

2025 IEEE 23rd Student Conference on Research and Development (SCOReD 2025)

**Kuala Lumpur, Malaysia
25-26 November 2025**

IEEE Catalog Number:
ISBN:

CFP25526-POD
979-8-3315-7137-5



Copyright © 2025, IEEE

All Rights Reserved

Copyright and Reprint Permissions:

Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

*** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.

IEEE Catalog Number:	CFP25526-POD
ISBN (Print-On-Demand):	979-8-3315-7137-5
ISBN (Online):	979-8-3315-7136-8
ISSN:	2643-2439

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA

Phone:	(845) 758-0400
Fax:	(845) 758-2633
E-mail:	curran@proceedings.com
Web:	www.proceedings.com

TABLE OF CONTENTS

Transforming E-Waste into Infrastructure Assets of Asphalt Pavement Applications: Review	1
<i>I Gusti Agung Ananda Putra</i>	
Green Innovation Types and Environmental Performance in Malaysia: The Moderating Role of Government Initiatives	6
<i>Xiao Xuan Lim, Kui Ming Tiong, Lee Fong Cheah</i>	
Extended UTAUT Model Applying Augmented Reality for Improving Users' Information Literacy in Academic Libraries: Developing a Theoretical Framework	12
<i>Aisha Mohammed Al-Zaabi, Norizan Mat Diah, Elly Johana Johan, Eimad Eldin Abusham</i>	
Partial Discharge Detection: Optimizing Flexible Thermoplastic Polyurethane Rogowski Coils Through End - Turn Design	18
<i>Mohd Syukur Mahali, Chai Chang Yii, Kui Fern Chin, Kuan Jew Xun, John Tin Yuan En Asfarina Binti Abu Bakar</i>	
Intelligent Slot Allocation for WBAN MAC Protocols Through Decision Tree Based Slot Allocation	24
<i>Abdu Ibrahim Adamu, Darmawaty Mohd Ali, Saidatul Izyanie Binti Kamarudin, Suzi Seroja Sarnin</i>	
Attention-Based Feature Fusion for Short-Term Load Forecasting	32
<i>Chang Xu, Wong Jee Keen Raymond, Hazlie Mokhlis, Hazlee Azil Illias, Mohammad Sameer Ahmad Yip Sook Yee</i>	
Edge-AI for Cardiac Healthcare: Classification of Aortic Stenosis on Resource Constrained Hardware	38
<i>Sumit Singha, Laxmi Narayan Sharma, Samarendra Dandapat</i>	
Supplier Selection and Inventory Management: A Reinforcement Learning Approach Towards Supply Chain Digital Twins	44
<i>Purnawan Adi Wicaksono, Sutrisno, Hendri Sutrisno</i>	
Cooperative Two-warehouse Inventory Control Systems: A Multi-agent Perspective via Distributed Model Predictive Control	50
<i>Sutrisno, Joga Dharma Setiawan, Do Duc Thuan, Taycir Ben Abid</i>	
Geospatial Analysis of Biomass Energy Potential in Riau Province Using Sequential K-Means and DBSCAN Clustering	56
<i>Ginas Alvianingsih, Alfiah Azzahrah Amir, Adri Senen</i>	
A Survey of Security Protocols and Communication Frameworks for IoT-Enabled Smart Parking Systems	63
<i>Mohammed Saad Obaid Alyasari, Hamza Mohammed Ridha Al-Khafaji, Suhardi Azliy Junoh</i>	
Assessment of SINR Coverage in 5G Urban Macro-Pico Cell Environment Using Multiple Antenna Systems	69
<i>Bushra Dahri, Asma Abu-Samah, Nor Fadzilah Abdullah, Muhammad Mujtaba Shaikh</i>	
Impact of Device Design Parameters on Fabricated Recessed-Gate Enhancement Mode Gallium Nitride High Electron-Mobility Transistor	75
<i>Muhamad Amri Ismail, Nurul Ainie Ismail, Sharaifah Kamariah Wan Sabli</i>	

