



5th International Conference on Advancing Knowledge from Multidisciplinary Perspectives in Education, Engineering & Technology

24th & 25th January 2025 | Cebu, Philippines

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Philippines

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Western Philippines
University, Philippines

Nueva Ecija University of
Science and Technology,
Philippines

IFERP Academy - Philippines
Society

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Guest of Honor



Dr. Marilyn Morales Obod,
LPT, EdD

Former Dean of the Graduate
School,
Head, Research Development and
Publication Office World Citi
Colleges Quezon City ,
Philippines.



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



Dr. Sarah C. Alvarez
Dean College of Management and
Business Technology
Neuva Ecija University of
Science and Technology
Philippines.



Dr. AMABEL S. LIAO
University President, Western
Philippines University
Philippines.

Keynote Speakers



**Dr. Ralph Vendel E. Musni, RGC, LPT,
Rpm**

Faculty, Social Sciences & Graduate School
University of Science and Technology of
Southern Philippines.



Dr. RHODORA R. JUGO, EdD
University President

Nueva Ecija University of Science and
Technology,
Philippines.



Prof. Dr Cameron A. Batmanglich
Founder and Non-Executive President
Eurasian Doctoral Student Academy (EDSA)
Sweden.

Keynote Speakers



Prof. Dr. Sapto P. Putro

Center of Marine Ecology & Biomonitoring for
Sustainable Aquaculture (Ce-MEBSA)
Diponegoro university
Indonesia.



Dr. Thelma Domingo Palaoag

Professor
College of Information Technology and Computer
Science
University of the Cordilleras
Philippines.

Session Speakers



Asst Prof. Dr. Surbhi Saroha
Department of Computer Science
Shobhit University
India.



Dr. Shazmin Shareena Ab Azis
Senior Lecturer Real Estate
Faculty of Built Environment and
Surveying
Universiti Teknologi Malaysia
Malaysia.



Dr. Suresh D. Mane
Principal
D Y Patil Prathsthan's College
of Engineering
India.



**Asst Prof. Dr. Anjum Parveen
Nazir Qureshi**
Electronics & Communication
Engineering
Rajiv Gandhi College of
Engineering Research &
Technology
India.

Session Speakers



Dr. Engr. FELICIANA P. JACOBA, EdD

Vice President for Academic Affairs
Nueva Ecija University of Science and
Technology,
Philippines.



Dr Allen Paul Esteban

Chair, Research, Extension, & Training Office
Graduate School, Nueva Ecija University of
Science and Technology
Philippines.



Asst Prof. Dr Heena V Sanghani

Dr D Y . Patil Pratishthan's College of
Engineering, Kolhapur,
Maharashtra,
India.

Panel Discussion

Title : The Complete Research Cycle: From Idea to Citation – Maximizing Impact through Conferences, Publications, And Citation Boosting

Panel - 1



Dr. Ralph Vendel E. Musni,
RGC, LPT, Rpm

Faculty, Social Sciences &
Graduate School
University of Science and
Technology of Southern
Philippines.

Panel - 2



Dr. Thelma Domingo Palaoag

Professor
College of Information Technology
and Computer Science University
of the Cordilleras
Philippines

Panel - 3



Dr. Sarah C. Alvarez

Dean
College of Management and
Business Technology
Neuva Ecija University of Science
and Technology

Panel - 4



Dr. Marilene C. Hipolito

Director
Research Services Department
Nueva Ecija University of Science
and Technology

Session Chairs



Ms. Carla Marie Santos
Associate Professor (English)
National University
Philippines.



Dr. Mary Chris Austria
Associate Professor
College of Management and
Business technology
Nueva Ecija university of science
and technology Cabanatuan City,
Philippines.



Kennedy C Cuya
Faculty member
College of Engineering and
Computational Science
Partido State University, Camarines
Sur,
Philippines.



John Bryan Coleta Villapa
Assistant Professor
Department of Civil
Engineering
Western Philippines
University Aborlan
Philippines.

