:05 OPEN FORUM
- 4:05 - 4:10 WRAP UP

Parallel Session 6: Dr. Sheryl May D. Lainez
Session Chair
Zoom Break-out Room (online)

TIME	PAPER TITLE
	Track: Science, Technology, Engineering & Mathematics
1:00 - 1:10	Antibacterial activity of kawista (<i>Limonia acidissima</i> Groff.) stem bark extract against <i>Propionibacterium acnes</i> and <i>Staphylococcus epidermidis</i> : Exploring natural alternatives for the management of acne-related bacterial infections <i>Presenter: Valentina Girsang</i>
1:10 - 1:20	JAAM-MUSIC: An intelligent string instrument learning system with AI-driven sound recognition <i>Presenter: Aaron Josh S. Agbuya</i>
1:20 - 1:30	SmartMed: An AI-enhanced medication management and assistance system <i>Presenter: Joshua Daniel A. Quezada</i>
1:30 - 1:40	Echoes of the ancients: Reviving Baybayin through an AI-driven system for translation, pronunciation, and cultural enrichment <i>Presenter: Jezreel James A. Deliso</i>
1:40 - 1:50	Old Safety: IoT-based real-time car security and theft prevention system for older vehicles <i>Presenter: Samuel Adrian M. Castillo</i>
1:50 - 2:00	Secure Cycle: Smart bike lock security with real-time alert system <i>Presenter: Charlz Jerik Biacan.Temprosa</i>
2:00 - 2:10	Advanced smart lock system: Enhancing door security with biometric authentication and advanced technology features <i>Presenter: Danica Gaila</i>
2:10 - 2:20	Smart disaster response: AI-powered system for managing fire and typhoon emergencies <i>Presenter: Ervin Perez</i>
2:20 - 2:30	Design and development of KamAI: A basic Filipino sign language recognition mobile application using deep learning <i>Presenter: Dave Lota</i>
2:20 - 2:30	OPEN FORUM
2:30 - 2:35	BREAK

Track: Educational Management and Development Studies

- 2:35 - 2:45 Interactive e-books for English vocabulary skills enhancement of Grade 7 learners
Presenter: Aldin Bayna Yasol
- 2:45 - 2:55 Manipulative approach in teaching mathematics on the learning performance of Grade 6 pupils
Presenter: Alex A. Talidong
- 2:55 - 3:05 Gamifying the rationals: A strategic approach in teaching rational numbers to Grade 7 students
Presenter: Roshelle A. Fiedalino-Formento
- 3:05 - 3:15 English mastery learning material: Tailored for multiple intelligences of Grade 9 students
Presenter: Claire J. Tumbagahan
- 3:15 - 3:25 Beyond the screen: Stories of teachers on effective technology integration
Presenter: Pearl Angelie E. Narciso
- 3:25 - 3:35 Presentation portfolio assessment of ALS: Its level of perception, performance, and challenges encountered
Presenter: Lorlyn Marjorie A. Severo
- 3:35 - 3:45 A booklet to learning: Developing digital literacy on responsible use of online collaboration and productivity tools among learners
Presenter: Michael Angelo T. Garcia
- 3:45 - 3:55 OPEN FORUM
- 3:55 - 4:00 WRAP UP

Awarding and Closing Program

Aklan State University Conference Hall • 4:30PM Philippine Time

Words of thanks

Ms. Jale Ann Pearl D. Yecla

*Aklan State University
Conference Manager*

Ts. Dr. Masyitah Md Nujid

*Universiti Teknologi MARA
Conference Co-chair*

Testimonial from Participants

Giving of Awards

Recognition of Session Chairs

Recognition of Evaluators

Most Outstanding Research

Outstanding Research

Best Presentation

Best Presenter

Mark Jeriel Racasag

Masters of Ceremonies

Social Night

Aklan State University Conference Hall • 5:00PM Philippine Time

Part I. Signing of the Memorandum of Understanding

Statement of objectives

Signing of the MoU

Messages

Rev. Fr. Jose Gualberto I. Villasis

Rector- President

Aklan Catholic College

Mr. Randall Anselmo S. Legaspi

College President

Saint Gabriel College

Part II. Talent Show, Games and Raffles

Part III. Dinner

Mark Jeriel Racasag

Masters of Ceremonies