Bridging Shariah Governance and Digital Security: Evaluating a Secure Digital Credentials Management Framework for Islamic Estate Administration in Malaysia	81
<i>Dziauddin Sharif, Alya Geogiana Buja, Noor Afni Deraman, Nor Intan Shafini Nasaruddin Anwar Farhan Zolkeplay, Raihah Aminuddin</i>	
Effects of Weighting Exponent m on Clustering Performance in Fuzzy c-Means Algorithm	87
<i>Khairul Nurmazianna Ismail, Ali Seman, Khyrina Airin Fariza Abu Samah</i>	
Exploring the Role of RAG in Cloud-Based Monolithic Chatbots: A Systematic Review	92
<i>Syed Mashkur Billah, Raja Jamilah Binti Raja Yusof</i>	
Sustainable Energy Management and Techno-Economic Analysis of PV-Integrated Battery and Hydrogen Storage for Electric Vehicle Charging and Residential Loads	98
<i>Nadiah Ismail, Hanis Farhah Jamahori, Muhamad Syazmie Sepeeh, Nur Dalila Rizuan</i>	
A Shape and Texture-Based Data Augmentation for Fine-Grained Malaysian Kuih Classification	104
<i>Ian Wei Xuen Foong, Tee Hean Tan, Mohith Vijayashankar, Ryan Ka Wai Ng, Jia En Choong</i>	
Optimal UHF Sensor Placement for Partial Discharge Localization in Digital Twin Open-Space Substation	111
<i>Jun Qiang Chan, Wong Jee Keen Raymond, Hazlee Azil Illias, S. M. Kayser Azam, Mohamadariff Othman Tze Mei Kuan</i>	
Development of IoT Monitoring for Solar-Operated Aquaponic System for Urban Farming Applications	117
<i>Azimah Omar, Mohamad Nazif Jailani, Fathiah Mohamed Zuki, Muhammad Sadiq Mohd Anipah</i>	
Sustainable Flexible Wearable Antenna Using Rubber Substrate for Wireless Body Area Networks	123
<i>Wan Mirza Liyana Wan Mazri, Sarah Yasmin Mohamad, Aiman Hakimi Rahimi Norun Fariyah Abdul Malek, Md. Rafiqul Islam, Mohamed Hadi Habaebi, Huda Adibah Mohd Ramli</i>	
Dual-Band 3.5/28GHz Ellipse Patch Antenna with L-inverted Slot for 5G Applications	129
<i>Nur Fatin Hannani Mohamed, Sarah Yasmin Mohamad, Aiman Hakimi Rahimi, Ahmad Fadzil Ismail Khairayu Badron, Yasser Asrul Ahmad, Atikah Balqis Basri</i>	
Towards Adaptive Flood Prediction: Parameter Optimization of Case-Based Reasoning Models	134
<i>Nor Aimuni Md Rashid, Zaheera Zainal Abidin, Zuraida Abal Abas</i>	
Progress of Sustainability Drug Delivery in Overall Healthcare System Wherein Study of Metastasis and Lung Carcinoma to Brain with Antineoplastics Management: Review in Recent Decades	140
<i>Kailibinuer Alimujiang, Syed Mahmoud</i>	
An Improved LeNet-5: A Case Study in Architecture Modernization for Malaysian Kuih Image Classification	144
<i>Ryan Ka Wai Ng, Tee Hean Tan, Mohith Vijayashankar, Ian Wei Xuen Foong, Jia En Choong</i>	
Effectiveness of Transfer Learning Approach for Low-Resource Bangla Dialect Translation	150
<i>Deawan Rakin Ahamed Remal, Sinthia Chowdhury, Ashraful Islam, S. M. Rakibul Islam, Nabarun Halder Faiza Omar Arpita, Jahanggir Hossain Setu, Asif Mahmud, M. Ashraful Amin</i>	
Comparing Hybrid Transformers and Pure CNNs: MaxViT-Tiny vs. EfficientNetV2-M for Robust Fine-Grained Malaysian Kuih Classification	156
<i>Mohith Vijayashankar, Tee Hean Tan, Ryan Ka Wai Ng, Ian Wei Xuen Foong, Jia En Choong Srijith Vijayashankar</i>	