Session Chairs



Dr. Jocelle B Monreal

Program Administrator
Department of Information
Technology Education
Sto. Domingo Community College
Sto. Domingo
Albay ,
Philippines.



Marilou Benozza-Lansangan

Instructor
Information Technology
Infotech Development Systems
Colleges Ligao city
Philippines.



Dr. Jemmarie G. Suetos

Assistant Professor
Department of Agricultural Science
Mariano Marcos State University
Batac
Philippines.

Session Chairs



Dr. Rodrigo A Salimaco, Jr
Assistant Professor
Mathematics Program
Chairperson
Davao Oriental State University,
Philippines.



Dr Sandeep Gajanan Sutar
Assistant Professor
Department of Computer Science
and Engineering,
Dr D. Y. Patil Pratishthan's
College of Engineering,
Maharashtra, India.



Prof. Benjamin Haboc
College instructors
EARIST – MANILA.



Dr. Madhurimadasgupta,
Hod, Department of Gender
Studies,
Ashadi Wisdom Campus,
Sri Lanka &
Post-doctoral fellow,
Abo-Akademi University,
Finland

Session Chairs



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



Ms. Girlie M. Samson
Associate Professor V
Bulacan State University Bulacan
Philippines.



Engr. Merricris U. Pangilinan
Former Program Chair
Department of Civil Engineering
Bulacan State University
Philippines.

Moderators



Kryslen Serona-Benelizo
Assistant Professor
College of Business
Bukidnon State University
Bukidnon,
Philippines



Prof. Daisy Mae Bongtiwon
Faculty of Physics and
Mathematics
Eulogio Amang Rodriguez
Institute of science and
technology Manila,
Philippines



Vivien Amor Vilorio
Research Unit Chair,
College of Management and
Business Technology
Nueva Ecija University of
Science and Technology



Dean Alec C. De Leon
Faculty,
College of Management and
Business Technology
Nueva Ecija University of
Science and Technology

Moderators



Ms. Syaikha Zakira Denila
Publication and Documentation of
Student Association of English
Literature Department
UIN Sulthan Thaha Saifuddin Jambi,
Indonesia.



Ms. Yulia Febrianti Putri
Secretary of student association of English
Literature Department,
Indonesia.

Volunteers



Ms. Marivic Han-awon

Instructor

Department of English Education
Bukidnon State University Malaybalay,
Philippines.



Jovert J Delegencia

Instructor

Department of Business Administration
Bukidnon State University Malaybalay,
Philippines.



NENON ROY A. SANDINAO

Instructor

Department of Business Management
Bukidnon State University Malaybalay,
Philippines.

Volunteers



Ms Jahzeel Candilasa

Instructor

Department of English
Bukidnon State University Malaybalay,
Philippines.



Mr. Michael Briant T Calao

Instructor

Department of Business Administration
Bukidnon State University Malaybalay,
Philippines.



Kathleen Rose Y. Jose

ASSOCIATE PROFESSOR III
Nueva Ecija University of Science
and technology
Philippines.

Workshop Speakers



Dr. Sarah C. Alvarez
Dean

College of Management and Business Technology
Nueva Ecija University of Science and Technology



Ayu Rita Mohamad (PhD)

Lecturer

Department of Languages and Linguistics
Universiti Tunku Abdul Rahman
Malaysia

Program Schedule Day 1 – Physical – 24/01/2025

Time zone in Philippines (GMT+8)

