2023 International Conference on Digital Applications, **Transformation & Economy (ICDATE 2023)**

Miri, Sarawak, Malaysia 14-16 July 2023



IEEE Catalog Number:

CFP23DS8-POD

ISBN: 979-8-3503-1069-6

Copyright © 2023 by the Institute of Electrical and Electronics Engineers, Inc. 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:
 CFP23DS8-POD

 ISBN (Print-On-Demand):
 979-8-3503-1069-6

 ISBN (Online):
 979-8-3503-1068-9

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



2023 International Conference on Digital Applications, Transformation & Economy (ICDATE)

rake News Detection: A Brief investigation into the State-OJ-The-Art Approaches and A Mixea Language Dataset	
Wei Kitt Wong (Curtin University, Malaysia), Jeff Kong Kong (Curtin University, Malaysia), Filbert H. Juwono (Xi'an Jiaotong - Liverpool University, China)	
User Perception of Social Media Data Security in Indonesia	
Figo Stefanus (Bina Nusantara University, Indonesia), Siti Elda Hiererra (Bina Nusantara University, Indonesia)	
Offensive Artificial Intelligence: Current State of the Art and Future Directions	
Masike Malatji (University of South Africa SBL, South Africa)	12
Review of Cycling Bio-Mechanics Acquisition Modality and Measuring Parameters	
Nong Nurnie Mohd. Nistah (Curtin University Malaysia, Malaysia), King Hann Lim (Curtin University Malaysia, Malaysia), Saaveethya Sivakumar (Curtin University, Malaysia)	18
Review of Sensing Modalities for Physical Competency Assessment	
Daryl Loh (Curtin University Malaysia, Malaysia), King Hann Lim (Curtin University Malaysia, Malaysia), Po Ken Pang (Curtin University Malaysia, Malaysia), Alan Ka Wei Tiong (Curtin University Malaysia, Malaysia)	2
Predicting Ice Hockey Results Using Machine Learning Techniques	
Jeremiah S Chin (Curtin University, Malaysia), Filbert H. Juwono (Xi'an Jiaotong - Liverpool University, China), Ing Ming Chew (Curtin University Malaysia,	
Malaysia), Saaveethya Sivakumar (Curtin University, Malaysia), Wei Kitt Wong (Curtin University, Malaysia)	28
Artificial Intelligence Solutions in Managing HSE Risks and Incidents	
Fathia Farhana Agusalim, Ts. (Project Delivery & Technology (PD&T) & Petroliam Nasional Berhad (PETRONAS), Malaysia), Wan Asyraf Wan Hussin, Ts. (Project Delivery and Technology, Malaysia), Go Chang Hua (Project Delivery and Technology & Petroliam Nasional Berhad (PETRONAS), Malaysia), Eddie Chang Jee Ted (Project Delivery and Technology, Malaysia), Vickneshwaran Gonasergar (Project Delivery and Technology, Malaysia), Noraziman Tukiman (Project Delivery and Technology (PD&T) & PETRONAS, Malaysia)	ζ:
A Group Anonymity Based Federated Learning Framework	J.
Yaohui Zhang (University of Science and Technology of China, China), Feng Yang (University of Science and Technology of China, China), Xiaofeng Jiang (University of Science and Technology of China, China), Jian Yang (University of Science and Technology of China, China)	38
Influencing Culture Related Risks to Improve Project Success	
Arthur M. Wilson III (Curtin University, Australia), Brad Carey (Australia), Amma Buckley (Curtin University, Australia)	4
Factors Influencing Customers Loyalty Towards Online Food Delivery Applications in Klang Valley, Malaysia	
Sew Tiep Ho (Multimedia University, Malaysia), Goh Mei Ling (Multimedia University, Malaysia), Pei Pei Liew (Multimedia University, Malaysia)	5
How Flow Experience and Advertising Value Influence Purchase Intention Towards the Mobile Advertisement?	······· 3.