Development and Reliability Evaluation of an MQTT-Based Wearable Gait System for Elderly Pilgrims	162
<i>Ahmad Zaim Bin Ahmad Zairel, Syafiq Zulhady Bin Zainudin, Zulkifli Mohamed, Fariesha Binti Jani Mohd Hanif Bin Mohd Ramli</i>	
Generation Scheduling in Vertically Integrated Utilities via Blockchain-Enabled Virtual Markets Including Cycling Costs	168
<i>Salman Tariq, Mohamed Shaaban, Hazlie Mokhlis, Irfan Ahmed Khan, Nuril Azmi Muslimin Nurulafiqah N. Mansor</i>	
Novel Rod-of-Scoops Control to Lower Sediment Disturbance in Deep Sea Mining	174
<i>Jia Ming Lim, Patrick W. C. Ho, Chee Pin Tan</i>	
Tractable Asymmetric Verification for Large Language Models via Deterministic Replicability	180
<i>Zan-Kai Chong, Hiroyuki Ohsaki, Bryan Ng Cheng Kuan</i>	
The Language of Construction Safety Risks: A Conceptual Reframing	186
<i>Paul Cornelius Bong, Mark Kit Tsun Tee, Bee Theng Lau, Prem Prakash Jayaraman, Hudyjaya Siswoyo Jo</i>	
A Multimodal AI Framework for Construction Safety: Compliance Detection and Risk Prediction	192
<i>Frankie Tai Yaw Ling, Natalie Jing Wen Ho, Bee Theng Lau, Paul Cornelius Bong</i>	
Preliminary Design of a Culturally Tailored AI-Integrated mHealth App for Gestational Diabetes and Excessive Weight Management in Bangladesh	198
<i>Faiza Omar Arpita, Istiaq Ahmed, Ashrafur Islam, Ashfaqul Islam, Asif Mahmud, M. Ashrafur Amin</i>	
Towards Edge Anomaly Detection: Lightweight Multi-Resolution Spectral Features from High-Bandwidth Vibration Data	204
<i>Adin Okta Triqadafi, I Gede Made Adnyana Wibawa, Novanto Yudistira, Didik Rahadi Santoso Setyawan Purnomo Sakti</i>	
Blockchain-Enabled Voluntary Carbon Credit Marketplace for Bangladesh: A Decentralized Solution to Climate Accountability	210
<i>Mohammad Aftab Mahmud, Md. Ridwan Mahmud, Md. Zakir Hossan, Asif Mahmud, Ashrafur Islam M. Ashrafur Amin</i>	
Adaptive Modality Dropout Correction for Robust Multimodal Learning with Missing Inputs	216
<i>Srilekha Balaji, Priya Sinha</i>	
Short circuit forecast in axial flux permanent magnet machine using LSTM network	219
<i>Richard Gilles Agbokpanzo, Dourodjayé Pierre Aguemon, Renaud Philippe D'Almeida</i>	
Modern Presentation in IR 4.0: Bridging Communication for the Digital Era	225
<i>Mun Kuen Wang, Wai Yie Leong</i>	
Development of an Automated Vehicle Protection System Against Flood Damage	231
<i>N. A. B. Ahmad, Tharan Kumar A-L K. Jegathes Kumar, Muhammad Amir Aziat Ishak Samsul Haimi Dahlan</i>	
Breaking Classroom Walls: Exploring the Potential of Virtual Reality for Language Teaching and Learning in Ghana	237
<i>Francis Kwateng, Wai Yie Leong</i>	
Optimizing μ PMUs Placement in Power Distribution Networks with Large Language Models	243
<i>Jianxian Wang, Hazlie Mokhlis, Xingyu Wu, Nurulafiqah Nadzirah Mansor, Hazlee Azil Illias, Siqi Wang Zhiqin Xue</i>	