08: 30 AM - 09:00 AM	Registration Desk
09:00 AM - 09:10 AM	Introduction by Moderator
09:10 AM - 09:25 AM	Speech By Keynote Speaker Dr. Ralph Vendel E. Musni, RGC, LPT, RPm
09:25 AM - 09:40 AM	Speech By Keynote Speaker Dr. RHODORA R. JUGO, EdD
09:40 AM – 09:55 AM	Speech By Keynote Speaker Dr. Thelma Domingo Palaoag
09:55 AM – 10:10 AM	Speech By Session Speaker Dr. Engr. FELICIANA P. JACOBA, EdD
10:10 AM - 10:30 AM	Networking Break
10:30 AM – 11:10 AM	Inaugural Ceremony
11:10 AM - 11:50 AM	Panel Discussion On The Complete Research Cycle: From Idea to Citation – Maximizing Impact through Conferences, Publications, and Citation Boosting
11:50 AM - 12:05 PM	Speech By Session Speaker Dr Allen Paul Esteban
12:05 PM – 12:25 PM	Award Ceremony
12:25 PM – 01:10 PM	Lunch Break
01:15 PM – 05:17 PM	Technical Session 1A – Room Name - Sinamay1 & 2 Technical Session 2A – Room Name - Pina
05:17 PM – 05:35 PM	Networking Break
05:35 PM - 05:40 PM	Valedictory Function
05:40 PM - 05:45 PM	Vote of Thanks

Time zone in Philippines (GMT+8)

Inaugural Ceremony Agenda	
10:30 AM - 10:33 AM	Guest of Honor by Mr. A. Siddth Kumar Chhajer
10:33 AM – 10:36 AM	Guest of Honor by Dr. Sarah C. Alvarez
10:36 AM - 10:39 AM	Guest of Honor by Dr. Marilyn Morales Obod, LPT, EdD
10:39 AM – 10:42 AM	Guest of Honor by Dr. AMABEL S. LIAO
10:42 AM - 10:45 AM	Inaugural Speech by Dr. Ralph Vendel E. Musni, RGC, LPT, Rpm
10:45 AM - 10:48 AM	Inaugural Speech by Dr. Thelma Domingo Palaoag
10:48 AM - 10:51 AM	Inaugural Speech by Dr. RHODORA R. JUGO, EdD
10 :51 AM - 10:54 AM	Inaugural Speech by Dr Allen Paul Esteban
10:54 AM - 10:57 AM	Inaugural Speech by Dr. Engr. FELICIANA P. JACOBA, EdD
10:57 AM – 11:00 AM	Inaugural Speech by Prof. Daisy Mae Bongtiwon
11:00 AM – 11:10 AM	Proceeding Booking Release and Memento Distribution

UNIVERSITY TOUR AGENDA

Day 2 | 25th January 2025

TIMING	PROGRAMME
09:00 AM – 09:30 AM	Travel from hotel to Cebu Technological University
09:20 AM – 09:35 AM	Welcoming delegates
09:35 AM – 09:40 AM	National Anthem - Philippines
09:40 AM – 09:45 AM	National Anthem - India
09:45 AM – 09:50 AM	ASEAN hymn
09:50 AM – 09:55 AM	Prayer by Cebu Technological University-university choir
09:55 AM – 10:05 AM	Culture presentation
10:05AM - 10:10 AM	Welcome message by Vice-President for Research and Development, Cebu Technological University
10:10 AM – 10:15 AM	Welcome message by Campus Director, Cebu Technological University-Main Campus
10:15 AM – 10:20 AM	Welcome message from IFERP Representative
10:20 AM – 11:00 AM	Workshop on AI Assisted in Academic Writing
11:00 AM – 11:40 AM	Workshop on Research in Management and Business Technology
11:40 AM – 12:00 PM	Group Picture
12:00 PM – 01:00 PM	Lunch
01:00 PM – 01:30 PM	Travel from university to Hotel

Day - 1 24/ 01/2025
Physical Technical Session -1A
Room Name: Sinamay 1 & 2

Physical Technical Session -1A

Time zone in Philippines (GMT+8)

