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# EAW-ICASEAT2023

Effective Article Writing for High Impact Journal Publication  
& International Conference on Applied Science, Engineering,  
and Advanced Technology

# ICLE2023

International Conference on Learning and Education

# WCBM2023

World Conference on Business and Management

**22<sup>th</sup> & 24<sup>th</sup> December 2023**

**Bayview Beach Resort, Batu Ferringhi,  
Penang, Malaysia**

Organiser



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# MESSAGE

## FROM THE CONFERENCE CHAIR



“The aim of this workshop is to help students, lecturers and researchers to write high quality article for high impact journal publication. By attending this workshop, you will learn the secrets on how to write high impact article for publication in high rank academic journals. Besides that, these conferences are organized in order to become the leading annual conferences in the fields related to Engineering Education, Applied Science, Advanced Technology, Learning & Education, Business and Management. The goal of the conferences is to gather scholars, researchers, and practitioners from all over the world to present advances in their research fields and to foster an environment conducive to exchanging ideas and information. As chairman of EAW-ICASEAT2023/ICLE2023/WCBM2023, It gives me great pleasure and honor to invite all of you to join this conference. I wish to take this opportunity to welcome the participants from Europe, America, Australia, and Asia as the representative of the students, lecturers, and researchers. I hope, this conference will serve as a catalyst for strengthening international cooperation on the transfer of knowledge. Thank you”



# KEYNOTE SPEAKER



**Dr. Fauzan Ahmad**

# **SECRETARIAT**



**Dr. Nor Azwadi Che Sidik**  
*Managing Director of Semarak Ilmu Sdn Bhd.*



**Dr. Rozanti A. Hamid**  
*General Manager of Semarak Ilmu Sdn Bhd.*



**Mr. Ahmad Tajuddin Mohamad**  
*Assistant Manager of Semarak Ilmu Sdn. Bhd.*  
*(Publishing Department)*



**Ts. Dr. Wan Mohd. Arif Aziz Japar**  
*Assistant Manager of Semarak Ilmu Sdn. Bhd.*  
*(Research & Consultation Department)*





**Mrs. Norazwa Mohamed  
Hariri**

*Chief Finance Officer of Semarak  
Ilmu Sdn. Bhd.*



**Mrs. Hafizah A. Hamid**

*Chief Human Resource Officer of  
Semarak Ilmu Sdn. Bhd.*



**Mr. Tung Hao Kean**

*Chief Technical Editor of Semarak  
Ilmu Sdn. Bhd.*



**Ms. Nur Nadhirah Mohamad  
Rashid**

*Technical Editor of Semarak Ilmu  
Sdn. Bhd.*



**Mrs. Nur Sakinah Dzulkifly**

*Technical Editor of Semarak Ilmu  
Sdn. Bhd.*

# PROGRAM SCHEDULE

Date	Time	Activity
22 December 2023 (workshop)	0800-0900	Registration
	0900-1100	Session 1: Why we Publish, Where we Publish and What we Publish?
	1100-1115	Coffee Break
	1115-1300	Session 2: What Do Reviewer Look for in Your Manuscript?
	1300-1500	Lunch Buffet
	1500-1600	Session 3: How to Write High Impact Article?
	1600-1615	Coffee Break
	1615-1700	Session 4: How Can We Increase the Rate of Acceptance for Our Manuscript?
	1700 (End)	Photo Session

# PROGRAM SCHEDULE

Date	Time	Activity
24 December 2023 (Conferences)	0800-0900	Registration
	0900-0915	Opening & Welcoming Speech by Conference Chair (Dr Nor Azwadi Che Sidik)
	0915-0945	Speech by Keynote Speaker
	0945-1000	Coffee Break
	1000-1130	Research presentation parallel session 1A, 1B, 1C
	1130-1300	Research presentation parallel session 2A, 2B, 2C
	1300-1430	Lunch
	1430-1600	Research presentation parallel session 3A, 3B, 3C
	1600-1730	Research presentation parallel session 4A, 4C