Goh Mei Ling (Multimedia University, Malaysia), Tan Seng Huat (Multimedia University, Malaysia), Tan Vee Dick (Kimmu Trading Sdn Bhd, Malaysia)	56
SMEs Digital Interaction on Social Media	
Mohd Hafiz Zakaria (Universiti Teknikal Malaysia Melaka, Malaysia), Amiruddin Ahamat (Universiti Teknikal Malaysia Melaka, Malaysia), Muhammad Haziq Lim Abdullah (Universiti Teknikal Malaysia Melaka, Malaysia), Kammal Ezzani Azamuddin (SMA Corporation Malaysia, Malaysia)	6:
Application of Artificial Neural Network Approach for the Kinetic Parameters Determination of Pyrolysis Aseptic Waste Packages	
Sharon Meng Xuang Goh (Curtin University Malaysia, Malaysia), Bridgid Lai Fui Chin (Curtin University Malaysia, Malaysia), Yie Hua Tan (Curtin University Malaysia, Malaysia), Chung Loong Yiin (Universiti Malaysia Sarawak, Malaysia), Zeinab Jawad (Qatar University & College of Engineering, Qatar), Dana H.	-
Abdeen (Qatar University, Qatar)	6
Blockchain-Based Data Sharing Framework for Malaysia Government Aid Management System	
Azman Azmi (Universiti Malaysia Sabah & Johor State Secretary Office, Malaysia), Farashazillah Yahya (Universiti Malaysia Sabah, Malaysia), Ervin Gubin Moung (Faculty of Computing and Informatics, Universiti Malaysia Sabah & Universiti Malaysia Sabah, Malaysia), Hasimi Sallehudin (Universiti Kebangsaan Malaysia, Malaysia), Rio Guntur Utomo (Telkom University, Indonesia)	7.
Tea Leaf Disease Identification Using Improved Convolution Neural Network	
Rajasekaran Thangaraj (KPR Institute of Engineering and Technology, India), Balasubramaniam Vadivel (KPR Institute of Engineering and Technology, India), Aravind T (KPR Institute of Engineering and Technology, India), Chandhru L (KPR Institute of Engineering and Technology, India), Harish K (KPR Institute of Engineering and Technology, India), Sivaraman Eswaran (Curtin University Malaysia)	78
Analysis of a Comparator for Low Delay, High Speed and Compact Area for Portable Device Application	
Dona Basak (Aprof, Bangladesh), Mahadi Hasan Miraz (Curtin University Malaysia, Malaysia), Hwang Ha Jin (Sunway University, Malaysia), Ferdaus Anam Jibon (Aprof & University of Information Technology & Sciences, Bangladesh), Satyendra N. Biswas (Ahsanullah University of Science and Technology, Bangladesh), Saaveethya Sivakumar (Curtin University, Malaysia), Hasib Mahmud (University of Barishal Bangladesh, Bangladesh)	8
Halal Logistic Use Behavior in Malaysia and UAE: The Role of Religious Faith, Image, Trust, Facilities, Performance, and Consumer Satisfaction	
Mahadi Hasan Miraz (Curtin University Malaysia, Malaysia), Abba Yau (Curtin University, Malaysia), Ferdoush Saleheen (UAE, United Arab Emirates), Hasib Mahmud (University of Barishal Bangladesh, Bangladesh), Anuwarul Kabir (CEO and University Utara Malaysia, Korea (South))	89
Preliminary Exploratory Study: Are HEPs Ready for Communication & Multimedia Micro Credentials Adoption in Malaysia?	
