



**Strengthening Partnership
through Multidisciplinary Research Dissemination of Best Practice in Disruptive Era**

**Swiss-belHOTEL INTERNATIONAL Tarakan
Kalimantan Utara, Indonesia**

October 20th-22nd, 2023

Day/ Date : Friday/ October 20th, 2022
 Online Session : <https://s.id/iCAST2023>
 Meeting ID : 824 349 4136
 Passcode : icast2023



Conference Program

MAIN ROOM – Online Session
 Host : Tri Haryo, S.Pd.,M.Pd.
 Co-host : Haedar, S.Pd.

Day 1
Friday/ October 20th, 2022

No	Day/ date	Time	Agenda	Resource Persons	Moderators/ PIC
Opening Ceremony					
1.	Fri/ Oct 20 th 2023	07.00 AM – 08.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Registration and Participant Check-In	OC	Santiana, SS.,M.Pd.
2.			Creative Dance Performance	UKM Seni PNN	
3.			Opening	OC	
4.			Indonesia Raya anthem	OC	
5.			Praying	OC	
6.			08.30 AM – 10.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Welcoming Address	
7.		Director of PNN (Arkas Viddy, Ph.D)			
8.		Major of Tarakan (dr. Khairul, M.Kes)			
9.		Chair of ISAS (Prof. Dr. Adrianus Amheka, S.T, M.Eng.)			
10.		Chair of State Polytechnic Directors Forum of Indonesia			

				(Dr. Ing. Ahmad Taqwa, MT)	
11.				Directorate General of Vocational Education (Dr. Ir. Kiki Yuliati, M.Sc.) - <i>in confirmation</i>	
12.			Official Welcome and Opening Remarks	Governor of North Kalimantan (Drs. H. Zainal Arifin Paliwang, S.H.,M.Hum.)	
13.			Inauguration of North Kalimantan Vocational Education and Training Regional Revitalization Coordination Team/ <i>Tim Koordinasi Revitalisasi Daerah Pendidikan dan Pelatihan Vokasi (TKDV) Kalimantan Utara</i>	Governor of North Kalimantan (Drs. H. Zainal Arifin Paliwang, S.H.,M.Hum.)	
14.			MoU Signing Ceremony	OC	
15.			Photo Session	OC	
16.			Closing	OC	
17.	Fri/ Oct 20 th 2023	10.00 AM – 10.45 AM (WITA UTC +8.00 Singapore Time)	KS 1	Luis Miguel Oliveira de Barros Cardoso, Ph.D (Physical Session) <i>The Polytechnic Institute of Portalegre, Portugal</i>	Santiana, SS.,M.Pd.
18.	Fri/ Oct 20 th 2023	10.45 AM – 12.00 AM (WITA UTC +8.00 Singapore Time)	Parallel Session Room: 1	BOR (1-10): Online session ROOM (1-5): Physical Session	OC, Session Panel & ICEE
19.	Fri/ Oct 20 th 2023	12.00 AM – 01.30 PM (WITA UTC +8.00 Singapore Time)	Jumu'ah Prayer – Lunch Break	OC	OC
20.				BOR 1: Online Session	
21.	Fri/ Oct 20 th 2023	01.30 AM – 02.00 PM (WITA UTC +8.00 Singapore Time)	KS 2	Dr. Souvik Ganguli (Online session) <i>The Department of Electrical and Instrumentation Engineering, Thapar Institute of Engineering and Technology, Punjab, India</i>	OC

		11.00 AM – 11.30 AM (IST/ India)				
22.				BOR 2: Online Session		
23.	Fri/ Oct 20 th 2023	01.30 AM – 02.00 PM (WITA UTC +8.00 Singapore Time) 08.30 AM – 09.00 AM (Egypt)	KS 3	Dr. Ahmed A. Elngar – (Online session) <i>Assistant Professor College of Computer Information Technology American University in the Emirates (AUE), Emirates Faculty of Computers & Artificial Intelligence Beni-Suef University, Beni Suef City, Egypt</i>	OC	
24.				BOR 3: Online Session		
25.	Fri/ Oct 20 th 2023	01.30 AM – 02.00 PM (WITA UTC +8.00 Singapore Time) 07.30 AM – 08.00 AM (Poland)	KS 4	Dr. Eng. Zdzislaw Polkowski (Online session) <i>Jan Wyzykowski University, Wroclaw University of Economics and Business, Poland</i>	OC	
26.				BOR 4: Online Session		
27.	Fri/ Oct 20 th 2023	01.30 AM – 02.00 PM (WITA UTC +8.00 Singapore Time) 08.30 AM – 09.00 AM (Egypt)	KS 5	Neyara Radwan, PhD (Online Session) <i>Associate Professor, Industrial Engineering Dept., College of Applied Sciences, Al Maarefa University, Saudi Arabia & Suez Canal University, Egypt</i>	OC	
28.				BOR 5: Online Session		
29.	Fri/ Oct 20 th 2023	01.30 AM – 02.00 PM (WITA UTC +8.00 Singapore Time) 08.30 AM – 09.00 AM (Egypt)	KS 6	Ahmed J. Obaid, Ph.D (Physical Session) <i>The Department of Computer Science, Faculty of Computer Science and Mathematics, University of Kufa, Iraq</i>	OC	
30.				BOR 6: Online Session		
31.	Fri/ Oct 20 th 2023	01.30 AM – 02.00 PM (WITA UTC +8.00 Singapore Time)	KS 7	Associate Professor. Dr. Gül ERKOL BAYRAM <i>Sinop University, School of Tourism and Hotel Management, Department of Tour Guiding</i>	OC	

		08.30 AM – 09.00 AM (Turkiye)			
32.	Fri/ Oct 20 th 2023	02.00 PM – 04.00 PM (WITA UTC +8.00 Singapore Time)	Parallel Session Room: 2	BOR (1-10): Online session ROOM (1-5): Physical Session	OC, Session Panel & ICEE
33.	Fri/ Oct 20 th 2023	04.00 PM – 05.30 PM (WITA UTC +8.00 Singapore Time)	Closing Ceremony	OC	Santiana, SS.,M.Pd. (Universitas Siliwangi)
34.			Creative Dance Performance	UKM Seni PNN	
35.			The Best Presenter and The Best Paper Announcement of ICAST 2023	OC	
36.			Closing speech from Director of Politeknik Negeri Nunukan (PNN) and Director of the next host of iCAST 7 th .	Arkas Viddy, Ph.D	

Day 2
Saturday/ October 21ST, 2022

No	Day/ date	Time	Agenda	Resource Persons	Moderators/ PIC
Day 2					
1.	Saturday/ Oct 21 st 2023	08.00 AM – 09.00 AM (WITA UTC +8.00 Singapore Time)	Registration and Participant Check-In	OC	OC
2.		09.00 AM – Finish (WITA UTC +8.00 Singapore Time)	City Tour	OC	OC

Converted Time:

https://time.is/compare/1330_20_Oct_2023_in_Singapore/India/Egypt/Poland/Saudi_Arabia