## Meal Venue

**Coffeebreak: Crystal Ballroom foyer  
level : Mezzanine (M)**

**Lunch : La Veranda Coffeehouse  
Level : Ground (G)**



# Room: Crystal Ballroom

## Level : Mezzanine (M)

### Research Presentation Parallel

#### Session IA

#### (10.00 am – 11.30 am)

#### Session Chair:

#### Ts. Dr. Syamimi Shamsuddin

NO	PAPER ID	PAPER TITLE	PRESENTER	TIME
1	EAW- ICASEAT2023: 027-019	Effect of Local Scour on Lateral Response of Single Bridge Pier in Different Soil Conditions	Nordila Ahmad	10.00-10.15
2	EAW- ICASEAT2023: 030-028	Effect of Ground Motion on Fragility and Vulnerability of Reinforced Concrete Bridge in Different Soil Conditions	Elwin Kuan Yu You	10.15-10.30
3	EAW- ICASEAT2023: 050-030	Influence of the Scour on Laterally Loaded Single Piles in Sand	Syuriya Mohamad	10.30-10.45
4	EAW- ICASEAT2023: 022-006	Stability of Rock Slope using Kinematic Analysis: A Case Study at Bukit Gemilang, Sungai Besi, Kuala Lumpur	Ms. Nurul Afiffah Khairulazman	10.45-11.00
5	EAW- ICASEAT2023: 029-010	Flow Reversal of Unsteady Oscillatory Flow in Combined Convection Fully Developed Double Diffusive Vertical Channel	Nur Asiah Mohd Makhatar	11.00-11.15
6	EAW- ICASEAT2023: 039-015	Analysis of Drone's RCS using LTE Frequency	Mohd Razif Maidin	11.15-11.30

# Room: Crystal Ballroom

## Level : Mezzanine (M)

### Research Presentation Parallel

#### Session 2A

#### (11.30 am – 12.45 pm)

#### Session Chair:

#### Ms. Nurul Afiffah Khairulazman

NO	PAPER ID	PAPER TITLE	PRESENTER	TIME
1	EAW- ICASEAT2023: 023-007	Sediment Transport Capacity Performance Assessment Based on a Rusle and Sediment Delivery Ratio Model	Zuliziana Suif	11.30-11.45
2	EAW- ICASEAT2023: 103-086	Effect of Cement Plaster and Insulation Materials on the Thermal Performance of IBS Clay Brick Wall	Noor Nabilah Sarhini	11.45-12.00
3	EAW- ICASEAT2023: 018-022	Performance of Plain Concrete Beam Retrofitted with Textile Waste Composite	Noor Aina Misnon	12.00-12.15
4	EAW- ICASEAT2023: 058-029	Control Strategy Analysis Based on P&O Algorithm for the Switching Component of Wireless Solar Power Transfer	Muhammad Irwanto	12.15-12.30
5	EAW- ICASEAT2023: 038-068	Investigation on Factors Affecting Cognitive Skills in Detection of Driving Fatigue	Ts. Dr. Syamimi Shamsuddin	12.30-12.45



# Room: Crystal Ballroom

## Level : Mezzanine (M)

### Research Presentation Parallel

#### Session 3A

(02.30 pm – 04.00 pm)

#### Session Chair:

**Dr. Husna Sarirah Husin**

NO	PAPER ID	PAPER TITLE	PRESENTER	TIME
1	EAW- ICASEAT2023: 046-042	The Performance of Linear Programming Asymmetric Parameter Fuzzy Modelling Based on Statistical Error Measurement	Nor Kamariah Kamaruddin	02.30-02.45
2	EAW- ICASEAT2023: 028-009	Tensegrity Prediction of E. Coli Deactivation by Sonication Strategy	Ahmad Kueh Beng Hong	02.45-03.00
3	EAW- ICASEAT2023: 062-035	Synthesis of Bio-Oil Via Catalytic Co-Pyrolysis of Cotton Fabric Waste and Polypropylene Plastic Waste	Syarifah Athasha Binti Shaib Aliwi	03.00-03.15
4	EAW- ICASEAT2023: 014-021	The Optimization Studies of AB Mix Fertilizers for Capsicum frutescens in Soilless Media using Response Surface Methodology Software	Ts. Dr. Fadhlina Che Ros	03.15-03.30
5	EAW- ICASEAT2023: 080-057	Novel Behaviours of Liquid Draining in a Tank with a Simple Bluff-body for Air-core Suppression	Fadhilah Mohd Sakri	03.30-03.45
6	EAW- ICASEAT2023: 096-078	New Framework of Location Model for Mixed Variables Classification in the Presence of Outliers	Kartini Kasim	03.45-04.00



