SCHEDULE FOR PAPER PRESENTATION
INVENT 2024
SACC CONVENTION CENTER

DAY 1: AUGUST 20, 2024

TIME	PLENARY HALL	ROOM 9 LEVEL 2	ROTUNDA LEVEL 2
Theme	Engineering	Computer Science	Education
Chair/Co-Chair	Prof . Dr Teoh Sian Hoon Mr. Furkan Mat Salleh	Prof. Ir. Ts. Dr . Solehuddin Shuib En. Mohammad Mubarrak Mod Yusof	Assoc. Prof. Dr. Nur Atiqah Sia Abdullah Ir. Dr Ashraf Azmi
10:30 - 10:45	Detection of Indonesian Sign Language System Using Convolutional Neural Network (CNN) with Nadam Optimizer (Alamsyah - 1571048822)	Assessing the Readiness of Startups and Small Businesses to Embrace Innovative Digital Branding Strategies (Aman Sharma - 1571002249)	The Effectiveness of Implementation AI Based STEM and Potential for Future Science Learning: Literature Review (Arif Widiyatmoko - 1571049184)
10:50 - 11:05	Enhancing AI Malware Detection Using Neural Network with Binary Data Analysis (Muhammad Sufi Afifi Abdul Sakti -1571036617)	Sales Forecasting Using Machine Learning Methods for Online Stores (Nur Adlina Mohd Shahar - 1571036187)	Impacting Underprivileged Communities with STEM-Robotics Innovation: The Alan Turing Institute's Public Engagement in Wales and Malaysia (Chew Esyin - 1571038441)
11:10 - 11:25	Enhancing Cognitive Radio Ad Hoc Networks: Integration of Q-Routing into Clustering Protocols (Nor Hafifah Mohd Zahir - 1571051848)	Taxpayers Education: A Key Strategy in Using Artificial Intelligence to Increase Tax Compliance in Indonesia (Ratih Damayanti - 1571051553)	The Use of AI Copilot in Minecraft Education Edition for Teacher Training: Enhancing Pedagogical Practices and STEM Learning (Nurshamsida Md Shamsudin - 1571053608)
11:30 - 11:45	Digital Transformation for the Management of Water Resources in Malaysia (Deepak Tirumishi Jada - 1571040359)	Recipe Recommendation Based on Food Ingredients Recognition Using Deep Learning (Muhamad Ridhwan Mohamad Razali - 1571056220)	Investigating Higher Education Students' Understanding on Ethics of Artificial Intelligence in STEAM Education (Siti Maftuhah Damio - 1571045675)
11:50 - 12:05	Smart Water Quality Monitoring with the Implementation of IoT (Siti Mariam Binti Abdul Rahman - 1571046356)	Car Damage Severity Assessment Using Supervised Deep Learning (Taufiq Mohamad - 1571048530)	A Pilot Study of a Group Activity Versus an Individually-Based Activity Among Medical Students Focused on the Preclinical Phase of Mahsa University, Malaysia (Lubna Shirin - 1571035710)
12:10 - 12:30	Assessment of Water Quality and Landuse Using GIS at Tasik Chini (Amnorzahira Amir - 1571059855)	Artificial Neural Network Modelling for Slope Stability Analysis of Slopes Stabilized with Piles Using Levenberg-Marquardt Algorithm (Noraida Mohd Saim - 1571039088)	The Effectiveness of Implementation Artificial Intelligence CANVA and Google Classroom in Problem Based Learning with the PMRI Approach to Improve Mathematical Literacy (Wardono - 1571049179)

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14:00 - 14:15	An Analysis of Disruptive Technologies in Urban Agriculture (Asma Rani Ramli - 1571051201)	A Bibliometrics Analysis: Research of Artificial Intelligence in Public Health Education (Dina Nur Anggraini - 1571048214)	Technology in Arts Education: Opportunities and Challenges for Preserving the Performing Arts (Agus Cahyono - 1571053155)
14:20 - 14:35	IoT-Robotic Medication Dispenser for Elderly Care (Suzilawati M-Kayat - 1571057477)	Screening of Tuberculosis (TB) and Coronavirus (COVID-19) Using Machine Learning (Nor Azimah Khalid - 1571051216)	Digitalisation Benefits in Fine Art and Artistic Studio Research (Rafeah Legino - 1571032282)
14:40 - 14:55	Mechanical and Morphological Properties of 3D Printed Scaffold for Tissue Engineering Application (Abdul Manaf Abdullah - 1571056970)	Simulation Study of Metal Absorption in Acid Mine Drainage with Biochar-CaO Composites Using the Hammerstein-Wiener Neural Model (Ashraf Azmi - 1571045526)	Artificial Intelligence in Translation Education: A Combination of Google Translate and Grammarly for Students' Accurate Translation Products (Rudi Hartono - 1571049470)
15:00 - 15:15	Development of Smart Parking Detection System with IoT Technology (Farah Adilah Mohd. Kasran - 1571057094)	Waste Management Classification Using Convolutional Neural Network (Hafizatul Hanin Hamzah - 1571048672)	Pre-Service English Teachers i-TPACK and Perceived Integration of AI-Based Tools in Teaching at A Public University (Johan Eddy Luaran - 1571054714)
15:20 - 15:35	Robust PID Control of Piezoelectric Actuators with Internet of Things Integration Using Blynk Application (Mohd Hazri Mohd Rusli - 1571054113)	Parkinson's Disease Detection Through Spiral Drawing Recognition Using Deep Learning Approach (Mrs. Farahnatasyah Abdul Hanan - 1571048740)	The Role of AI in Economics Education: An Analytical Review of Current Status and Future Outlook (Dyah M Nihayah - 1571051235)
15:35- 15:55	Development of Egg Hatcher with the Application of the Internet of Things (IoT) (Nurnida Elmira Binti Othman - 1571043760)	Anomaly Detection Model Combined with Attention Mechanisms for Chest X-Ray Images (Tan Yanli - 1571038146)	A Rapid Review of Literacy and Artificial Intelligence: The Future of Blended Learning (Ai Lin - 1571042746)