Dual-Branch Ensemble Model using U-Net and EfficientNet-B0 to Enhance Brain Tumor Classification	249
<i>Saarah Aqilah Sihabuddin, Agus Sihabuddin</i>	
Adaptive Denoising Filter Selection for Preprocessing Low-Light Images via Feature-Based Machine Learning Noise Classification System	255
<i>S. M. A Sayed Al Banna, Istiaq Ahmed, Ashraful Islam, Rashedur Rahman, Faiza Omar Arpita Saadia Binte Alam</i>	
A Comprehensive Hierarchical Review of Blockchain Technology in Revolutionizing Carbon Emission Trading System	261
<i>Nayeem Khan, Ahanaf Tahmid, Ahasanul Monir Adar, Md Junayed Hossain, Sanzar Adnan Alam</i>	
Systematizing AI-Assisted Web Development with the C.O.M.P.A.S.S. Framework and D.I.A.L. Cycle	267
<i>Andre Kurniawan Pamudji, Stephani Inggrit Swastini Dewi, Agustina Alam Anggitasari</i>	
Enhancing Bangla Cyberbullying Detection with Data Augmentation: A Performance Evaluation	273
<i>MD Mohaymen Ul Anam, Ajwad Abrar, Maheen Mashrur Haque, Jahanggir Hossain Setu, Ashraful Islam M. Ashraful Amin</i>	
Comparative Analysis of Local and Global Blockchain for Energy-Efficient Carbon Emission Tracking in Bangladesh	279
<i>Fahim Ahmed, Aysha Siddika, Md Junayed Hossain, Nabarun Halder, Ashraful Islam, Sanzar Adnan Alam</i>	
TurkRetNet: A Novel Retentive Network for Turkish Text Classification	285
<i>Jahanggir Hossain Setu, Syed Tangim Pasha, Ashraful Islam, Nabarun Halder, Asif Mahmud M. Ashraful Amin</i>	
Automobile Advisor: User-Centered Design, Repair Services Integration, and Validation of an Expert Vehicle Care Consultation Platform	291
<i>Monosij Kanti Sarker, Abu Bakar Mohammad Abdullah, Mohammed Toha, Sabrina Islam Md Junayed Hossain, Ashraful Islam</i>	
Resolution, Compression, and GAN-Enhanced Evaluation of YOLO Models on the Poribohon-BD Vehicle Dataset	297
<i>Sabrina Masum Meem, Mohammed Tahmid Hossain, Sami Rashid, Ashraful Islam, Rashedur Rahman Istiaq Ahmed, Asif Mahmud, Saadia Binte Alam, M. Ashraful Amin</i>	
A Hybrid Fuzzy – Gorilla Troops Optimizer for Sustainable Supplier Selection	303
<i>T. Brenda Chandrawati</i>	
Lightweight Load Balancing Algorithm for Link Aggregation Group (LAG) with Minimum Packet Reordering	309
<i>Wai Kok Chan, Boungh Yew Lau Simon</i>	
AI Agents in Healthcare: A Survey of Applications, Resources, and Challenges	314
<i>Sami Rashid, Md Fahim Shahriar, Sumaiya Karim Katha, Ezharuddin Jubaer Akm Moshir Rahman Mazumder, Ashraful Islam, Mohsena Ashraf, Asif Mahmud, M. Ashraful Amin</i>	
Conversational Co-Pilot: Enabling Intent-Aligned Navigation in Smart Walkers	320
<i>Atiqul Islam, Lau Bee Theng, Mark Tee Kit Tsun, Caslon Chua</i>	
Internet of Things-based Luminescent Solar Concentrator (LSC) Photovoltaic Module for Urban Adaptability	326
<i>M. Adeeb H. R., Nur Dalila Rizuan, Hanis Farhah Jamahori, N. A. B. Ahmad, Tang Poh Kit M. Nuzaihan M. N.</i>	