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Conference Program: Parallel Session Room

Moderator : Farhan Rizali Silawane (Politeknik Negeri Nunukan)
Panel Chair Session : Dr. Abd. Ghofur, M.Pd. (IAIN Madura)

BOR 1 – Online Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 1					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM (WITA UTC +8.00 Singapore Time)	Energy Saving Application with Operational Automation for Tourism Accommodation Utilities	I Gusti Agung Bagus Wirajati	
2.		11.00 AM – 11.15 AM (WITA UTC +8.00 Singapore Time)	Manufacture of solar home system portable for lighting tancap chart with a capacity of 200wp for traditional fishing group Tuak Sabu Lasiana	Maria D. Badjowawo	
3.		11.15 AM – 11.30 AM (WITA UTC +8.00 Singapore Time)	Monitoring System for Autonomous Underwater Vehicles with IDEA Algorithm	Nanang Syahroni	
4.		11.30 AM – 11.45 AM (WITA UTC +8.00 Singapore Time)	Design and Build a Wireless Network Using a Voucher System with an OS Router	Alfrets Septy Wauran	

5.		11.45 AM – 12.00 PM (WITA UTC +8.00 Singapore Time)	Design of Biofouling Level Classification System Using Haar-Cascade Classifier and Local Binary Pattern Histogram	Yuning Widiarti	
6.		02.00 PM – 02.15 PM (WITA UTC +8.00 Singapore Time)	Development Of Information Technology Based Hospital Accounting Learning Tools Through System Implementation Hotel Financial Statement Preparation Application In The Framework Of Realizing Green Accounting	AYU DWI YULIANTHI	
7.		02.15 PM – 02.30 PM (WITA UTC +8.00 Singapore Time)	Transformation Depok City Logo In Batik Motif application (Case study of Batik Tradjumas Depok)	Pratiwi Kusumowardhani	
8.		02.30 PM – 02.45 PM (WITA UTC +8.00 Singapore Time)	Strength Analysis Based On SNI 1726-2019 And The Performance of Building Structure Based on ATC-40 with Pushover Analysis Method (Case Study: Laboratory Building of Fakultas Kedokteran UNIMUS Semarang)	Supriyo	
9.		02.45 PM – 03.00 PM (WITA UTC +8.00 Singapore Time)	Ecompact Concrete as an Alternative to Quality Green Concrete by Utilizing Grashka Waste	Aiun Hayatu Rabinah	
10.		03.00 PM – 03.15 PM (WITA UTC +8.00 Singapore Time)	Internet of Thing for Smart Campus: A Systematic Literature Review	Beri Noviansyah	

11.		03.15 PM – 03.30 PM (WITA UTC +8.00 Singapore Time)	Electropneumatic Systems Modification Analysis for Automatic Weighing with Cosmetics Industry Study Case	Abdul Syukur Alfauzi	
12.		03.30 PM – 03.45 PM (WITA UTC +8.00 Singapore Time)	Design and Analysis of Autoloader Equipment to Assist the Loading Process of Polypropylene Plastic Seeds in the Injection Molding Machine: Study Case	Eko Saputra	
13.		03.45 PM – 04.00 PM (WITA UTC +8.00 Singapore Time)	<i>Detection System of Cattle Foot and Mouth Disease (FMD) using Deep Learning</i>	Mochammad Hadi	

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Conference Program: Parallel Session Room

Moderator : Nuraeni (Politeknik Negeri Nunukan)
Panel Chair Session : Fatmawati, S.Pd.I.,M.Pd (Akademi Keperawatan Kesdam Iskandar Muda Lhokseumawe)

BOR 2 – Online Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 2					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Performance Evaluation of Bottle Press Machine MQTT Data Acquisition	Heru Wijanarko	
2.		11.00 AM – 11.15 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Distillation of Essential Oils from the Leaves and Stems of Citronella (Cymbopogon Winterianus) Utilizing a Solar Energy-Based Steam Distillation Unit with a Photovoltaic Method	Elwina	
3.		11.15 AM – 11.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Implementation Of Response Surface Method To Minimize Product Defects On Wax Pattern Injection Process Parameters	Farizi Rachman	

4.	11.30 AM – 11.45 AM (WITA UTC +8.00 Singapore Time)	Performance Analysis Of Car Cooling System Based On Variation Of Expansion Valve	Jufra Daud Johanis Abanat	
5.	11.45 AM – 12.00 PM (WITA UTC +8.00 Singapore Time)	The Concept of Islamic Smart City in Urban Regional Planning in Sinjai Regency	Risma Niswati Tarman	
6.	12.00 AM – 12.15 PM (WITA UTC +8.00 Singapore Time)	Prototype Design of Project Based Learning Technopreneurship Tenant Business Performance Assessment Platform	Danis Maulana	
7.	02.00 PM – 02.15 PM (WITA UTC +8.00 Singapore Time)	Analysis of Income and Expenditures for Land Water Spinach Farming in Fakfak District, West Papua	Arga Ramadhana	
8.	02.15 PM – 02.30 PM (WITA UTC +8.00 Singapore Time)	Design of Learning E-Modules	Kristin Wulansari	
9.	02.30 PM – 02.45 PM (WITA UTC +8.00 Singapore Time)	Physical and Chemical Characteristics of Compost from Pterocarpus indicus Using Banana Hump Local Microorgansim, Eisenia foetida and Eudrilus eugeniae Earthworms	Vivin Setiani, ST.,M.Eng	
10.	02.45 PM – 03.00 PM (WITA UTC +8.00 Singapore Time)	Groundwater Seepage Modeling in the Basement of Building X and its Handling	Garup Lambang Goro	
11.	03.00 PM – 03.15 PM (WITA UTC +8.00 Singapore Time)	Meeting Point Recommendation System Using Collaborative Filtering Method	Himma Filangga Sutopo	
12.	03.15 PM – 03.30 PM (WITA UTC +8.00 Singapore Time)	Modification MVC Architecture in PHP using Basedata Service Display Pattern	Mohammad Robihul Mufid	

13.		03.30 PM – 03.45 PM (WITA UTC +8.00 Singapore Time)	Measurement Analysis For Multi Shared Key (MSK) Based Star Topology in Various Static Environments	Mike Yuliana	
14.		03.45 PM – 04.00 PM (WITA UTC +8.00 Singapore Time)	Comparative Analysis of Buck- Boost Converter with Sepic Converter for Optimization of Wind Power Plant Output Voltage	Anggara Trisna Nugraha	

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Conference Program: Parallel Session Room

Moderator : Rani Prily Aprilia (Politeknik Negeri Nunukan)
Panel Chair Session : Dr. Muthmainnah, M.Pd. (Universitas Al-Asyariah Mandar)

BOR 3 – Online Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 3					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	The Analysis of Consumers Perceptions towards the Creative Economy: Product, Price, Place/Distribution and Promotion Aspects	Tri Handayani
2.		11.00 AM – 11.15 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Strength Analysis of Navigation Board Structure on Fast Ferry Vessels Using Finite Element Method	Budianto	
3.		11.15 AM – 11.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	The Influence of Writing and Events in News Headlines on the Choices of Graphic and Publishing Engineering Students in Reading News Content	Fani Nur Jannah	