# Room: Crystal Ballroom

## Level : Mezzanine (M)

### Research Presentation Parallel

#### Session 4A

#### (04.00 pm – 05.15 pm)

#### Session Chair:

#### Ts. Dr. Fadhlina Che Ros

NO	PAPER ID	PAPER TITLE	PRESENTER	TIME
1	EAW- ICASEAT2023: 100-082	Analysis Study of Fast Dynamic Response for Three-Phase Voltage Source Inverter	Noor Aqilah Binti Madzlan	04.00-04.15
2	EAW- ICASEAT2023: 083-062	Development of a Marine Mooring Lines Image Dataset for Deep Learning Applications	Manzoor Ahmed Hashmani	04.15-04.30
3	EAW- ICASEAT2023: 009-102	Multiple regression analysis for online teaching effectiveness	Dr. Husna Sarirah Husin	04.30-04.45
4	EAW- ICASEAT2023: 085-066	Wearable Antenna for Military Attire	Mohd Taufik Jusoh	04.45-05.00
5	EAW- ICASEAT2023: 099-080	Internal Gravity Waves Propagation on Finite-Difference Staggered Grid	Muhamad Najib Zakaria	05.00-05.15

# Room: Hibiscus

## Level: Mezzanine (M)

### Research Presentation Parallel

#### Session IB

#### (10.00 am – 11.30 am)

#### Session Chair:

#### Ts. Dr. Irma Syarlina Che Ilias

NO	PAPER ID	PAPER TITLE	PRESENTER	TIME
1	EAW- ICASEAT2023: 013-017	Mechanical Properties of Sustainable Bamboo Fibre and Rhdpe Composite Exposed to Water Immersion	Maidiana Othman	10.00-10.15
2	EAW- ICASEAT2023: 051-031	Foresight Study of Iot Technology in Preventing Road Crash: A Case of Car Alcohol Detector	Nurazwa Ahmad	10.15-10.30
3	EAW- ICASEAT2023: 012-011	Modified Shooting with Discretization Validation for Non-Standard Optimal Control Problem: Case Study for Four-Stage Royalty Payment Problem	Ms. Wan Noor Afifah Wan Ahmad	10.30-10.45
4	EAW- ICASEAT2023: 065-038	Plasticized Lithium Ion Conducting PLA Based Polymer Electrolyte for Application in EDLC	Fairuzdzah Ahmad Lothfy	10.45-11.00
5	EAW- ICASEAT2023: 102-085	Efficient Constrained Real-World Problem-Solving using Gradient-Based Mutation Manta Ray Foraging Optimization (GM-MRFO)	Ahmad Azwan Abd razak	11.00-11.15
6	EAW- ICASEAT2023: 102-084	Mating-based Manta Ray Foraging Optimization for Fuzzy-Hammerstein Model of an Electric Water Heater	Almaa Anwari	11.15-11.30



# Room: Hibiscus

## Level: Mezzanine (M)

**Research Presentation Parallel**  
**Session 2B**  
**(11.30 am – 13.00 pm)**

**Session Chair:**  
**Ms. Wan Noor Afifah Wan Ahmad**

NO	PAPER ID	PAPER TITLE	PRESENTER	TIME
1	EAW- ICASEAT2023: 047-025	Effect Of Tropical Weather Exposure on Tensile Properties of Bamboo Fibre Reinforced Recycled Polypropylene Composite	Siti Khadijah Che Osmi	11.30-11.45
2	EAW- ICASEAT2023: 004-095	Vehicle Detection Based on Improved Gaussian Mixture Model for Different Weather Conditions	Nor Afiqah Mohd Aris	11.45-12.00
3	EAW- ICASEAT2023: 071-049	Blood Glucose Time-Series Forecasting with Temporal Fusion Transformer for Type 1 Diabetes	Farhanahani Mahmud	12.00-12.15
4	EAW- ICASEAT2023: 036-026	A Parametric Study of Small-Scale Offshore Vertical Axis Wind Turbines: Unlocking Potential in Low Wind Profile Region	Norzaima Nordin	12.15-12.30
5	EAW- ICASEAT2023: 031-046	Fortifying Information System and Cybersecurity in Engineering Education: A Thematic Review	Ts. Dr. Irma Syarlina Che Ilias	12.30-12.45
6	EAW- ICASEAT2023: 032-012	Enhancement of Needleman-Wunsch Algorithm in Arabic Character Recognition for Automated Learning Quran Tajweed Application	Dr. Fatimah Noni Muhamad	12.45-13.00