Kay Hooi Keoy (UCSI University & UCSI Education Sdn. Bhd, Malaysia), Javid Iqbal (UCSI University, Malaysia), Meng Chuan Ho (UCSI University, Malaysia), PeiBoon Ooi (Sunway University, Malaysia), Shaik Shabana Shabana Anjum (UCSI University, Malaysia), Yung Jing Koh (UCSI University, Malaysia), Sook Fern	
Yeo (Multimedia University, Malaysia), Wai Yee Teoh (UCSI University, Malaysia), Siew Yick Kek (UCSI University, Malaysia)	96

Automated Detection and Response to Cyberbullying Using Machine Learning	
Salmi Younes (Universite Paris Cite, France), Debabha Ramzi (University Paris Cite, France), Osman Salem (University of Paris Cité, France), Ahmed Mehaoua (University of Paris City, France)	N/A
Ensemble Deep Learning Based Real-Time Log Anomaly Detection	
Abhiram Puranik (PES University, India), Akanksha V Akkihal (PES University, India), Suhas R K (PES University, India), Dhanush Patel Y P (PES University, India), Mahesh H B (PES University, India)	106
Visual-Based Fall Detection Characterization Using YOLOv3 Algorithm	
Jilbert M Novelero (Mapua University, Philippines), Jennifer C. Dela Cruz (Mapua University, Philippines), Arianne Yari Artus (Mapua University Senior High School, Philippines), Alexander James Chan (Mapua University Senior High School, Philippines), Mark Adrian De La Cruz (Mapua University Senior High School, Philippines)	113
Automated Transformer Health Classification: Feature Weight Optimisation Using Differential Evolution	
Andrea Wong Saen Er (Curtin University Malaysia, Malaysia), Wei Kitt Wong (Curtin University, Malaysia), Ing Ming Chew (Curtin University Malaysia, Malaysia), Filbert H. Juwono (Xi'an Jiaotong - Liverpool University, China), Saaveethya Sivakumar (Curtin University, Malaysia), Chye Ing Lim (Curtin University Malaysia, Malaysia)	118
Social Media Influencer Marketing: A Game-Changer for Consumer Mobile Buying Decisions	
Sook Fern Yeo (Multimedia University, Malaysia), Cheng Ling Tan (Universiti Sains Malaysia), Lim Kah Boon (Multimedia University, Malaysia), En Yu	
Teo (Multimedia University, Malaysia), Liew Tze Wei (Multimedia University, Malaysia)	124
Machine Learning-Based Glucose Monitoring Techniques for Diabetes Management: A Review	
Harn Hsem Hwong (Curtin University, Malaysia), Saaveethya Sivakumar (Curtin University Malaysia, Malaysia), King Hann Lim (Curtin University Malaysia, Malaysia)	129
The New Wave of Live Buying: How Generation X is Revolutionizing Retail Through Social Media Live Streaming?	
Ying San Lim (Multimedia University, Malaysia), Sook Fern Yeo (Multimedia University, Malaysia), Tuan Hock Ng (Multimedia University, Malaysia), Li Zhou Chong (Multimedia University, Malaysia)	135
Thermal Analysis of 12 kV Environmental Protection Gas Insulated Switchgear	
Jing Zhao (Mapua University & Jiangxi Institute of Industrial Engineering, China), Jennifer Dela Cruz (School of EECE, Mapua University, Philippines), Marvin S Verdadero (Bicol State College of Applied Sciences and Technology & National Research Council of the Philippines, Philippines), Jilbert M Novelero (Mapua University, Philippines), Jacobs Control (Mapua University, Philippines)	1.41
University, Philippines), Jenette C Centeno (Mapua University, Philippines) Diabetes Detection Using Gait Analysis and Machine Learning	141
Lit Zhi Chee (Curtin University Malaysia, Malaysia), Harn Hsem Hwong (Curtin University Malaysia, Malaysia), Saaveethya Sivakumar (Curtin University Malaysia,	
Malaysia)	146
Science Mapping of Learner Behavior Analytics in Massive Online Open Courses Using Artificial Intelligence Guoqing Yue (National University, Philippines), Mideth Abisado (National University, Philippines)	153
Gait Analysis for Parkinson's Patients by Using Wrist Acceleration	
Calvin Su Hang Lau (Curtin University Malaysia, Malaysia), Saaveethya Sivakumar (Curtin University Malaysia, Malaysia), Wei Kitt Wong (Curtin University, Malaysia), Foad Motalebi (Curtin University Malaysia, Malaysia)	158
Learning Human Anatomy Using Augmented Reality Mobile Application	