- | | |
|---------------------|--|
| 01:15 PM - 01:23 PM | Application of cognitive load theory in interactive multimedia to increase civic education learning engagement
Presentation by Jimmy Novenaldi |
| 01:23 PM - 01:31 PM | Characterization and Analysis of Tension Parallel Properties in Bambusa blumeana A Study of Bamboo's Mechanical Strength for Structural Application
Presentation by Ma. Lalaine Nicole L. Resurreccion |
| 01:31 PM - 01:39 PM | Enhancing Leadership and Organizational Effectiveness: A Case Study of Civil Engineering Faculty
Presentation by JOHN BRYAN COLETA VILLAPA |
| 01:39 PM - 01:47 PM | PULL-OUT STRENGTH OF EXPANSION ANCHOR BOLT EMBEDDED IN POLYPROPYLENE FIBER REINFORCED CONCRETE
Presentation by Reycielo Denzon |
| 01:47 PM - 01:55 PM | Impact Assessment of Environmental Management System Instrument of ISO 14001
Presentation by KRISTINE CLARISSE SUERTE CANILLA |
| 01:55 PM - 02:03 PM | Finite Element Modelling of Ti-6Al-4V Machining: Influence of Friction and Cutting Speed on Surface Integrity and Subsurface Deformation
Presentation by Abdallah Al Tobi |
| 02:03 PM - 02:11 PM | Enhancement of Random Forest Applied to Course-Recommendation for Waitlisted Applicants
Presentation by John Vincent L Guanco |

Physical Technical Session -1A

Time zone in Philippines (GMT+8)

- 02:11 PM - 02:19 PM From Ecosystem to Institution: The Role of Crowdfunding and Social Networks in Shaping Sustainable Entrepreneurship
Presentation by Remson Mark C. Macawile
- 02:19 PM - 02:27 PM Offline Augmented Reality for Rural Tourism Development: Empowering Cultural Preservation and Community Sustainability through ID-QUBE and ID-MAP Design
Presentation by Yakup Mohd Rafee
- 02:27 PM - 02:35 PM Developing a Computer Vision Model to Classify Abaca Fibers Using YOLOv8
Presentation by Kenneth D. Ligutom
- 02:35 PM - 02:43 PM Enhancement of Discrete Wavelet Transform Algorithm Applied in Medical Image Compression
Presentation by Niño Angelo A. Sanchez
- 02:43 PM - 02:51 PM The effect of cutting parameters on hole quality in Aluminum Alloy Al5083
Presentation by Salim Nasser Salim AL Nairi
- 02:51 PM - 02:59 PM GRAVIMETRIC BIO-GEO PERMEA WATER TREATMENT DEVICE FOR HEAVY METALS REMOVAL OF MINING EFFLUENT.
Presentation by Cesario Abrea Bacosa Jr
- 02:59 PM - 03:07 PM Qualitative Analysis of AI Experts' Interpretation of Gender Differences in Smoking Among Individuals with Disabilities
Presentation by Won Gil Lee
- 03:07 PM - 03:15 PM New Quality of Life hotspots: The Geography of Earth's Turquoise Zones
Presentation by Dr Norbert Csizmadia PhD

Physical Technical Session -1A

Time zone in Philippines (GMT+8)

- 03:15 PM - 03:23 PM Maternal Perception of Developmental Delays in Young Children
Presentation by Yeonwoo Lee
- 03:23 PM - 03:31 PM Entrepreneurship Education Influencing Entrepreneurial Intentions of Business Students
Presentation by Jonnicko Campaner
- 03:31 PM - 03:39 PM The Interplay Between the Precautionary Principle and Environmental Sustainability in Indian Jurisprudence
Presentation by Pavan V
- 03:39 PM - 03:47 PM THE EFFICACY OF VIRTUAL INTERVIEWING TECHNIQUES: A DEMOGRAPHIC VIEWPOINT
Presentation by Dr Nagendra S
- 03:47 PM - 03:55 PM Optimization and Analysis of CO2 capture in RPB using cognitive computing and evolutionary algorithm
Presentation by Poonam Mishra
- 03:55 PM - 04:03 PM Central Tropical Indian Ocean heat budget analysis during Indian Ocean Tripole events
Presentation by Bhasha H Vachharajani
- 04:03 PM - 04:11 PM From Anxiety to Confidence: Strategies to Overcome Speaking Anxiety among ESL Learners in Online Oral Presentations
Presentation by Ayu Rita Mohamad