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16:15 - 16:30	Solar Panel Defect Detection and Panel Localization Using Yolov5 (Azliza Mohd Ali - 1571040323)	Does Artificial Intelligence Really Improve the World's Economy? Evidence from Cross Country-Level Data (Andryan Setyadharma - 1571051413)	Artificial Intelligence in Education (Makhmudova Umida Ural Kizi - 1571053149)
16:35 - 16:50	Bio-Inspired Based Optimization on Internet of Vehicles in Vehicular Adhoc Communication (Mrs. Shahirah Mohamed Hatim-1571051571)	Multi-Stages of Alzheimer's Disease Classification Using Deep Learning (Firzana Eiwany Mashi Khairil Mashi - 1571051522)	Embracing Artificial Intelligence as a Catalyst for Change in Reshaping Malaysian Higher Education in the Digital Era: A Literature Review (Oh Chai Lian - 1571060608)
16:55 - 17:10	Digital Transformation Barriers in the Malaysian Construction Industry: Staff Competency, and Company Initiatives (Siti Rashidah Mohd Nasir - 1571039191)	Exploring the Relationship Between Digital Literacy and Information Security Culture Toward IR 4.0 Among Administrative and Diplomatic Officers (ADO) in Malaysia (Mohd Sharulnizam Kamarulzaman - 1571057955)	The Impact of ChatGPT on Character Transformation in Educational Settings in Indonesia: A Scoping Review (Mulawarman - 1571048629)
17:15 - 17:30	Potential Applications of Artificial Intelligence (AI) for Malaysian Construction Industry (Eeydzah Aminudin - 1571039276)	Hydrogen Recovery Analyses Based on LOGSIG Activation Functions in Feedforward Neural Networks (Dr. Iylia Idris - 1571049286)	Assessing Instructors Confidence and Challenges in Integrating AI in Their Practices (Parmjit Singh - 1571053492)

DAY 2: AUGUST 21, 2024

TIME	PLENARY HALL	ROOM 9 LEVEL 2	ROTUNDA LEVEL 2
Theme		Engineering	Education
Chair/Co-Chair		Prof. Dr. Nabilah Abdullah Prof. Dr Teoh Sian Hoon	Prof. Ir. Ts. Dr . Solehuddin Shuib Ts. Norhazlin Khairudin
08:30 - 09:00	**HYBRID WORKSHOP ON ARTIFICIAL INTELLIGENCE (AI)**		
9:00 - 9:20	*Exploring Ai Tools for Research*	Analysis and Visualization of Political Sentiments on Twitter Using Machine Learning Algorithms (Norlina Mohd Sabri - 1571047867)	A Direction for AI Education: An Investigation of Digital Skills Among Undergraduate Students (Fazyudi Ahmad Nadzri- 1571039295)
9:25 - 9:45	by	Artificial Intelligence in Enterprise Architecture: A Review of Innovations, Integration Challenges, and Ethical Considerations (Nur Azaliah Abu Bakar - 1571056977)	Integrating Gen-AI in Authentic Scenario-Based Assessment for Sustainable Chemical Engineering Education (Nurul Asyikin Md Zaki - 1571045557)
09:50: - 10:10	**Mrs Roslinde Rahmat** Neuromerge Resources Centre of Generative Ai Co9p MTDC-UPM **Time: 08:30 am till 10:00 am**	Pre-Processing Framework for Semi-Structured Medical Data (Azliza Mohd Ali - 1571042631)	Exploring Ethical Dilemmas of AI Generative Tools Among Higher Education Students: A Systematic Review (Abdulfatai Ismail - 1571046242)

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10:30 - 10:50	**HYBRID WORKSHOP ON ARTIFICIAL INTELLIGENCE (AI)** *Explainable AI*	Intelligent Packaging Film for the Detection of Lactic Acid Concentration During Fermentation in Durian (Siti Noor Suzila Maqsood-Ul-Haque - 1571039159)	Exploring the Synergy of Learning Experience Platforms (LXP) with Artificial Intelligence for Enhanced Educational Outcomes (Nurshamshida Md Shamsudin - 1571035826)
10:55 - 11:15	by	Empirical Evaluation of Spectrum-Based Fault Localization (SBFL) Techniques in Software Fault Localization (Nadhratunnaim Nasarudin - 1571051880)	Leveraging Quizizz Data for Enhancing AI Education (Noorsuhana Mohd Yusof - 1571045588)
11:20 - 11:40	**Engr. Jodie Ray D. Fernandez** Head of Center for Artificial Intelligence University of Science and Technology of Southern Phillipines **Time: 10:30 am till 11:30 am**	Optimizing Security Compliance in Bring Your Own Device (BYOD) Through a Hybrid Approach (Norkhushaini Awang - 1571052182)	
11:45 - 12:05	**HYBRID WORKSHOP ON ARTIFICIAL INTELLIGENCE (AI)** *AI for Social Good*	Data-Driven Decision-Making for Classification of Diabetic Retinopathy Using Convolutional Neural Network (CNN) in a Clinical Decision Support System (CDSS) (Nuriyah Mohamad Zakaria - 1571048927)	
12:10 - 12:30	by **Engr. Mark Lister V. Nalupa** Chairman Department of Computer Engineering University of Science and Technology of Southern Phillipines **Time: 11:30 am till 12:30am**		