Nur Atiqah Sia Abdullah (Universiti Teknologi MARA & College of Computing, Informatics and Media, Malaysia), Nur Shakila Sahira Rokmain (Universiti Teknologi MARA, Malaysia)	165
E-Voting System Improvised by Blockchain Technology: A Case Study	
Shekh Minhaz Uddin Deep (Zhejiang Sci-Tech University, China), Md Mosharof Hosen (Green University of Bangladesh, Bangladesh), Mohimatun Nisa (Green University of Bangladesh, Bangladesh), Md Gulzar Hussain (Changzhou University, China), Ye Shiren (Changzhou University, China)	170
Smart Energy Meter Implementation: Security Challenges and Opportunities	
J Remang Ak Jambi (Curtin University Malaysia, Malaysia), Wei Kitt Wong (Curtin University, Malaysia), Filbert H. Juwono (Xi'an Jiaotong - Liverpool University, China), Foad Motalebi (Curtin University Malaysia, Malaysia)	175
A Scoping Review of GAN-Generated Images Detection	
Say Kit Koh (Curtin University Malaysia, Malaysia), Wei Kitt Wong (Curtin University, Malaysia), Ing Ming Chew (Curtin University Malaysia, Malaysia), Filbert H. Juwono (Xi'an Jiaotong - Liverpool University, China), Saaveethya Sivakumar (Curtin University Malaysia, Malaysia)	182
Consumers' Intention to Use Drone Food Delivery Service: Belief-Desire-Intention Model and Big Five Personality Traits Approach	
Alvin Ling (Curtin University Malaysia, Malaysia), Joseph Sia (Curtin University Malaysia, Malaysia), Jie Min Ho (Curtin University Malaysia, Malaysia)	188
Understanding the Key Drivers of Intentions to Use Digital Banking Services in Malaysia Lim Kah Boon (Multimedia University, Malaysia), Sook Fern Yeo (Multimedia University, Malaysia), Chiu Shuang Tay (Multimedia University, Malaysia), Cheng	
Ling Tan (Universiti Sains Malaysia, Malaysia)	193
Energy Analysis of Hydrotreated Vegetable Oil as Renewable Fuel Using Chlorella Vulgaris Using Aspen Energy Analyzer	
Chui Ming Kuek (Curtin University Malaysia, Australia), Yie Hua Tan (Curtin University Malaysia, Malaysia), Inn Shi Tan (Curtin University, Malaysia), Bridgid Lai Fui Chin (Curtin University Malaysia, Malaysia), Mujawar Mubarak (Curtin University Sarawak, Malaysia), Peter nai yuh Yek (University of Technology Sarawak, Malaysia)	198
Review of Optimization Strategy in Pose Transfer	
Zong Qi Ooi (Curtin University Malaysia, Malaysia, Malaysia), King Hann Lim (Curtin University Malaysia, Malaysia)	203
Gamification of Teaching & Learning	
Jia Yi Lai (Curtin University Malaysia, Malaysia), Hedges Zhi Chao Yeu (Curtin University Malaysia, Malaysia), Wei Hang Lee (Curtin University Malaysia,	
Malaysia), Kai Siang Chong (Curtin University Malaysia, Malaysia), Saaveethya Sivakumar (Curtin University Malaysia, Malaysia), King Hann Lim (Curtin	200
University Malaysia, Malaysia)	208

Mangrove Tree Propagules Classification via Deep Learning	
Jenette C Centeno (Mapua University, Philippines), Jennifer Dela Cruz (School of EECE, Mapua University, Philippines), Arjay R. Alba (Bulacan State University & Mapua University, Philippines), Arlene A Romasanta (Department of Information and Communications Technology (DICT), Philippines), Alejandro H. Ballado, Jr.	
(Mapua Malayan Colleges Mindanao & Mapua University, Philippines), Jilbert M Novelero (Mapua University, Philippines)	214
Smart Tourism Technology Framework: A Gateway to Enhancing Tourists' Experiences and Psychological Behaviour	
Kwee Kim Peong (Multimedia Unviersity, Malaysia), Sook Fern Yeo (Multimedia University, Malaysia), Kwee Peng Peong (MLK Management Services, Malaysia), Cheng Ling Tan (Universiti Sains Malaysia, Malaysia), Solarin Sakiru Adebola (University of Nottingham, Malaysia), Lim Kah Boon (Multimedia University, Malaysia)	219
Application of ML in Crop Selection for Precision Agriculture	213
Somesh R. Dhawale (COEP Technological University Pune., India), Suhas Moreshwar Kakade (COEP Technological University & I. I. T. Bombay, India), Rohan	
Kulkarni (COEP, India), Fasil Muhammed (GEC Wayanad Kerala, India)	226
Estimation of Solar PV Plant Output Using LSTM-CNN Algorithm	
Shamali V. Mawande (COEP Technological University, India), Rohan Kulkarni (COEP, India), Suhas Moreshwar Kakade (COEP Technological University & I. I. T.	