4.		11.30 AM – 11.45 AM (WITA UTC +8.00 Singapore Time)	Technology, Organizational, and Environmental Analysis of Social Media Adoption for MSME's in Cilacap District, Indonesia	Ardian Widiarto	
5.		11.45 AM – 12.00 PM (WITA UTC +8.00 Singapore Time)	Implementation of IoT Platform Analytics for Monitoring Coastal Water Conditions	M. Udin Harun Al Rasyid	
6.		02.00 PM – 02.15 PM (WITA UTC +8.00 Singapore Time)	Methods of using cross flow model fins on water wheels on the rotating power of the shaft at low flow discharges with variations in the number of wheels as electric generator drive pico hydro power plant	Suliono	
7.		02.15 PM – 02.30 PM (WITA UTC +8.00 Singapore Time)	Analysis of the Effect of Price, Service Quality, and Product Quality on Purchasing Decisions at Salasa Namudat Street Hawker Centers in Fakfak	Deisya Maulida Al Hamid	
8.		02.30 PM – 02.45 PM (WITA UTC +8.00 Singapore Time)	Perception of Sustainable Tourism Reviewed From Law No10 Of 2009 Regarding Tourism case Study Tablolong Beach Tourism	Elsa Dian Taimenas	
9.		02.45 PM – 03.00 PM (WITA UTC +8.00 Singapore Time)	Performance Study Of 2 Pk Split AC Through Variation Of Capillary Tube For 0.070 Inch And 0.080 Inch Diameter With R22 And R290 Refrigerants	Jhon Arnoldos Wabang	
10.		03.00 PM – 03.15 PM (WITA UTC +8.00 Singapore Time)	Revolutionizing Electric Vehicle Charging: The Interleaved Buck Converter Approach	Fifi Hesty Sholihah	

11.		03.15 PM – 03.30 PM (WITA UTC +8.00 Singapore Time)	Development Of Digital Squeeze Frame As Creative Media Advertisement For Metaverse	Novita Astin	
12.		03.30 PM – 03.45 PM (WITA UTC +8.00 Singapore Time)	Design and Build a Traffic Light Automation System for Ambulance Vehicles in Traffic Light Paal II	Stephy B. Walukow	
13.		03.45 PM – 04.00 PM (WITA UTC +8.00 Singapore Time)	Development of IoT Based Monitoring of Anaerobic Biogas Production	Rif'ah Amalia	

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Conference Program: Parallel Session Room

Moderator : Nurul Adillah Citra (Politeknik Negeri Nunukan)
Panel Chair Session : Trie Nadilla, M.Si.,Ak.,CA.,CAPF (IAIN Lhokseumawe)

BOR 4 – Online Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 4					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Embedded System Technology in Cardiotography (CTG) Devices for Monitoring Fetal Heart Rate (FHR): A Review	Subono Subono	
2.		11.00 AM – 11.15 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Road Shoulder Classification Using The CNN Algorithm with The MobileNetV2 Model	Haniah Mahmudah	
3.		11.15 AM – 11.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	VGGNet-16 Convolutional Neural Network for Classification Of Stroke Based On CT Scan Images	Nur Sakinah	
4.		11.30 AM – 11.45 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Development of Internal Quality Assurance System Document to Support Good Practices in RPL	Ni Ketut Bagiastuti, Sh.,M.H	

			Implementation at Politeknik Negeri Bali		
5.		11.45 AM – 12.00 PM (WITA UTC +8.00 Singapore Time)	Trajectory Tracking Control Of Three Wheeled Omnidirectional Mobile Robot Using Proportional Controller	Nur Jamiludin Ramadhan	
6.		02.00 PM – 02.15 PM (WITA UTC +8.00 Singapore Time)	On-Site Testing A Prototype Solar Drying Cabinet Utilising Calcium Chloride as Dehumidifier	I Dewa Gede Agus Tri Putra	
7.		02.15 PM – 02.30 PM (WITA UTC +8.00 Singapore Time)	Fraud Analysis of Financial Statements Using the Fraud Diamond Theory Perspective Based on ATLAS (An Empirical Study on LPDs in Jembrana)	Drs.Ec. Ida Bagus Anom Yasa, MM., Ak	
8.		02.30 PM – 02.45 PM (WITA UTC +8.00 Singapore Time)	Comparison analysis of interest in using gopay and ovo as digital payment financial technology to increasing culinary MSMEs sales in bandung city	Arif Afriady	
9.		02.45 PM – 03.00 PM (WITA UTC +8.00 Singapore Time)	A Framework Regarding the Drivers and Obstacles to the Development of Craft SME Product Innovation using QSPM analysis	Etwin Fibriane Soeprpto	
10.		03.00 PM – 03.15 PM (WITA UTC +8.00 Singapore Time)	Analysis of Characteristics Electrical Conversion Motor (BBM to Electricity) using an automatic cooling system	Ahmad Hamim	
11.		03.15 PM – 03.30 PM (WITA UTC +8.00 Singapore Time)	Development of Hydraulic-Based Equipment for Candlenut Oil Extraction: Design and Implementation	I P G Sopan Rahtika	

12.		03.30 PM – 03.45 PM (WITA UTC +8.00 Singapore Time)	Enhancing Employee Quality through Objective Evaluation: A Delphi-AHP Approach for Selecting Best Employees at McEasy Company	Rosiyah Faradisa	
13.		03.45 PM – 04.00 PM (WITA UTC +8.00 Singapore Time)	Performance Of Prefabricated Vertical Drain Using Triangular Pattern For Soft Soil On Sigli Banda Aceh Toll Road	Liliwarti	

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Conference Program: Parallel Session Room

Moderator : Demselius.K. (Politeknik Negeri Nunukan)
Panel Chair Session : Abdul Wafi, M.Pd. (IAIN Madura)

BOR 5 – Online Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 5					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	velopment of Manikin Beach as Eco-Friendly Tourism Destination in Kupang Regency	Rulli A. Saragi	
2.		11.00 AM – 11.15 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Online Application of Descriptive Statistic for Data Concentration Analysis	I Gusti Agung Sadnyana Putra	
3.		11.15 AM – 11.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	BERTopic And NER Stop words For Topic Modeling On Agricultural Instructional Sentences	Trisna Gelar Abdillah	
4.		11.30 AM – 11.45 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Analysis of Data Communication and Soil Moisture and pH Sensors in Soil Monitoring System using LoRa Technology:	Mina Naidah GANI	