Physical Technical Session -1A

Time zone in Philippines (GMT+8)

- 04:11 PM - 04:19 PM Enhancing Reading Comprehension: A Comparative Analysis of Storytelling Videos and Picture Books
Presentation by Lalan, Angelica O.
- 04:19 PM - 04:27 PM Study of PVD coatings in combination with smart polymeric additives for enhanced wear resistance and friction reduction
Presentation by Fabio Ferreira
- 04:27 PM – 04: 35 PM Sociolinguistic Studies In The Manuscript Of Qaşīdah Li Aş-Şibyān By Kyai Sholeh Tsani
Presentation by Andhika Tiara
- 04:35 PM – 04:43 PM Educational Values of Sufism in The Local Poetry of Kabhanti Bunga Malati from Buton Southeast Sulawesi
Presentation by Nurul Isra H
- 04:43 PM – 04:51 PM Mature Coconut Fruit Detection and Monitoring System Using Computer Vision With A Web Dashboard Visualization Platform
Presentation by Samfford S. Cabaluna
- 04:51 PM – 04:59 PM The application of machine learning techniques for corn yield prediction and management: A systematic literature review
Presentation by LEE CARLO SIMON
- 04:59 PM – 05:07 PM Cybersecurity Strategy for Higher Education Institutions: Exploring Standards and Frameworks for Effective Protection
Presentation by Milagros B Barruga
- 05:07 PM – 05:15 PM HEALTH-SEEKING BEHAVIOR, KNOWLEDGE, SOCIAL STIGMA, AND ADHERENCE TO PROTOCOLS FOR COVID-19: A CAUSAL MODEL
Presentation by GINA G MACABAYA

Day - 1 24/ 01/2025
Physical Technical Session -2A-Parallel
Room Name: Pina

Physical Technical Session -2A - Parallel

Time zone in Philippines (GMT+8)

- 01:15 PM - 01:23 PM Development of an Adaptive Game-based Learning Environment for Teaching Basic Programming Concepts
Presentation by **Jhon Harvey Cagape Babia**
- 01:23 PM - 01:31 PM SERVICE EFFICIENCY OF ONLINE BANKING: PERCEIVED CUSTOMER SATISFACTION
Presentation by **Ma Germina Santos**
- 01:31 PM - 01:39 PM THE POWER OF LOCAL RESOURCES: AN ASSET-BASED APPROACH TO RURAL DEVELOPMENT
Presentation by **Dr. Catherine E. dela Cruz**
- 01:39 PM - 01:47 PM Vermicomposting Unveiled: Assessing Feasibility for Sustainable Farming and Commercial Success
Presentation by **Jonas Emmanuel C. Navarro**
- 01:47 PM - 01:55 PM Assessing the Drivers and Barriers in Farmers Adoption of Technology and Innovations for Sustainable Agricultural Practices
Presentation by **Janice S. Cucio**
- 01:55 PM - 02:03 PM Development and Assessment of TrAcad: Smart Student Tracking using Simple Boolean and Conditional Algorithm
Presentation by **Prince Mert O Nicolas**
- 02:03 PM - 02:11 PM Status of Mango Industry in Nueva Ecija Basis for Development Plan
Presentation by **Dr Nestor C Natividad**
- 02:11 PM - 02:19 PM Exploring the Challenges and Vulnerabilities of SDN in Campus Network Security
Presentation by **Armie C Ibay**

Time zone in Philippines (GMT+8)