Bombay, India), Ranjit Sadakale (COEP Technological University, India)	231
Design of Dashboard for Final Examination Moderation Reports	
Rosalyn R Porle (Universiti Malaysia Sabah, Malaysia), Mohd. Aizan Ermando (Pejabat Pendidikan Daerah Kota Kinabalu, Malaysia)	236
Estimation of Solar PV Power Plant Output Using Machine Learning Algorithms	
Mohit Kumar Shakya (COEP Technological University, India), Vijay Narhar Pande (COEP Technological University, India), Rohan Kulkarni (College of Engineering	
Pune, India), Suhas Moreshwar Kakade (COEP Technological University & I. I. T. Bombay, India)	240
Transceiver Design for Secure Wireless Communication Networks with IRS Using Deep Learning: A Survey	
Yik Heng Wong (Curtin University Malaysia, Malaysia), Choo Wee Raymond Chiong (Curtin University, Malaysia)	245
Hand Gesture Recognition Based on Deep Learning	
Jing Zhao (Mapua University & Jiangxi Institute of Industrial Engineering, China), Xiao Hua Li (Mapúa University, Philippines), Jennifer Dela Cruz (School of EECE, Mapua University, Philippines), Marvin S Verdadero (Bicol State College of Applied Sciences and Technology & National Research Council of the Philippines, Philippines), Jenette C Centeno (Mapua University, Philippines), Jilbert M Novelero (Mapua University, Philippines)	250
Fake Website Detection Using Machine Learning Algorithms	230
Md. Sajadul Islam (Green University of Bangladesh, Bangladesh), Nusrat Jahan Jyoti (Green University of Bangladesh, Bangladesh), Md. Solaiman Mia (Green University of Bangladesh, Bangladesh), Md. Solaiman Mia (Green University of Bangladesh, Bangladesh), Md Gulzar Hussain (Changzhou University, China)	255
Exploring the Transformation of Digital Tourism: Trends, Impacts, and Future Prospects	233
R Sivarethinamohan (Symbiosis Centre for Management Studies & Symbiosis International Deemed University Bengaluru India, India)	260
Nobile Phone Detection and Alcohol Detection with Engine Locking for the Prevention of Car Accidents	200
Hruday V Jain (University of Pune, VIT Pune, India), Hrishikesh Zope (VIT Pune, India), Harshita Jain (VIT Pune, India), Ishan Rakte (VIT Pune, India), Shital Raut (VIT Pune, India)	N/A
Performance Analysis of Hyperledger Fabric on Multiple Infrastructure Setup	
Nur Farahi Idris (Mimos Berhad, Malaysia), Muhammad Azlan Suhaimi (MIMOS Berhad, Malaysia), Mohd Shakir Zakaria (MIMOS Berhad, Malaysia), Ahmad Zuhairi Ismail (MIMOS Berhad, Malaysia)	273
Comparative Study of Point Cloud Classification Using Deep Learning Neural Networks	
Sia Chun Wan (Curtin University Malaysia, Malaysia), King Hann Lim (Curtin University Malaysia, Malaysia), Jonathan Then Sien Phang (Curtin University, Malaysia)	278
Review of 3D Sensing Modalities for 3D Pose Estimation	
Alan Ka Wei Tiong (Curtin University Malaysia, Malaysia), King Hann Lim (Curtin University Malaysia, Malaysia), Po Ken Pang (Curtin University Malaysia, Malaysia)	283
owards Expert Systems for Improved Customer Services Using ChatGPT as an Inference Engine	
Chinedu Pascal Ezenkwu (Robert Gordon University, United Kingdom (Great Britain))	288
Gait Recognition System: A Review	
Chyn Chyuan Wong (Curtin University Malaysia, Malaysia), Yi Chiew Han (Curtin University, Malaysia)	293
Exploratory Data Analysis of Walmart Outlets Sales Using Data Analytics Techniques	
Meaga Varsha Ramasami (KPR Institute of Engineering and Technology, India), Rajasekaran Thangaraj (KPR Institute of Engineering and Technology, India),	
Manoj Kumar S (Karpagam College of Engineering, India), Sivaraman Eswaran (Curtin University Malaysia, Malaysia)	298
ustainable Business Using Code-Switching Strategy in HMNS Digital Platform	