Exploring Rabies Outbreaks Prediction with Long Short-Term Memory Model	331
<i>Alvin Yi Tung Tan, Kenneth Yang Sheng Kuan, Bee Theng Lau, Atiqul Islam</i>	
Deep Learning for Skin Disease Classification: A Comparative Analysis of Convolutional and Transformer-Based Models	337
<i>Sharmin Islam Shroddha, Rashedur Rahman, Ashraful Islam, Md Junayed Hossain, Sefatul Wasi Saadia Binte Alam, M. Ashraful Amin</i>	
Can Augmentation Help Small Survey Datasets: Machine Learning Models for Predicting Academic Impact of Social Media Addiction and Procrastination	343
<i>Tausia Tahsin Nuzum, Sumita Tasnim, Tasnia Rafique Simran, Nabarun Halder, Ashraful Islam M. Ashraful Amin</i>	
Comparative Evaluation of Deep Learning Models for Multi-Disease Classification Using Reflective Dental Imaging	349
<i>Mohammed Tashfiq Islam, Mustaqueem Alam, J. M. Sadik-Ul Islam Smaron, Jahanggir Hossain Setu Siam Tahsin Bhuiyan, Rashedur Rahman, Asif Mahmud, Saadia Binte Alam, Ashraful Islam</i>	
Effect of Inductive Compensation Design on Wireless Power Transfer Efficiency in Low Power Applications	355
<i>Muhamad Syazmie Sepeeh, Miriam Elena Ondo Nguba, Hanis Farhah Jamahori, Shamsul Aizam Zulkifli Ronald Jackson, Nadiyah Ismail</i>	
LifeSaver Hub: Leveraging Technology For Efficient Blood Donation At UiTM Jasin	361
<i>Endah Nurjannah Roslan, Faiqah Hafidzah Halim, Nur Farahin Mohd Johari</i>	
Investigation of Depth Limitations in Retinal Imaging Photoplethysmography (RiPPG) using 3D Monte Carlo Simulation	366
<i>Harnani Hassan, Sijung Hu, Vincent M. Dwyer, Saiful Azlan Rosli, Sukreen Hana Herman Zulfakri Mohamad</i>	
Adaptive Humanoid Robotics with Hybrid AI for Intelligent Waste Sorting	372
<i>Jia Hao Chen, Memoona Saleem, Muhammad Fahad Khan, Ching Seong Tan, Muhammad Jahangir</i>	
Leveraging AI Techniques in Security Operation Centers for Enhanced Cyber Defense Model	382
<i>Zulaikha Hanan Bolhan, Mohsen Mohamad Hata, Noormadinah Allias, Muhammad Zul Akmal Shafiee Mohamad Yusof Darus, Mohd Izuan Hafez Ninggal</i>	
Examining the Antecedents of Online Entertainment Technology Adoption in Society	388
<i>Bernardinus Harnadi, Albertus Dwiwoga Widianoro, Ridwan Sanjaya</i>	
A Deep Neural Network Model for Unit Commitment	394
<i>Zhaomin Lyu</i>	
Cloud-Based Printed Circuit Board Machine Monitoring System Through Digital Dashboard	400
<i>Muhammad Adib Ahnaf Mohammad Khozaini, Ahmad Shahrizan Abdul Ghani, Mohd Yazid Abu Nurul Haziyani Aris, Yulvia Sabri, Mohd Fauzi Abu Hassan, Fusaomi Nagata, Xin Jin</i>	
Meta-Learning Framework with MS-1D-CNN and ArcFace for Few-Shot Machinery Fault Diagnosis	405
<i>Mehedy Hasan Rony, Harikrishnan Ramiah, Jeevan Kanesan, Shiran Madhuranga</i>	
Determination of the Most Optimum Switching Angle of a Three-Level Inverter for Lowest Output Total Harmonic Distortion	411
<i>A. Syukri Mohamad</i>	