			Performance Evaluation and Distance Measurement		
5.		11.45 AM – 12.00 PM (WITA UTC +8.00 Singapore Time)	Design of a Fire Suppression System with Gas Clean Agent Halocarbon HCFC Blend A Fire Extinguishing Media in the Ship's Engine Room	Nada Fitria Hisanah	
6.		12.00 PM – 12.15 PM (WITA UTC +8.00 Singapore Time)	Expert System For Diagnosing Diseases In Rice Plants	Zaroh Khoerunisa	
7.		02.00 PM – 02.15 PM (WITA UTC +8.00 Singapore Time)	Use Of Biodiesel B35 In Direct Injection Diesel Engine With Load Variation	Aris Palinggi	
8.		02.15 PM – 02.30 PM (WITA UTC +8.00 Singapore Time)	Experimental and theoretical analysis of the airlift pump-nozzel jet bubble generator performance for aquaculture applications	I Gusti Ngurah Bagus Catrawedarma	
9.		02.30 PM – 02.45 PM (WITA UTC +8.00 Singapore Time)	Strategy Of Presenting Balinese Local Food As A Signature Dish At 5 Star Hotel In Ubud Bali	Made Suardani	
10.		02.45 PM – 03.00 PM (WITA UTC +8.00 Singapore Time)	Blockchain-Based Long-Term Multisignature	Aprianti Nanda Sari	
11.		03.00 PM – 03.15 PM (WITA UTC +8.00 Singapore Time)	Post-Processor Development For 5 Axis DMG 50U Milling Machine Using Siemens NX 12 Software	Mohammad Yazid Diratama	
12.		03.15 PM – 03.30 PM (WITA UTC +8.00 Singapore Time)	A Review Geospatial Artificial Intelligence (Geo-AI): Implementation of Machine Learning on Urban Planning	Cholid Fauzi	

13.		03.30 PM – 03.45 PM (WITA UTC +8.00 Singapore Time)	Construction of an Automatic Hydroponic Nutrient Control System Based on Arduino Uno	Fauzan Amri	
14.		03.45 PM – 04.00 PM (WITA UTC +8.00 Singapore Time)	Designing of Japanese Language Learning Media Using Virtual Reality Technology	Indika Ade Pramesti	

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Conference Program: Parallel Session Room

Moderator : Mely Herlina Isnawati (Politeknik Negeri Nunukan)
Panel Chair Session : Dr. Nurul Fadhillah, M.Hum. (IAIN Lhokseumawe)

BOR 6 – Online Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 6					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Analysis Graph-Based Data Model for Simple Search Application Using NER Data, Analysis Ontology-Based Simple Closed Domains Question-Answer Application	Ade Hodijah	
2.		11.00 AM – 11.15 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Design and Performance Analysis of Microstrip Antenna using Flexible Material for 915 MHz LoRa Frequency	Nurista Wahyu Kirana	
3.		11.15 AM – 11.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Forest and Land Fire Mapping in South Kalimantan Bumbu Regency using Geographic Information System Application	Adelia Juli Kardika	

4.		11.30 AM – 11.45 AM (WITA UTC +8.00 Singapore Time)	Effectiveness of Cotton Spinning Machines for Yarn Craftsmen	I Made Anom Adiaksa	
5.		11.45 AM – 12.00 PM (WITA UTC +8.00 Singapore Time)	The Effectiveness of Using CVT in 2WD Buggy Vehicles	I Putu Darmawa	
6.		02.00 PM – 02.15 PM (WITA UTC +8.00 Singapore Time)	STRATEGY FOR DEVELOPING RELIGIOUS TOURISM ATTRACTION JESUS MARY OEBELO PILGRIMAGE PARK KUPANG DISTRICT	Agustino Lukas Fischer Conterius	
7.		02.15 PM – 02.30 PM (WITA UTC +8.00 Singapore Time)	Effectiveness of TOEIC-Based English Correspondence Learning Model toward Students' English Competency	I Made Sumartana	
8.		02.30 PM – 02.45 PM (WITA UTC +8.00 Singapore Time)	Forest and Land Fire Mapping in South Kalimantan Bumbu Regency using Geographic Information System Application	buletin Poltanesa	
9.		02.45 PM – 03.00 PM (WITA UTC +8.00 Singapore Time)	Heat Transfer Enhancement via Flow Optimization in The Heat Exchanger	Putu Wijaya Sunu	
10.		03.00 PM – 03.15 PM (WITA UTC +8.00 Singapore Time)	The effect of Green Service Delivery and Green Service Support on Green Loyalty mediated by Green Satisfaction in Travel Agent services	I Made Budiasa	
11.		03.15 PM – 03.30 PM (WITA UTC +8.00 Singapore Time)	8 Steps Power Factor Correction Automation for 2200VA Single Phase Household	Eriko Arvin Karuniawan	

12.		03.30 PM – 03.45 PM (WITA UTC +8.00 Singapore Time)	Memes On Digital Banking and Brand Reputation	Fakhri Ariansyah Putra	
13.		03.45 PM – 04.00 PM (WITA UTC +8.00 Singapore Time)	Efficiency of the Weaving Tie MSME Production Process for Implementing Green Economy in Kupang	Clara Margilina Reinamah	

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Conference Program: Parallel Session Room

Moderator : Misdayanti (Politeknik Negeri Nunukan)
Panel Chair Session : Almira Keumala Ulfah, M. Si., Ak., CA (IAIN Lhokseumawe)

BOR 7 – Online Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 7					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Analysis of Stunting Spread in Mentawai Islands Regency Using K-Means Clustering Method	Andrew Kurniawan Vadreas	
2.		11.00 AM – 11.15 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Experimental Study of Multistage Rotor in Gravitational Water Vortex Turbine System with Various Gap Placement Positions and Blade Phase-Shift Angles	Muhammad Luthfi	
3.		11.15 AM – 11.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	The Analysis of Variations in Peak Time Values With Disturbance on DC Motors Using Robust Tracking Control	Devi Handaya	
4.		11.30 AM – 11.45 AM		Zainal Abidin	

		(WITA UTC +8.00 Singapore Time)			
5.		11.45 AM – 12.00 PM (WITA UTC +8.00 Singapore Time)	Financial Analysis of Oil Palm, Rubber and Tengkwang Community Forest Cultivation Models in West Kalimantan	Budi Winarni	
6.		02.00 PM – 02.15 PM (WITA UTC +8.00 Singapore Time)	Prediction of PV Power Output and Battery Charging Conditions on OFF Grid Systems MicroHydro Pantai Bantul Yogyakarta Using Rule- Based Algorithm	Norma Mahmudah	
7.		02.15 PM – 02.30 PM (WITA UTC +8.00 Singapore Time)	PRECAST CONCRETE SLAB OF LIGHTWEIGHT BRICK	Ir. Pratikto S.T.,M.Si	
8.		02.30 PM – 02.45 PM (WITA UTC +8.00 Singapore Time)	Development of Website- Based Calibration for Paddy Monitoring System	Adi Suheryadi	
9.		02.45 PM – 03.00 PM (WITA UTC +8.00 Singapore Time)	Zoning Planning Concept And Parking Idea At Manado State Polytechnic Campus	Dwars Soukotta	
10.		03.00 PM – 03.15 PM (WITA UTC +8.00 Singapore Time)	Design of Marketing Digital for SMEs Amplang Samarinda Based on Android Mobile Application	amiril azizah	
11.		03.15 PM – 03.30 PM (WITA UTC +8.00 Singapore Time)	Preliminary Testing Of Coarse Aggregate, Fine Aggregate, And Palm Kernel Shell Waste Characteristics In Sustainable Construction	firmanilah kamil	
12.		03.30 PM – 03.45 PM (WITA UTC +8.00 Singapore Time)	Explanation Of Collaboration Models for Sustainable Tourism Village Governance in Banjarangkan District Klungkung Regency	I Komang Mahayana Putra	