Menik Winiharti (Bina Nusantara University, Indonesia), Asri Wilujeng (Bina Nusantara University, Indonesia)	302
Digital Transformation: Al-Powered Bot Solutions and Automation for Customer Services Monerah Abdulrahman Al-Mekhlal (Saudi Aramco, Saudi Arabia), Mohammed Al-Buraik (Saudi Aramco, Saudi Arabia), Mohammad Al-Lubli (Saudi Aramco, Saudi Arabia)	200
Saudi Arabia) Sandar Swap Rehoot, Film Consumption, and Social Activism in "Ghosthusters" (2016)	308
Gender Swap Reboot, Film Consumption, and Social Activism in "Ghostbusters" (2016) Garda Dramastra (Bina Nusantara University, Indonesia), Ekky Imanjaya (Bina Nusantara University, Indonesia), Menik Winiharti (Bina Nusantara University, Indonesia) Indonesia)	215
Development of Software Cost Estimation and Resource Allocation Using Natural Language Processing, Cosine Similarity and Function Point Luqman Fanani Mz (Hasanuddin University, Indonesia), Zulkifli Tahir (Hasanuddin University, Indonesia), Ansar Suyuti (Universitas Hasanuddin, Indonesia)	
Behavioral Intention to Use e-Tax Systems: An Application of Technology Acceptance Model and Perceived Risk	320
Hana Putri Nadillah (Bina Nusantara University, Indonesia), Sarah Ardiana Saputri (Bina Nusantara University, Indonesia), Meiryani Meiryani (Binus University, Indonesia) Indonesia)	226
	3Zb
Heart Rate Estimation Using Remote Photoplethysmography and Deep Learning Per ling Log (Curtin University Malaysia,	
Ru Jing Lee (Curtin University Malaysia, Malaysia), Saaveethya Sivakumar (Curtin University Malaysia, Malaysia), King Hann Lim (Curtin University Malaysia), Adelson Lok Thien Chee (Curtin University Malaysia), Sie Yon Lau (Curtin University, Malaysia)	ววา
macystay, recision 256. Their circle (current directory manystay, manystay, manystay, manystay, manystay)	332

The Effect of Paylater Payment Method on Impulsive Buying of E-Commerce Users in Indonesia	
Juan Nicholas (Bina Nusantara University, Indonesia), Gilbert Ruben (Bina Nusantara University, Indonesia), Meiryani (Binus University, Indonesia)	337
Low Light Image Enhancement Through A Combination of Retinex Based Decomposition and Curve Estimation	
Shailender Kumar (Delhi Technological University, New Delhi, India), Anurag Hooda (Delhi Technological University, India), Anmol Sharma (Delhi Technological University, India), Abhishek Singh (Delhi Technological University, India)	N/A
Dynamic and Private Recommendation System	
Gee Yen Lo (Curtin University, Malaysia), Terence Peng Lian Tan (Curtin University of Technology, Sarawak, Malaysia)	350
The Correlation Between Hotel Employees' Technological Stress, IT Training, and Job Performance	
Dendy Rosman (Bina Nusantara University, Indonesia), Trias Septyoari Putranto (Bina Nusantara University, Indonesia), Yuliana Yuliana (Bina Nusantara University, Indonesia), Raden Kusdiana (Binus & Binus University, Indonesia), Ichwan Masnadi (Bina Nusantara University, Indonesia), Aditya Pratomo (Bina Nusantara University, Indonesia)	355
The Culinary Student Perspective in Using Augmented Reality for Practical Class Activity	333
Farah Levyta Azhar (Bina Nusantara University, Indonesia), Sarim Sarim (Bina Nusantara University, Indonesia), Raden Kusdiana (Binus & Binus University, Indonesia)	361
Development of 3D Scanned Environment in Virtual Reality	
Basil Andy Lease (Curtin University Malaysia, Malaysia), Dar Hung Chiam (Curtin University Malaysia, Malaysia), King Hann Lim (Curtin University Malaysia,	
Malaysia), Jonathan Then Sien Phang (Curtin University, Malaysia)	366
Optimizing Diabetes Classification with Support Vector Machine and SMOTEENN-Based Feature Selection	