# Room: Hibiscus

## Level: Mezzanine (M)

**Research Presentation Parallel**

**Session 3B**

**(02.30 pm – 04.15 pm)**

**Session Chair:**

**Dr. Fatimah Noni Muhamad**

NO	PAPER ID	PAPER TITLE	PRESENTER	TIME
1	ICLE2023: 010-006	The Perception of Malaysian Undergraduates Towards Bilingualism and Multilingualism in Language Learning	Nabila Abdul Malek	02.30-02.45
2	ICLE2023: 009-003	Enhancing Male Students' Soccer Skills, Motivation, and Learning Engagement through Short Video Techniques: A Study in a Jiangxi Province University	Kok Loang Ooi	02.45-03.00
3	ICLE2023: 013-007	Empowering Malaysian Academics: Crafting Online Learning Adaptation Guidelines	Alawiyah Abd Wahab	03.00-03.15
4	ICLE2023: 015-009	Blended Learning in Process Control Course for Undergraduate Students	Bashariah Kamaruddin	03.15-03.30
5	ICLE2023: 017-011	Readiness to Continue Online Learning Post Covid-19 Among Students of Politeknik Jeli Kelantan	Habsah Omar	03.30-03.45
6	WCBM2023: 020-006	Analysing Gender as Moderating Role in Modified UTAUT In Islamic Fintech Adoption Among Millennials: A Multigroup CFA Approach	Norafni @ Farlina Rahim	03.45-04.00
7	WCBM2023: 011-	The Effect of Online Communication Tools on Employee Performance of SME in Packaging Industry in Henan China	Liu Zixuan	04.00-04.15

# Room: Hibiscus

## Level: Mezzanine (M)

**Research Presentation Parallel**

**Session 4B**

**(04.15 pm – 05.45 pm)**

**Session Chair:**

**Mr. Ahmad Tajuddin Mohamad**

NO	PAPER ID	PAPER TITLE	PRESENTER	TIME
1	EAW- ICASEAT2023 : 011-003	Analysis Of Energy and Mass Transport Flow of Ethyleneglycol (C <sub>2</sub> h <sub>6</sub> o <sub>2</sub> ) Based Nanofluid over an Infinite Porous Plate	Charan Kumar Ganteda	04.15-04.30
2	EAW- ICASEAT2023 : 081-056	Using Multi-Objective Optimization Algorithms for Joint Request Offloading and Resource Scheduling in Mobile Edge Computing	Safaa Nouman Alali	04.30-04.45
3	EAW- ICASEAT2023 : 087-070	Investigation of the Influence of The Bulbous Bow on The Wake Field and Power Demand	Aladdin Ahmed	04.45-05.00
4	EAW- ICASEAT2023 : 088-072	Bibliometric Analysis of Publication Developments in The Field of Digital Illustration Drawing Technology In 2019-2023 With Vosviewer	Taswadi	05.00-05.15
5	EAW- ICASEAT2023 : 093-075	Voice Analysis for Detecting Artificial Speech and Predicting Gender and Age	Gyaneshwari Patil	05.15-05.30
6	EAW- ICASEAT2023 : 108-105	A Review of Game Mechanics and Game Interfaces for Virtual Reality Game	Mohamad Lutfi Dolhalit	05.30-05.45



# Room: Rafflesia

## Level: Mezzanine (M)

### Research Presentation Parallel

#### Session 1C

#### (10.00 am – 11.30 am)

#### Session Chair:

#### Dr. Arif Mandangan

NO	PAPER ID	PAPER TITLE	PRESENTER	TIME
1	EAW- ICASEAT2023: 101-083	Aligned Magnetohydrodynamics and Thermal Radiation Effects on Ternary Hybrid Nanofluids over Vertical Plate with Nanoparticles Shape Containing Gyrotactic Microorganisms	Dr. Fazillah Bosli	10.00-10.15
2	EAW- ICASEAT2023: 033-013	Comparison on Wavelet Adaptive Filter Performance in Denoising ECG Signal	Nur Izzani Mat Rozi	10.15-10.30
3	EAW- ICASEAT2023: 034-014	Hybrid Multilayer Perceptron Neural Network for Transformer Health Index Monitoring	Nazrul Fariq Makmor	10.30-10.45
4	EAW- ICASEAT2023: 105-104	Enhancement of Water Quality Parameters with Microplastics via Electrocoagulation	Norhafezah Kasmuri	10.45-11.00
5	EAW- ICASEAT2023: 076-060	Experimental Of Steel Plates Protected with Gypsum Boards Subjected to Explosion	Suriyadi Sojipto	11.00-11.15
6	EAW- ICASEAT2023: 082-064	On the Quarter-Sweep Newton-Ksor Iteration with Wave Variable Transformation to Solve the Forced Porous Medium Equation	Graygorry Brayone Ekal	11.15-11.30