Physical Technical Session -2A - Parallel

- 02:19 PM - 02:27 PM Student Motivation and Social Support in Online Distance Learning Among Freshmen Social Support in Online Distance Learning Among Freshmen College Students
Presentation by Shiela Marie Minohara
- 02:27 PM - 02:35 PM Empowering Learners and Educators: A Needs Assessment-Based Framework for Training and Extension Programs in the Alternative Learning System
Presentation by Maricar H Sison
- 02:35 PM - 02:43 PM Exploring the Psychological Safety of Employees at NEUST-SIC: Implications for Workplace Well-Being and Productivity
Presentation by ELOISA C GABRIEL
- 02:43 PM - 02:51 PM Assessing the Needs for Collaboration between the Department of Education and Nueva Ecija University of Science and Technology: Research, Extension, and Training Perspectives
Presentation by Mark Ren D Villaflor
- 02:51 PM - 02:59 PM Adopting Eco-Friendly Construction Materials for Climate Resilience: Insights from a Community Seminar in Puerto Princesa
Presentation by JOHN BRYAN COLETA VILLAPA
- 02:59 PM - 03:07 PM An Enhancement of The Jaro-Winkler Fuzzy Searching Algorithm Applied in Library Search Engine
Presentation by Karl Benedict K Malaga

Venue : Seda Central Bloc Cebu,

Located in: Cebu I.T. Park

Address: V. Padriga St, Cebu City, 6000 Cebu, Philippines

Map link : <https://maps.app.goo.gl/48yL4oJXcMw117Nx9>

Program Schedule day 2 – Virtual – 25/01/2025

Time zone in Philippines (GMT+8)

09:00 AM - 09:05 AM	Introduction by Moderator	
09:05 AM - 09:25 AM	Speech By Keynote Speaker - Prof. Dr Cameron A. Batmanghlich	
09:25 AM - 09:45 AM	Speech By Keynote Speaker - Prof. Dr. Sapto P. Putro	
09:45 AM - 10:05 AM	Speech by Session speaker - Asst Prof . Dr Heena V Sanghani	
10:05 AM - 11:35 AM	Technical Session -1 A	
11 :35 AM - 11:55 AM	Speech by Session speaker - Dr. Shazmin Shareena Ab Azis	
11:55 AM - 12:15 PM	Speech by Session speaker - Asst Prof. Dr. Surbhi Saroha	
12:15 PM - 01:45 PM	Technical Session - 2 A	
01:45 PM - 02:45 PM	Lunch Break	
02:45 PM - 03:05 PM	Speech by Session speaker - Dr. Suresh D. Mane	Speech by Session speaker - Asst Prof. Dr. Anjum Parveen Nazir Qureshi
03:05 PM - 04:35 PM	Technical Session - 3 A	Technical Session - 3 B
04:35 PM - 04:40 PM	Valedictory Function	
04:40 PM - 04:45PM	Vote of Thanks	

Day - 2 25/01/2025

Virtual Technical Session - 1A

Technical Session - 1A

Time zone in Philippines (GMT+8)

- 10:05 AM - 10:13 AM ISpeakAI: AI-Driven Development of Pronunciation Learning Bot for Deaf Speech
Presentation by **Spencer Yuki E. Del Rosario**
- 10:13 AM - 10:21 AM DEVELOPMENT AND VALIDATION OF AN APTITUDE TEST IN RESEARCH PRODUCTIVITY
Presentation by **Joy Araza**
- 10:21 AM - 10:29 AM ENHANCING TECHNICAL-VOCATIONAL EDUCATION THROUGH AUGMENTED REALITY:
EVALUATING THE USABILITY AND EFFECTIVENESS OF AN AR APPLICATION FOR COMPUTER
HARDWARE ASSEMBLY AMONG SENIOR HIGH SCHOOL STUDENTS IN THE PHILIPPINES
Presentation by **John Robert Martinez Delinila**
- 10:29 AM - 10:37 AM Forecasting Water Shortages in Agricultural Irrigation in La Trinidad, Benguet Through Predictive Analysis
Presentation by **Gedion C Ulban Jr**
- 10:37 AM - 10:45 AM The Level of Awareness of Education Students at the University of Nizwa Specializing in Science and
Information Technology Majors of Digital Ethical Values from their Perspectives
Presentation by **AFLAH AHMED SULAIMAN ALKINDI**