13.		03.45 PM – 04.00 PM <i>(WITA UTC +8.00 Singapore Time)</i>	Detection System of Cattle Foot and Mouth Disease (FMD) using Deep Learning	Mochammad Zen Samsono Hadi	
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Day/ Date : Friday/ October 20th, 2023
Online Session : <https://s.id/iCAST2023>
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Conference Program: Parallel Session Room

Moderator : Nurul Fitriani Syahwani
Panel Chair Session : Santiana, S.S., M.Pd. (Universitas Siliwangi)

BOR 8 – Online Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 8					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Design of Doyo Leaf Softener Machine	Dwi Cahyadi	
2.		11.00 AM – 11.15 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Design and Implement a Smart Conveyor System for Sorting Eggs Based On Quality and Weight	Afandi Nur Aziz Thohari	
3.		11.15 AM – 11.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Classification of Pupil Turbidity Based On Convolutional Neural Network (CNN) As An Early Detection of Cataract Step Using A Smartphone	Dewi Mutiara Sari	
4.		11.30 AM – 11.45 AM <i>(WITA UTC +8.00 Singapore Time)</i>	The Role of Recall-Retrieval Practice in Improving students' English Elaborating Answer	Rahmawati Fitriana	

5.		11.45 AM – 12.00 PM (WITA UTC +8.00 Singapore Time)	Analysis of Integrated Clean Water Supply System In Karangasem Regency	I Gusti Ianang Made Parwita,ST,MT	
6.		02.00 PM – 02.15 PM (WITA UTC +8.00 Singapore Time)	The Role of the Indonesian Tour Guide Association in Minimizing the Presence of Illegal Tour Guides to Support Super Priority Tourism Destinations in Labuan Bajo, East Nusa Tenggara Province	I Wayan Adi Putra Ariawan	
7.		02.15 PM – 02.30 PM (WITA UTC +8.00 Singapore Time)	'Revealing Misogyny in the Digital Feminist Era as Violence Against Women in Radical Feminist Studies'	Vinita Susanti	
8.		02.30 PM – 02.45 PM (WITA UTC +8.00 Singapore Time)	Enhancing Student's English Achievement through English Materials Development in the Form of Learning Management System (LMS)	I Putu Krisna Arta Widana	
9.		02.45 PM – 03.00 PM (WITA UTC +8.00 Singapore Time)	Conceptual Design of Coconut Haustorium (Cocos nucifera) Simplicia Dryer Integrated with Solar Power Plant	Stieven Netanel Rumokoy	
10.		03.00 PM – 03.15 PM (WITA UTC +8.00 Singapore Time)	Evaluation of Life-Cycle Benefits of Zero-Runoff Campus Initiatives NAD Improving Sustainable Urban Drainage Systems through Topography-Based Design	Ratih Indri Hapsari	
11.		03.15 PM – 03.30 PM (WITA UTC +8.00 Singapore Time)	Implementation of QRIS Merchant Acquisition Services In Microfinance Institutions as a Liquidity Tool	I G P Fajar Pranadi Sudhana	
12.		03.30 PM – 03.45 PM	Comparative Analysis of Buck-Boost Converter with Sepic	Anggara Trisna Nugraha	

		<i>(WITA UTC +8.00 Singapore Time)</i>	Converter for Optimization of Wind Power Plant Output Voltage		
13.		03.45 PM – 04.00 PM <i>(WITA UTC +8.00 Singapore Time)</i>	Development of IoT Based Monitoring of Anaerobic Biogas Production	Rifah Amalia	

Day/ Date : Friday/ October 20th, 2023
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Conference Program: Parallel Session Room

Moderator : Elsa (Politeknik Negeri Nunukan)
Panel Chair Session : Dr. Eka Apriani, M.Pd. (IAIN Curup)

BOR 9 – Online Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 9					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	The influence of city branding on tourism business through city image as a moderating variable	Imelda Regina Pellokila	
2.		11.00 AM – 11.15 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Strengthening the BUM Des Giri Artha Unit Business to Support Tourism in Sidemen Village, Karangasem, Bali	Putu Adi Suprpto	
3.		11.15 AM – 11.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Design A Mango Puree Dryer Machine Capacity 5 Kg / Day Using A Hot Air Furnace System	Ahmad Maulana Kartika	
4.		11.30 AM – 11.45 AM <i>(WITA UTC +8.00 Singapore Time)</i>	IoT based Credit Payment Management (MCP) Monitoring System for the Caterpillar 305.5E2 Excavator	Prihadi Murdiyati	

5.		11.45 AM – 12.00 PM (WITA UTC +8.00 Singapore Time)	Towards The Harmonization Of Technology And Humans In Supporting Green Ethics At Higher Vocational Education	I Gusti Ketut Gede	
6.		02.00 PM – 02.15 PM (WITA UTC +8.00 Singapore Time)	The Effectiveness Of The Stad Learning Model On Students' Concept Understanding And Critical Thinking Skills In Pancasila Lectures Of Affirmation Students'	Ni Luh Ayu Kartika Yuniastari Sarja	
7.		02.15 PM – 02.30 PM (WITA UTC +8.00 Singapore Time)	Condition Monitoring for Induction Motor using Wireless Vibration Monitoring System	saifudin usman	
8.		02.30 PM – 02.45 PM (WITA UTC +8.00 Singapore Time)	Analysis of Digital Media Literacy Among Tourism Stakeholder in The Coastal Area of Kupang City	Ariance Ana Lasibey	
9.		02.45 PM – 03.00 PM (WITA UTC +8.00 Singapore Time)	Penerapan Prosedur Operasional Standar Departemen Makanan dan Minuman Bagi Mahasiswa Magang di Hotel Sotis Kupang	Christina Mariana Mantolas	
10.		03.00 PM – 03.15 PM (WITA UTC +8.00 Singapore Time)	The Impact of Using Digital Simulation Games in Improving Students' Financial Literacy, Attitude, and Behaviour	I Gede Iwan Suryadi	
11.		03.15 PM – 03.30 PM (WITA UTC +8.00 Singapore Time)	Design and Build of Solar PV Cooling System based on Thermoelectric Cooling for Increasing Power Output and efficiency	I Kadek Ervan Hadi Wiryanta	
12.		03.30 PM – 03.45 PM (WITA UTC +8.00 Singapore Time)	The Evaluation of the Good Documentation Practice Error	Alfonsa Dian Sumarna	

			Using the WHO's ALCOA Principles		
13.		03.45 PM – 04.00 PM <i>(WITA UTC +8.00 Singapore Time)</i>			