Wee Boon Feng (Curtin University Malaysia, Malaysia), Harn Hsem Hwong (Curtin University, Malaysia), Saaveethya Sivakumar (Curtin University Malaysia, Malaysia), King Hann Lim (Curtin University Malaysia, Malaysia), Wei Kitt Wong (Curtin University, Malaysia), Ing Ming Chew (Curtin University Malaysia,	2-0
Malaysia), Meng Chung Tiong (Universiti of Technology Sarawak, Malaysia)	3/0
Deep Learning and SMOTEENN-Based Univariate Feature Selection Approaches for Diabetes Classification	
Wee Boon Feng (Curtin University Malaysia, Malaysia), Harn Hsem Hwong (Curtin University, Malaysia), Saaveethya Sivakumar (Curtin University Malaysia, Malaysia), King Hann Lim (Curtin University Malaysia, Malaysia), Wei Kitt Wong (Curtin University, Malaysia)	375
The Influences of NFC Technology Adoption on Visitor's Attitude and Intention to Visit Museum: A Study of Generation Z	3,3
Felicia Jovanka (Bina Nusantara University, Indonesia), Sadrakh Richardson (Bina Nusantara University, Indonesia), Paulina Kurnia Zabrina (Bina Nusantara	200
University, Indonesia), Maria Adiati (Bina Nusantara University, Indonesia), Dendy Rosman (Bina Nusantara University, Indonesia)	380
The Consequences of Digital Concierge Chatbots Acceptance on Hotel Guest Experience and Satisfaction at IHG Hotel and Resort Sadrakh Richardson (Bina Nusantara University, Indonesia), Felicia Jovanka (Bina Nusantara University, Indonesia), Dendy Rosman (Bina Nusantara University,	
Indonesia), Paulina Kurnia Zabrina (Bina Nusantara University, Indonesia), Maria Adiati (Bina Nusantara University, Indonesia)	386
Graph Convolutional Network Using Self-Attention Module in Point Cloud Classification	
Lai Bing Hui (Curtin University Malaysia, Malaysia), King Hann Lim (Curtin University Malaysia, Malaysia), Andy Zhi Sheng Yii (Curtin University Malaysia, Malaysia)	391
The Nexus Between Corporate Social Responsibility Performance and Audit Fee: The Malaysian Evidence	
Yenyen Yip (Multimedia University Malaysia, Malaysia)	396
Lower Limb Gait Estimation Using Foot Motion and Neural Network	
Jack Lee (Curtin University Malaysia, Malaysia), Ibrahim Malik (Curtin University Malaysia, Malaysia), Adelson Lok Thien Chee (Curtin University Malaysia, Malaysia), Saaveethya Sivakumar (Curtin University Malaysia, Malaysia)	400
Development of Apparel 360° - an AR Based Virtual Trial Room	
Anjana Sundari A M (R V College of Engineering, India), Dipesh Pareriya (RVCE, India), Viswavardhan Karna (RV College of Engineering, India)	407
Using Smartwatch Data to Estimate Motion Matthew Ik Soon Law (Curtin University Malaysia, Malaysia), Calvin Su Hang Lau (Curtin University Malaysia, Malaysia), Saaveethya Sivakumar (Curtin University	
Malaysia, Malaysia)	412
Managing Repatronage Intention with Technology Acceptance Model	
Laurencia Feriska (Bina Nusantara University, Indonesia), Anton Surya (Bina Nusantara University, Indonesia), Marcelino Yohanes (Bina Nusantara University, Indonesia), Tiurida Anita (Bina Nusantara University, Indonesia)	/10
Students' Perception on Biodiversity Mapping for Fieldwork Learning	419
Ai Chen Tay (Curtin University Malaysia, Malaysia), Wai Wah Low (Curtin University Malaysia, Malaysia), Yee Yong Tan (Curtin University Malaysia, Malaysia),	
Yeong huei Lee (Faculty of Engineering and Science, Curtin University Sarawak Campus, Malaysia)	424
Classification of Roof Construction Materials Using Satellite Images with Convolutional Neural Network	424
Cyd Laurence B. Santos (Technological Institute of the Philippines, Philippines), Ruji Medina (Technological Institute of Technology, Philippines), Jonathan V.	