Technical Session - 1A

Time zone in Philippines (GMT+8)

- 10:45 AM - 10:53 AM EXPLORING EMERGING TECHNOLOGIES' IMPACT ON AIDA AND MARKETING MIX IN DIGITAL MARKETING FOR INDIA
Presentation by Prasenjit Chakrabarty
- 10:53 AM - 11:01 AM Enhancement of Profanity Filtering and Hate Speech Detection Algorithm Applied in Minecraft Chats
Presentation by Jeffrey Macanas Daquigan
- 11:01 AM - 11:09 AM An Enhancement of Item Based Collaborative Filtering Algorithm Applied in Book Recommendations
Presentation by Sophia Erin Ragudo
- 11:09 AM - 11:17 AM Enhancement of Density Based Spatial Algorithm with Noise for Fire Risk Assessment and Warning in Metro Manila
Presentation by Franchezka Flores
- 11:17 AM - 11:25 AM Modified Isolation Forest Algorithm for Credit Card Fraud Detection
Presentation by Ma Alexandra Ong
- 11:25 AM – 11:33 AM An Analysis of Time-Series Forecasting Models for Optimizing School-Based Feeding Programs
Presentation by Carlos Pineda Flores Jr.

Day - 2 25/01/2025 Virtual Technical Session - 2A

Technical Session - 2A

Time zone in Philippines (GMT+8)

- | | |
|---------------------|--|
| 12:15 PM - 12:23 PM | Enhancing Food Security Innovation Health and Wellness in Adapting to Climate Change A basis for an Intervention Program
Presentation by Glena L Caluza |
| 12:23 PM - 12:31 PM | Exploring Machine Learning Models for Predictive Analytics in Solar Power Generation
Presentation by Brianne Mark Tatunay Aquino |
| 12:31 PM - 12:39 PM | Organizational Commitment Employee Retention Job Satisfaction and Performance Among Private School Teachers a Structural Model
Presentation by KERNEL EDD DOMENEQ P ARNOCO |
| 12:39 PM - 12:47 PM | Enhanced You Only Look Once (YOLOv5) Object Detection Algorithm for Traffic Flow Management
Presentation by Carl Lemuel P Ermita |
| 12:47 PM - 12:55 PM | Analysis of Bandwidth Management Algorithms
Presentation by Ronnie B Mercado |
| 12:55 PM - 01:03 PM | OPTIMIZATION OF LAND AND BUILDING TAX ABSORPTION THROUGH 3-DIMENSIONAL MODELING AND DIGITAL TWIN VISUALIZATION FROM AERIAL PHOTO SURVEY
Presentation by SLAMET RIADI |

Technical Session - 2A

Time zone in Philippines (GMT+8)

- 01:03 PM – 01:11 PM Understanding Consumer Sentiment and Trends in Product Reviews Using Topic Modeling
Presentation by Mashaël M. Alsulami
- 01:11 PM – 01:19 PM Enhancement of Q-Learning Algorithm For Personalizing Adaptive Learning Strategies
Presentation by Cedric Athelstan Parungao
- 01:19 PM – 01:27 PM Modified Iterative Dichotomiser 3 (ID3) Algorithm Applied In Diabetes Risk Detection
Presentation by Robin Bryan R. Alcaide
- 01:27 PM – 01:35 PM Combining Deep Learning and Image Processing Methods for Glucose Content Analysis
Presentation by M. Ranjithkumar Reddy
- 01:35 PM – 01:43 PM Enhanced Support Vector Machine for Spam Email Classification
Presentation by Patrick L Marcos

Day - 2 25/01/2025

Virtual Technical Session – 3 A

Virtual Technical Session – 3 A

Time zone in Philippines (GMT+8)