# Room: Rafflesia

## Level: Mezzanine (M)

**Research Presentation Parallel**  
**Session 2C**  
**(11.30 am – 12.45 pm)**

**Session Chair:**  
**Dr. Fazillah Bosli**

NO	PAPER ID	PAPER TITLE	PRESENTER	TIME
1	EAW-ICASEAT2023: 098-079	Application of response surface methodology (RSM) for optimizing the Food Grade Bio Lubricant	Nurul Nadiah Mohd Kamaldin	11.30-11.45
2	EAW-ICASEAT2023: 095-076	A Comprehensive Systematic Review: Sleep Strategy on Microcontroller for Power Management	Siti Maryam Zainol	11.45-12.00
3	EAW-ICASEAT2023: 107-091	Flexural Strength of Hybrid Steel-Coir Rope Fiber Reinforced Concrete	Shahrizan Baharom	12.00-12.15
4	EAW-ICASEAT2023: 110-096	A New Countermeasure to Combat Embedding-Based Attacks on the Goldreich-Goldwasser-Halevi Lattice-Based Cryptosystem	Dr. Arif Mandangan	12.15-12.30
5	EAW-ICASEAT2023: 056-027	User Acceptance of Digital Healthcare Services Among Senior Citizens in Selangor: A Study on Selangkah Application	Dr. Amina Syarfina Abu Bakar	12.30-12.45

# Room: Rafflesia

## Level: Mezzanine (M)

### Research Presentation Parallel

#### Session 3C

(02.30 pm – 04.00 pm)

#### Session Chair:

**Dr. Amina Syarfina Abu Bakar**

NO	PAPER ID	PAPER TITLE	PRESENTER	TIME
1	EAW- ICASEAT2023: 055-051	Peat Soil Classification Study: A Short Review on Classification Method and its Preliminary Work	Nurul Zuhairah Mahmud Zuhudi	02.30-02.45
2	EAW- ICASEAT2023: 111-099	Examining Young Adults' Willingness to Adopt Virtual Reality for Real Estate Purchases	Cheong Soon Nyeen	02.45-03.00
3	ID EAW- ICASEAT2023: 070-043	Ageing Effects on the Properties of Radiation Cross-Linked PVC Cable	Norazrina Mat Jali	03.00-03.15
4	EAW- ICASEAT2023: 106-093	Effect of Crumb Rubber on The Performance of Fly Ash-Based Glass Fibrous Concrete Exposed to Elevated Temperature	Muhamma d Khairuddin Zulkifli	03.15-03.30
5	EAW- ICASEAT2023: 048-020	Adaptive Hybrid Reduced Differential Transform Method in Solving Nonlinear Schrodinger Equations	Abdul Rahman Farhan Sabdin	03.30-03.45
6	EAW- ICASEAT2023: 057-074	Detecting Warping and Stringing in FDM through Deep Learning	Safwan Hisham	03.45-04.00



# Room: Rafflesia

## Level: Mezzanine (M)

**Research Presentation Parallel  
Session 4C  
(04.00 pm – 05.00 pm)**

**Session Chair:  
Ts. Dr. Wan Mohd. Arif Aziz Japar**

### Google Meet joining info

Video call link:

<https://meet.google.com/exb-eezv-shg>

NO	PAPER ID	PAPER TITLE	PRESENTER	TIME
1	EAW- ICASEAT2023 : 066-039 (Online)	Processing Parameter Optimization of Vacuum Bagging Preforming in Oven Cure for Tensile Strength in Glass Epoxy Composite Laminate	Nur Hafzareen Md Hanafiah	04.00-04.15
2	EAW- ICASEAT2023 : 078-058 (Online)	Review on NLP-based Preprocessing Techniques for Heterogeneous Textual Data	Ganesh Kumar	04.15-04.30
3	EAW- ICASEAT2023 : 091-097 (Online)	Enhancing Manufacturing Efficiency at Telkom University: Advanced Automation of Bucket Conveyor and Hammer Mill Machine with PLC and HMI Through the Waterfall Method	Agus Kusnayat	04.30-04.45
4	WCBM2023: 012-003 (Online)	Leadership Styles, Emotional Intelligence and Personality Traits of Muslim Women Academic Heads of the Mindanao State University and Their Correlation with Organizational Performance	Amerah B. Guro	04.45-05.00



# INCOMING EVENT

**3<sup>rd</sup>-EAW-ICASEAT2024**

Theme: Workshop & Conference

Date: 6<sup>th</sup> February 2024

Location: Noble Resort Hotel, Melaka, Malaysia



For Registration

**SCAN ME**



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