Taylar (Professor, Technological Institute of the Philippines, Philippines)	427
E Learning Participation Intention Among Tertiary Students During Covid -19 Pandemic	127
Anushia Chelvarayan (Multimedia University, Malaysia), Sook Fern Yeo (Multimedia University, Malaysia), Jeremy Chan Soon Kiat (Multimedia University, Malaysia) Malaysia)	432
Attention-Based Bilateral LSTM-CNN for the Sentiment Analysis of Code-Mixed Filipino-English Social Media Texts	152
Reyjohn R Frias (Technological Institute of the Philippines - Quezon City & Pangasinan State University - San Carlos City Campus, Philippines), Ruji Medina	
(Technological Institute of Technology, Philippines), Ariel S Sison (Technological Institute of the Philippines - Quezon City, Philippines)	437
Deep Learning Neural Networks in Building Superstructure Classification	
Jonathan Then Sien Phang (Curtin University, Malaysia), King Hann Lim (Curtin University Malaysia, Malaysia), Chin Hong Lim (SafeT5 Sdn. Bhd., Malaysia)	442
Study of Archery Shooting Phases Using Joint Angle Profile	
Dar Hung Chiam (Curtin University Malaysia, Malaysia), Jonathan Then Sien Phang (Curtin University, Malaysia), King Hann Lim (Curtin University Malaysia,	447
Malaysia), Basil Andy Lease (Curtin University Malaysia, Malaysia)	44/

A Survey Research on the Fiber Optic Demand in the Philippines Using CART Analysis with Predictive ANN Model Creation	
Chrisjonpane F Lazaga (Polytechnic University of the Philippines, Philippines), Gerhard P. Tan (Polytechnic University of the Philippines & De La Salle University, Philippines), Marife A. Rosales (Polytechnic University of the Philippines & De La Salle University - Manila, Philippines)	452
The Impact of SBVR Adoption on Booking Intention in Ciputra Hotel Jakarta	
Christopherr Christopher (Bina Nusantara University, Indonesia), Vincent Kuonadi Karimun (Bina Nusantara University, Indonesia), Maria Pia Adiatii (Bina Nusantara University, Indonesia), Dendy Rosman (Bina Nusantara University, Indonesia)	459
Evaluating the Visitor Satisfaction on Cultural Heritage Digital Museum in Google Arts and Culture: A Study of Puppet Museum Jakarta	
Ichwan Masnadi (Bina Nusantara University, Indonesia), Dendy Rosman (Bina Nusantara University, Indonesia), Farah Levyta (Bina Nusantara University, Indonesia), Maria Adiati (Bina Nusantara University, Indonesia)	465
NavPES: Augmented Reality Redefining Indoor Navigation in the Digital Era	
Sundarramurthi M (PES University, India), Adithya Balasubramanyam (PES University, India), Ashok Kumar Patil (PES University, India)	469
Analyzing Bank Account Information of Nominees and Scammers in Thailand: Insights from ChaladOhn Website Data	
Therdpong Daengsi (Rajamangala University of Technology Phra Nakhon, Thailand), Patsita Sirawongphatsara (Rajamangala University of Technology Tawanok, Thailand), Phasita Pornpongtechavanich (Rajamangala University of Technology Rattanakosin & Industry and Technology, Thailand), Kasidis Arunruangsirilert	
(Waseda University, Japan)	474
Use of Recorded Video to Enhance Students' Learning in Measurement Units	
Wai Wah Low (Curtin University Malaysia, Malaysia), Kwong Soon Wong (Curtin University Malaysia, Malaysia), Shi Yee Wong (University of Technology Sarawak, Malaysia), Ai Chen Tay (Curtin University Malaysia, Malaysia)	479
Development of Mobile Apps for Miri Geology: Enhancing Student Learning	
Vera Hui Loo (Curtin University Malaysia, Malaysia), Prasanna Viswanathan (Curtin University of Technology, Malaysia), Siaw Fwu Kelvin Ling (Curtin University Malaysia, Malaysia, Malaysia, Malaysia, Fianita Anthony (Curtin University Malaysia, Malaysia), Foad Motalebi (Curtin University Malaysia, Malaysia)	484
Intention to Use RFID Toll Collection Systems in Malaysia: Benefits Versus Sacrifices	
Hasmida Jamaluddin (Multimedia University, Malaysia), Chia Shin How (Multimedia University, Malaysia), Siti Zakiah Melatu Samsi (Multimedia University, Malaysia)	490
Exploring 5G Data Rates: An Analysis of Thailand's Iconic Landmarks - the Grand Palace and Wat Arun	
Therdpong Daengsi (Rajamangala University of Technology Phra Nakhon, Thailand), Kasidis Arunruangsirilert (Waseda University, Japan), Patsita Sirawongphatsara (Rajamangala University of Technology Tawan-ok, Thailand), Kritphon Phanrattanachai (Phetchabun Rajabhat University & Electronics and	
Automation Engineering, Thailand), Thanawat Yochanang (King Mongkut's University of Technology North Bangkok, Thailand)	495