Sentiment Analysis of E-Commerce Reviews on a Post-Caesarean Healing Product Using IndoBERT with Various Imbalanced Data Handling Approaches	415
<i>Wani Syafitri, Sony Hartono Wijaya, Imas Sukaesih Sitanggang</i>	
Investigation of Integrated Deep Learning Based Electrical Connector Anomaly Detection	421
<i>Ahmad Shahrizan Abdul Ghani, Ee Chern Ting, Nurul Haziyani Aris, Azri Hizami Abd Rasid</i>	
<i>Mohd Yazid Abu, Mohd Fauzi Abu Hassan, Xin Jin, Fusaomi Nagata</i>	
Evaluating Kernel-Based Similarity Measures for Demographic Face Clustering Using VGGFace2 Embeddings	427
<i>Nur Nadiah Asyikin Samruzlan, Raseeda Hamzah, Khyrina Airin Fariza Abu Samah, Gao YouSheng</i>	
An Empirical Evaluation of Method Combinations for Aspect Based Sentiment Analysis on Pregnancy App Reviews	432
<i>Agustinus Angelo Christian Fernando, Adhistya Erna Permanasari, Silmi Fauziati, Rahmat Fauzi</i>	
Optimalization of DC Motor Regenerative Braking Using Non-Linear Autoregressive (NAR) Algorithm for Speed Prediction	438
<i>Arif Shiddiq Siregar, Refdinal Nazir, Nik Rumzi Nik Idris, Refki Budiman</i>	
Real-Time Multi-Parameter Railway Monitoring with Axle Counting & Speed Estimation Using Fiber Bragg Grating Sensors	444
<i>Dennis Yap Jian Yuan, Chang Yoong Choon, Pua Chang Hong, Shee Yu Gang</i>	
A Deep Learning Framework for Detecting Driver Drowsiness with Sunglasses	450
<i>Linxiaoshan Zhang, Yang Jinni, Prakas Gopal Samy, Chia Chao Kang, Khuzairi Masrakin, A.R.A Rahman</i>	
Exploring Students' Perceptions Toward AI Based Personalised Learning Tools in Higher Education	455
<i>Preedha R. Govindasamy, Noor Hafizah Hassan, Cheryssa Wong Kai Ying, Angela Siew-Hoong Lee</i>	
Effect of Annealing Post-Treatment on Bonding Strength of Two Dissimilar Polymeric Materials Fabricated by Using Fused Filament Fabrication	461
<i>Rahmat Riza, Muslim Mahardika, Budi Arifvianto</i>	
Performance Analysis of Clearstream-Based RFID System for Hospital Asset Tracking via Simulation Modeling	466
<i>Ahmad Sabry Mohamad, Fatin Affiqah Mat Jah, Muhammad Noor Nordin</i>	
A Gamified Framework to Enhance Student Engagement in Final Project Documentation: Design and Evaluation of the DELTA System	470
<i>Agustina Alam Anggitasari, Andre Kurniawan Pamudji, Stephani Inggrit Swastini Dewi</i>	
A Stock Return Prediction Model Based on Dynamic-Weighted Multi-Scale Embedding Mamba	476
<i>Chieh-yu Lee, Henghsiu Tsai</i>	
Integrating Smart IoT Power Outlets with Spatial Planning for Sustainable Interior Environments	481
<i>Stephani Inggrit Swastini Dewi, Andre Kurniawan Pamudji, Cindy Fiolita Graciela</i>	
<i>Agustina Alam Anggitasari</i>	
Systematic Literature Review (SLR): Online Gambling in Islamic Country	487
<i>Tommy Aprianto, Vera Pujani, Harif Amali Rivai, Yazrina Yahya</i>	
Advancements in Goat Detection and Tracking Using AI Deep Learning: YOLOv11 Algorithm	494
<i>Ali Nihad Wazzan, Nasharuddin Zainal</i>	