Day/ Date : Friday/ October 20th, 2023
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Conference Program: Parallel Session Room

Moderator : Siti Romlah (Politeknik Negeri Nunukan)
Panel Chair Session : Dr. Nur Aeni, S.Pd.,M.Pd (Universitas Negeri Makassar)

BOR 10 – Online Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 10					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Analysis of Visitors' Behavior in Supporting The Development of Culinary Tourism in Kupang City	Martarida Bagaihing	
2.		11.00 AM – 11.15 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Performance Testing of a Capacity Smoked Fish Oven by Optimizing Smoke and Heat Circulation	Pardi	
3.		11.15 AM – 11.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Price Perceptions of Consumer Decisions To Stay (Study at 3 Star Hotels in Kupang City)	VERONIKA A. S. M. FLORA	
4.		11.30 AM – 11.45 AM <i>(WITA UTC +8.00 Singapore Time)</i>	PRESERVATION OF THE DUARATO TRADITIONAL VILLAGE AS A CULTURAL TOURISM ATTRACTION	Syul Rosli Sanam	

			BASED ON LOCAL WISDOM IN THE MODERN ERA (Case Study: Duarato Village, Lamaknen District, Belu Regency)		
5.		11.45 AM – 12.00 PM <i>(WITA UTC +8.00 Singapore Time)</i>	The influence of tourism facilities and service quality on tourist satisfaction at air cina beach, kupang district	Lorens Riwu	
6.		02.00 PM – 02.15 PM <i>(WITA UTC +8.00 Singapore Time)</i>	The Effect Of Job Promotion And Job Characteristics On Employee Performance Mediated Job Satisfaction	Asbi Nasar	
7.		02.15 PM – 02.30 PM <i>(WITA UTC +8.00 Singapore Time)</i>	Neural Network Analysis For The Detection Of Brain Tumors Using Application Orange	Prayitno	
8.		02.30 PM – 02.45 PM <i>(WITA UTC +8.00 Singapore Time)</i>	Experimental Study of Tofu Processing Using a Horizontal Mini Boiler Fueled by Wood and Coconut Shell	Abdul Gafur	
9.		02.45 PM – 03.00 PM <i>(WITA UTC +8.00 Singapore Time)</i>	Drying Spices by Utilizing the Dehumidification Process and the Heat Condensor in the Refrigeration System	I Nengah Ardita, ST.,MT	
10.		03.00 PM – 03.15 PM <i>(WITA UTC +8.00 Singapore Time)</i>	RISK MANAGEMENT IMPLEMENTATION IN DETERMINING THE OBJECT OF FINANCIAL FUNCTION MANAGEMENT AUDIT (CASE STUDY OF PAS COOPERATIVE)	I Made Marsa Arsana	
11.		03.15 PM – 03.30 PM <i>(WITA UTC +8.00 Singapore Time)</i>	Design of Microstrip Planar Array Antenna for Wireless	Ari Wijayanti	

			Sensor Device Charging at Frequency 2300 MHz		
12.		03.30 PM – 03.45 PM (WITA UTC +8.00 Singapore Time)	The Use of Showcase Chiller with Solar Panels as the Final Stage of the Cold Chain for Fish Sellers in Traditional Markets	I Dewa Made Susila, ST., MT	
13.		03.45 PM – 04.00 PM (WITA UTC +8.00 Singapore Time)			

Day/ Date : Friday/ October 20th, 2023
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Conference Program: Parallel Session Room

Moderator : Samsidar, S.Pi., M.Si. (Politeknik Negeri Nunukan)
Panel Chair Session : Dr. Sam Hermasyah, M.Pd. (Universitas Muhammadiyah Sidenreng Rappang)

BOR 11 – Online Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 11					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	The Influence of Budget Planning And Human Resources on Budget Absorption at The Bali State Polytechnic	Anak Agung Putri Suardani, SE., MM.	
2.		11.00 AM – 11.15 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Programmable Camera Module as a Distance Viewing of Live Power Line 20 KV- Hand Robotic	Dr. Ir. I Wayan Jondra, M.Si.	
3.		11.15 AM – 11.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	IoT Based Battery Capacity Monitoring System on Solar Panels in Electric Vehicle	Jefri Lianda	
4.		11.30 AM – 11.45 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Fuzzy Logic Based Nutrient Concentration Control System Using the Internet of Things	Nurmahaludin	

5.		11.45 AM – 12.00 PM (WITA UTC +8.00 Singapore Time)	SLCH: A Novel Customer Satisfaction Scoring	Muhammad Imanullah	
6.		02.00 PM – 02.15 PM (WITA UTC +8.00 Singapore Time)	Reconstruction of Presentation of Financial Statements of Village Credit Institutions (LPD): The ISAK 35 Approach and The Specific Characteristics of LPD	Made Dana Saputra	
7.		02.15 PM – 02.30 PM (WITA UTC +8.00 Singapore Time)	Modellings Smarthome Security Based Internet of Things (IoT)	I Ketut Parti	
8.		02.30 PM – 02.45 PM (WITA UTC +8.00 Singapore Time)	The effectiveness of The Subsidized staple foods distribution based on Key Performance Indicators of Bengkalis Regency	Yunelly Asra	
9.		02.45 PM – 03.00 PM (WITA UTC +8.00 Singapore Time)	Factors Affecting MSME's Implementation of Financial Accounting Standards for Micro, Small, and Medium Entities (SAK-EMKM) in Mandau Sub-District	Nur Anita	
10.		03.00 PM – 03.15 PM (WITA UTC +8.00 Singapore Time)	Study Of The Effectiveness Of Monetary Policy Of Bank Indonesia Representative Of East Nusa Tenggara Province In Controlling Food Inflation	Puteri Ayu Pratiwi	
11.		03.15 PM – 03.30 PM (WITA UTC +8.00 Singapore Time)	Monitoring of Battery Energy for Hybrid PLTS and Picohydro Systems on Water Pumps	I NYOMAN SUGIARTA	
12.		03.30 PM – 03.45 PM (WITA UTC +8.00 Singapore Time)	Managerial ownership and company characteristics as determinants of capital	Bonifasius MH Nainggolan	

			structure A case study of a non-financial company listed on the Indonesia Stock Exchange		
13.		03.45 PM – 04.00 PM (WITA UTC +8.00 Singapore Time)	Hotel Recommendation for Smart Tourism Application in Indonesia using Content Based Filtering	Nana Ramadijanti	

Day/ Date : Friday/ October 20th, 2023
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Conference Program: Parallel Session Room

Moderator : Bunga Nur Avita
Panel Chair Session : Dr. Buhari, M.Pd. (Universitas Muhammadiyah Sidenreng Rappang)