- 03:05 PM - 03:13 PM Enhancement of the Glicko-2 Algorithm Applied to Matchmaking in Chess Games
Presentation by Sealtiel Padua Fajardo
- 03:13 PM - 03:21 PM Designing a Performance Metrics Evaluation Framework for NLP-Driven Chatbots in Local Government Unit
Presentation by Aristotel Aaron C Agpaoa
- 03:21 PM - 03:29 PM Blockchain-Enabled and Encrypted Health Record Portability for Secure Insurance Data Transfers
Presentation by lakshmi narasimhan Srinivasagopalan
- 03:29 PM - 03:37 PM WINDOWS-BASED ACTIVITY MONITORING SYSTEM FOR PRODUCTIVITY AND ANOMALY DETECTION IN WFA ENVIRONMENTS
Presentation by Muhammad Adhia Rafif
- 03:37 PM - 03:45 PM Mapping The Future: A Bibliometric Analysis of Organizational Commitment and Corporate Sustainability Trends
Presentation by JATMIKO MURDIONO

Virtual Technical Session – 3 A

Time zone in Philippines (GMT+8)

- 03:45 PM - 03:53 PM The Impact of Creative Accounting on Company's Value of Banking Industry in Indonesia with Good Corporate Governance and Managerial Ownership as Moderating Variable
Presentation by Andriawan
- 03:53 PM - 04:01 PM Analysis of Deep Learning Algorithms for Grape Leaf Disease Detection
Presentation by Ellen Flores Mangaoang
- 04:01 PM - 04:09 PM The Role of Machine Learning Algorithms for Diagnosing Diabetes Mellitus Based on Different Datasets with Different Attributes
Presentation by Ahmad Hussain AlBayati
- 04:09 PM - 04:17 PM Comprehensive Analysis of Consumer Sentiments and Topic Modeling on Samsung Z Fold Reviews Using NLP Techniques
Presentation by ZIDANE ZULFIKAR SUPRATMAN
- 04:17 PM – 04:25 PM Deriving the Current Sentiments and Issues being encountered by Work-from-Home (WFH) Employees in the Philippines
Presentation by Ibrahim F. Hanbal
- 04:25 PM – 04:33 PM Comprehensive Cloud Solution for Secure Text Transmission: Enhancing Privacy and Integrity in Digital Communication
Presentation by Viswanathan Ramasamy Reddy

Day - 2 25/01/2025 Virtual Technical Session – 3 B

Virtual Technical Session – 3 B

Time zone in Philippines (GMT+8)

- 03:05 PM - 03:13 PM Adaptive Scheduling Heuristic Priority Linear Regression (ASH-PLR): A Novel CPU Scheduling Algorithm using Predictive Priority Levels
Presentation by Don Harl Malabanan
- 03:13 PM - 03:21 PM A Systematic Analysis of the Role of Artificial Intelligence in Digital Business Transformation
Presentation by Faisal Binsar
- 03:21 PM - 03:29 PM The Role of Machine Learning Algorithms for Diagnosing Diabetes Mellitus Based on Different Datasets with Different Attributes
Presentation by Ahmad Hussain AlBayati
- 03:29 PM - 03:37 PM The moderating role of collectivism on the relationship between self compassion and compassion of others of Filipino college students
Presentation by Margaret Concha
- 03:37 PM - 03:45 PM Relationship Between Forgiveness and Resilience Among Young Adults in Baguio City, Philippines
Presentation by Jasmine K Evasco

Virtual Technical Session – 3 B

Time zone in Philippines (GMT+8)

- 03:45 PM – 03:53 PM The Impact of Economic Accessibility of Healthcare Services on the Health of Elderly Individuals in China
Presentation by Honglin Deng
- 03:53 PM – 04:01 PM Detecting the Unusual: A Novel Approach to Video Anomaly Detection Using Deep Learning and GANs
Presentation by Sasi Kiran Nallapu
- 04:01 PM – 04:09 PM Deep Learning-Enabled Word Construction for Enhanced Communication in Autism Spectrum Disorder
Presentation by Manivannan Parthasarathi