iCBurnOut: A Web-Based YOLOv8 Segmentation Platform for Distinguishing Proximal Dental Caries and Cervical Burnout in Bitewing Digital Radiograph	498
<i>Mohd Isyrafuddin Bin Ismail, Nooritawati Md Tahir, Wan Syahirah W Samsudin, Mas Suryalis Ahmad Mohd Yusmialdil Putera Mohd Yusof</i>	
Regulatory and Quality Requirement Elicitation Framework for the Sustainability of the Biometric Payment System in Malaysia based on Test Driven Development	502
<i>E Long Chua, Ahmad Husaini Ahamad Zakeri, Wan Muhammad Wafi Wan Arit, Ashok Sivaji Azahari Bin Hassan, Adly Izmir Bin Ramly</i>	
Optimal Placement of Energy Storage System (ESS) In Rooftop Solar-Penetrated Distribution Network Using Evaluational Programming (EP) Technique	508
<i>Nurdiana Natasha Zailani, Mohd Abdul Talib Mat Yusoh, Nur Badzlin Nasreen Roslan Kanendra Naidu A-L Vijayakumar, Azuwien Aida Binti Bohari, Ulfah Mediaty Arief</i>	
Optimizing Voting Ensemble Strategies for Classifying Student Anxiety Levels Based on Narrative DAAS Responses	514
<i>Pandu Pratama Putra, Sarjon Defit, Gunadi Widi Nurcahyo</i>	
Transition from Classical Inputs to Quantum Outputs with Artificial Neural Networks	520
<i>Huber Nieto-Chaupis</i>	
A Naive Approach About the Poles of Friis Transmission Equation from D'Alembert Operator	525
<i>Huber Nieto-Chaupis</i>	
The Probabilistic-Electric Approach of Nanotubes Internalization in Target Cells	530
<i>Huber Nieto-Chaupis</i>	
Bridging Brains and Brands: An Empirical Study of Neuromarketing Adoption in Indonesia	536
<i>Regina Nadiah Salma, Aditya Wardhana, Mahir Pradana, Dian Gita Utami, Diki Wahyu Nugraha Ratna Rintaningrum</i>	
Service quality and brand awareness's effects on internet service provider's consumer satisfaction	541
<i>Ulwan Shidqy, Syarifuddin Syarifuddin, Mahir Pradana, Ratna Rintaningrum</i>	
Quantitative Analysis on Pricing Strategies and Passenger Demand in Railway Business	547
<i>Naufal Abdillah, Budi Rustandi Kartawinata, Mahir Pradana, Dian Gita Utami, Diki Wahyu Nugraha Tri Indra Wijaksana</i>	
When Digital Payment Accessibility Drives Impulsivity: An Empirical Study on the Impacts of QRIS	552
<i>Mikail Ali Gibran, Mahir Pradana, Yogi Suprayogi</i>	
Dimensions of AI-Induced Fatigue Among Filipino Students: An Exploratory Study	557
<i>John Paul P. Miranda, Madilaine Claire B. Nacianceno, Rhiziel P. Manalese, Ivan G. Liwanag Laharni S. Simpao, Marie Angeli F. Peñaflor, Vasco Vic G. Valdez, Marlon T. Acoba</i>	
Short-Form Instructional Videos as Supplemental Tools in Computing Education	561
<i>John Paul P. Miranda, Jaymark A. Yambao, Mark Anthony A. Castro, Vernon Grace M. Maniago Aileen P. De Leon, Charlie K. Padilla, Joel D. Canlas, Walter R. Boltron</i>	
Reinforcement Learning for Dynamic Power Flow Control in Smart Grids	565
<i>Ibanibo T. Sotonye, Lawrence E. Ekeng, Iyoloma I. Collins, Obasi-sam Ojah Ojobe</i>	

Bridging Research and Practice: A Step-by-Step Methodology for Building Lighting Optimization 571
*Nuril Azmi Muslimin, Nurulafiqah Nadzirah Mansor, Hazlie Mokhlis, Mohd Noor Abdullah, Hushairi Zen
Siti Syafinah Ahmad Hassan*

UGNAY (Unified Governance Network and AI Assistant for You): An AI-Driven Digital Governance
Assistant for Enhancing E-Governance Infrastructure and Building Trust, Speed, and Service in the PH 577
*Johani D. Basaula, Antoneth Arni A. Madriaga, Ella Mae S. Luyun, Cyrille Anne I. Nery
Mark Louie E. Gabutero, Ganesh Kumar*