BOR 12 – Online Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 12					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	The Influence of the work environment of the compensation system on job satisfaction and employee performance at Bankaltimtara Nunukan Branch"	Rezky Putra Supardi	
2.		11.00 AM – 11.15 AM <i>(WITA UTC +8.00 Singapore Time)</i>	The Influence of Third Party Funds, Capital Adequacy Ratio, Non Performing Loans, and Return On Assets on Credit Distribution at Commercial Banks Registered on the IDX in 2015-2022	Rafiqoh	
3.		11.15 AM – 11.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	The Influence Of Job Stress And Work Environment On Employees' Job Satisfaction In	Zahri Fadli	

			Multiple Farming Cooperatives And Fishermen Malaysia Indonesia Border Area		
4.		11.30 AM – 11.45 AM (WITA UTC +8.00 Singapore Time)	Online Games' Effects on Business Administration Student Achievement at Nunukan State Polytechnic	Hatianti	
5.		11.45 AM – 12.00 PM (WITA UTC +8.00 Singapore Time)	Projection of Gross Regional Domestic Product (GRDP) Indonesia-Malaysia of North Kalimantan Using the Least Squares Method	Nur Aida	
6.		02.00 PM – 02.15 PM (WITA UTC +8.00 Singapore Time)	Comparison of the Cost Budget Plan and the Implementation Budget Plan (Cast In Indonesian's Border Area)	Andrial Imran	
7.		02.15 PM – 02.30 PM (WITA UTC +8.00 Singapore Time)	Projection Of Water Availability And Needs In The Watershed Of Sungai Bolong Of Border Zone Indonesia-Malaysia	Maria Menung Migo	
8.		02.30 PM – 02.45 PM (WITA UTC +8.00 Singapore Time)	Work Environment, Compensation and its Role towards Job Satisfaction and Employee Performance	Lisa Binti Harun	
9.		02.45 PM – 03.00 PM (WITA UTC +8.00 Singapore Time)	The Influence Of The Work Environment Employee Work Effectiveness At The Nunukan State Prosecutor's Office	Novianti	
10.		03.00 PM – 03.15 PM (WITA UTC +8.00 Singapore Time)	1. Relationship Between The Level of Importance, Benefits and Expectaton on Performance Satisfaction Local Government Flagship	Arkas Viddy	

			<p>Program In Border Zone (Case of Tarakan District North Kalimantan),</p> <p>2. The Empowerment of MSMEs in the Context of Economic Recovery after the COVID-19 Pandemic in Border Zone of North Kalimantan,</p> <p>3. The determinants of Lecturer's Performance In Higher Vocational Institution Indonesia,</p> <p>4. The Determinants of Lecturer Job Satisfaction and Institution Performance Of East Kalimantan Muhammadiyah University (UMKT)</p>		
11.		03.15 PM – 03.30 PM (WITA UTC +8.00 Singapore Time)	The Influence of Competence, Motivation and Work Environment on Employee Performance of PT. Nunukan Bara Sukses	Sri Astika	
12.		03.30 PM – 03.45 PM (WITA UTC +8.00 Singapore Time)	Making Special Tools (SST) Valve Spring Removal on the Komatsu Pc130-7	Ismail Ramli	
13.		03.45 PM – 04.00 PM (WITA UTC +8.00 Singapore Time)	Income Analysis Of Seaweed Farming In Tanjung Harapan Village Sub-District Nunukan Selatan Nunukan District	Basran	
14.			Calculation of the Needs and Availability of Clean Water Perumda Air Minum Tirta Taka	Tri Haryo Nugroho	

			Nunukan Regency South Nunukan Village		
15.			Sustainability Status of Fisheries Extension in Mangrove Forest Management on the Dimension of Personal Characteristics of Communities in Rembang District, Central Java Province	Abdul Rohman Nasrudin	
16.			Evaluation of Compatibility of Simple Residential Structures with Earthquake-Resistant Residential Technical Guidelines	Muhammad Syarif	
17.			Pabettang - Mabettang", The role of women in the family economy in South Nunukan	Luti Wiyani	
18.			D85-1 Transmission Maintenance and Repair (Case study: Maintenance and Repair of D85-1 Transmission Clutch Slip)	Al Amin	
19.			COMPARISON OF THE DRYING TECHNIQUE OF Eucheuma Cottonii SEAWEED TO THE QUALITY OF DRY SEAWEED IN TANJUNG AREA, NUNUKAN BARAT DISTRICT, NUNUKAN	Jemri	
20.			Performance evaluation of traffic light intersection three Bhayangkara street - Ahmad Yani street - White Sand Road Nunukan Indonesia	Yoseph	

21.			(EXTRACTION OF SEAWEED CARGENANAN (<i>Kappaphycus alvarezii</i>) WITH ADDITIONAL CONCENTRATION OF SOLUTION NaOH (Sodium Hydroxide))	Siti Hajar, S.Si., M.Pd.	
22.			Projection Income For Seaweed Cultivation Businesses On The Malaysia-Indonesia Border Area	Besse Asniwaty	
23.			Effect of Feeding Frequency on Survival and Post-molting Growth of Mud Crab <i>Scylla serrata</i>	Harizatul Jannah	
24.			Post Seaweed Cultivation Bottled Utilization for Fuel Alternative Production by Pyrolysis Method: A Review	Yosep Yuswanto Tri Ananda	
25.			The Influence Of The Work Environment And Compensation System On Employee Performance And Job Satisfaction At PT. Bankaltimara Nunukan Branch Indonesia Malaysia Border	Herlina, S.Pd.,M.Pd	
26.			Teh Role of Women In Seaweed Pre-Production Handling At the Indonesian Border	Samsidar	
27.			Fault analysis of fuel system on Komatsu PC 200-8 excavator (case studies at PT Kaltim Plantation)	Denny Hendra Cipta	

Conference Program: Parallel Session Room

**Swiss-belHOTEL INTERNATIONAL Tarakan
Kalimantan Utara, Indonesia**

Moderator : Dr. Purnamawati, S.Pi., M.Si.
Panel Chair Session : Prof. Lilik Sudiajeng

ROOM 1 – Face-to-Face Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 1					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Social And Juridical Aspect Credit Agreement "Emok Bank" in Indonesia	Dr. Ida Nurhayati, S.H., M.H	
2.		11.00 AM – 11.15 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Distillation of Essential Oils from the Leaves and Stems of Citronella (Cymbopogon Winterianus) Utilizing a Solar Energy-Based Steam Distillation Unit with a Photovoltaic Method	elwina	
3.		11.15 AM – 11.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	A Concept of Developing Microgrid and Virtual Power Plant towards Grid Utility for the Better Electrification in Indonesia	Nelly Safitri	
4.		11.30 AM – 11.45 AM <i>(WITA UTC +8.00 Singapore Time)</i>	A Computerized Numerical Control Machine Assembly Virtual Laboratory on Virtual Reality Technology	Yogi Muldani Hendrawan	
5.		11.45 AM – 12.00 PM <i>(WITA UTC +8.00 Singapore Time)</i>	Effect of Heat Input on the Tensile Strength and Hardness of Weld Metal Using	Usman	

			ER410H as Filler Metal Without Heat Treatment		
6.		02.00 PM – 02.15 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
7.		02.15 PM – 02.30 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
8.		02.30 PM – 02.45 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
9.		02.45 PM – 03.00 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
10.		03.00 PM – 03.15 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
11.		03.15 PM – 03.30 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
12.		03.30 PM – 03.45 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
13.		03.45 PM – 04.00 PM <i>(WITA UTC +8.00 Singapore Time)</i>			

Conference Program: Parallel Session Room

**Swiss-belHOTEL INTERNATIONAL Tarakan
Kalimantan Utara, Indonesia**

Moderator : Muh. Anhar, S.T., M.T.
Panel Chair Session : Syiril Erwin Harahap, Ph.D.

ROOM 2 – Face-to-Face Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 2					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Assessing Obesity Risk in Student: A Fuzzy Logic Approach for Precision Health	Nur Budi Nugraha	
2.		11.00 AM – 11.15 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Developing An English Proficiency Test For Vocational Higher Education	Rionaldi	
3.		11.15 AM – 11.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	The Development of Meta data Extractor Plugin for Open Journal System, OFFLINE PARTICIPANT	Muhammad Afif Hendrawan	
4.		11.30 AM – 11.45 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Design and Optimization of CNC Milling Process Based on Vibration System Detector Using Particle Swarm Optimization Algorithm Method	CHAIRUL ANAM	
5.		11.45 AM – 12.00 PM <i>(WITA UTC +8.00 Singapore Time)</i>	Application of the Automatic Identification System Transponder for Monitoring the Safety of Fishing Vessels	Supria	
6.		02.00 PM – 02.15 PM			

		(WITA UTC +8.00 Singapore Time)			
7.		02.15 PM – 02.30 PM (WITA UTC +8.00 Singapore Time)			
8.		02.30 PM – 02.45 PM (WITA UTC +8.00 Singapore Time)			
9.		02.45 PM – 03.00 PM (WITA UTC +8.00 Singapore Time)			
10.		03.00 PM – 03.15 PM (WITA UTC +8.00 Singapore Time)			
11.		03.15 PM – 03.30 PM (WITA UTC +8.00 Singapore Time)			
12.		03.30 PM – 03.45 PM (WITA UTC +8.00 Singapore Time)			
13.		03.45 PM – 04.00 PM (WITA UTC +8.00 Singapore Time)			

Conference Program: Parallel Session Room

Swiss-belHOTEL INTERNATIONAL Tarakan
Kalimantan Utara, Indonesia

Moderator : Icha Syahrotul Anam, S. TP., M.Sc.
Panel Chair Session : Prof. I Dewa Made Cipta, S.T., M.Sc.,

ROOM 3 – Face-to-Face Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 3					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Performance Test of Chili Dryer with Greenhouse Effect System based on Solar Panel	Pande Putu Agus Santoso, S.Pd., M.Sc.	
2.		11.00 AM – 11.15 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Design, Construction, and Performance Evaluation of Banana Stem Chopper for Livestock Feed	Frans Mangngi	
3. s		11.15 AM – 11.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Elderly Blood Pressure Is Lowered By Deep Breathing Relaxation An Experimental Study	Wardah Fauziah	
4.		11.30 AM – 11.45 AM <i>(WITA UTC +8.00 Singapore Time)</i>		Rizky Aprylianto Susilo	
5.		11.45 AM – 12.00 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
6.		02.00 PM – 02.15 PM			

		<i>(WITA UTC +8.00 Singapore Time)</i>			
7.		02.15 PM – 02.30 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
8.		02.30 PM – 02.45 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
9.		02.45 PM – 03.00 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
10.		03.00 PM – 03.15 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
11.		03.15 PM – 03.30 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
12.		03.30 PM – 03.45 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
13.		03.45 PM – 04.00 PM <i>(WITA UTC +8.00 Singapore Time)</i>			

Conference Program: Parallel Session Room

**Swiss-belHOTEL INTERNATIONAL Tarakan
Kalimantan Utara, Indonesia**

Moderator : Rionaldi, M.Pd
Panel Chair Session : Dr. Yogi Muldani Hendrawan, S.ST., M.T., Ph.D

ROOM 4 – Face-to-Face Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 4					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Vibration Study in the Passenger Cabin of the Polbeng II Ship	Jupri	
2.		11.00 AM – 11.15 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Modification Design of Solar Tracker and MPPT on Photovoltaic Systems using PSO based Fuzzy Type-2 Controller	Jauharotul Maknunah	
3.		11.15 AM – 11.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Unlocking the Potential of Water Tourism: Pioneering the Ideal Concept for a Blue Economy in Wonosari Village	M Sabri	
4.		11.30 AM – 11.45 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Simulation of a Ground- mounted PV System on the Unused Land of Mud Flow	Elieser Tarigan	

			Area of Lumpur Lapindo Sidoarjo, Indonesia		
5.		11.45 AM – 12.00 PM <i>(WITA UTC +8.00 Singapore Time)</i>	Vision-Based Object Detection for Efficient Monitoring in Smart Hydroponic Systems	Septafiansyah Dwi Putra	
6.		02.00 PM – 02.15 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
7.		02.15 PM – 02.30 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
8.		02.30 PM – 02.45 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
9.		02.45 PM – 03.00 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
10.		03.00 PM – 03.15 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
11.		03.15 PM – 03.30 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
12.		03.30 PM – 03.45 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
13.		03.45 PM – 04.00 PM <i>(WITA UTC +8.00 Singapore Time)</i>			

Conference Program: Parallel Session Room

Swiss-belHOTEL INTERNATIONAL Tarakan
Kalimantan Utara, Indonesia

Moderator : Wardah Fauziah., S.Kep., Ners., M.Kep
Panel Chair Session : Dr. Nelly Safitri

ROOM 5 – Face-to-Face Session

No	Day/ date	Time	Title	Presenter/s	Moderators/ PIC
BOR 5					
1.	Fri/ Oct 20 th 2023	10.45 AM – 11.00 AM <i>(WITA UTC +8.00 Singapore Time)</i>	The Influence of Accounting Information Systems, Work Motivation, and Internal Control of Employee Performance (Study on Taspem Limited Company, Samarinda Branch Office)	SIGIT HARTOKO	
2.		11.00 AM – 11.15 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Study of Effectiveness by using seawalls with slopes of 1:3 and 1:5 on run up, wave reflection, overtopping at Selatbaru beach of Bengkalis	zulkarnain hasan	
3.		11.15 AM – 11.30 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Utilization of Small Unnamed Aerial Vehicle (SUAV) Technology in Mapping The Lake Tondano Ring Road at STA 0+00 to STA 21+100	Sherley Runtuuwu	

4.		11.30 AM – 11.45 AM <i>(WITA UTC +8.00 Singapore Time)</i>	Evaluation Characteristics of Pedestrian Pathway in Coastal Area	Febriane Paulina Makalew	
5.		11.45 AM – 12.00 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
6.		02.00 PM – 02.15 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
7.		02.15 PM – 02.30 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
8.		02.30 PM – 02.45 PM <i>(WITA UTC +8.00 Singapore Time)</i>			
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