

Technical Program

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Parallel Session 1 (On-site): Artificial Intelligence, Machine Learning & Data Science

- **Unlocking Consumer Sentiment: Random Forest's Unprecedented Accuracy in Analyzing Amazon Mobile Phone Reviews**
Ramzi A. Haraty (Lebanese American University, Lebanon)
[1571203337]
- **Adaptive Window Size TransUNet for Energy-Efficient Edge Computing**
Kenta Takasawa (Nihon University, Japan); Nobuaki Kobayashi (Nihon University, Japan)
[1571207997]
- **Ensemble Method by Deep Learning in Brain-Computer Interface Using Composite Motor Imagery for Increasing Classification Class Numbers**
Ryo Kashima (Nihon University, Japan); Nobuaki Kobayashi (Nihon University, Japan)
[1571208022]
- **The Impact of Artificial Intelligence (AI) on Engineering Students' Academic Development: A Perspective from Bangladeshi Private Universities**
Md. Rounakul Islam (Southeast University, Bangladesh); Sofi Mahmud Parvez (Southeast University, Bangladesh); Md. Asif Hossain (Southeast University, Bangladesh)
[1571208193]
- **Code Prism: A Multi-Agent, Multi-LLM, Semantic Indexing Artifact for Regulatory Code Audits - a Design Science Research Study**
Ahmed Naufal Abdul Hadee (Research & Development National Cyber Security Agency, Maldives); Mohamed Riznee (Research & Development National Cyber Security Agency, Maldives)
[1571209073]
- **Browser-Native Edge AI for Healthcare Digital Transformation: A Lightweight Multimodal Memory Twin Framework**
Sinan Chen (Kobe University, Japan); Kiyoshi Yasuda (Osaka Institute of Technology, Japan); Takuya Nakata (Kobe University, Japan); Masahide Nakamura (Kobe University, Japan)
[1571210103]
- **Improving the Precision of Predicting Campus Placement Patterns and Trends: A Comparison of Random Forests and Logistic Regressions**
Badhri Harsha Vardhan (Saveetha School of Engineering, India)
[1571195124]

Parallel Session 2 (On-site): Computing, Innovation & Emerging Technologies (General Track)

- **Machine Learning-Based Encryption Algorithm Selection Framework for IoT Devices**
Qi Ming Ng (Asia Pacific University of Technology, Malaysia); Julia Juremi (Asia Pacific University of Technology & Innovation, Malaysia); Nor Azlina Abd Rahman (Asia Pacific University of Technology & Innovation, Malaysia)
[1571165464]
- **Empirical Evaluation of Learner Satisfaction in an Adaptive Recommender System Using the LSQ Framework**
Ryan Clifford Larraquel Perez (Asia Pacific University of Technology & Innovation (APU), Malaysia & Marinduque State University, Philippines); Preethi Subramanian (Asia Pacific University of Technology and Innovation, Malaysia)
[1571165494]
- **AI Generative Tools: Redefining Learning for Malaysian University Students**
Glaret Shirley Sinnappan (Tunku Abdul Rahman University of Management and Technology, Malaysia)
[1571167128]
- **Labzcon: Bridging Theory and Practice with a Continuous-Access Remote Laboratory for Higher Education**
Ramya M V (JSS Academy of Technical Education, India); Prakash R (The National Institute of Engineering, India)
[1571192064]
- **Quantized Compact 3D-CNN with High Classification Accuracy in Motor Imagery Brain-Computer Interface**
Nobuaki Kobayashi (Nihon University, Japan); Musashi Ino (Nihon University, Japan)
[1571208175]
- **Modeling and Forecasting Carbon Dioxide Emissions in Bangladesh Using ARIMA: A Time-Series Analysis with Policy Implications**
Md. Asif Hossain (Southeast University, Bangladesh); Md. Rounakul Islam (Southeast University, Bangladesh); Sofi Mahmud Parvez (Southeast University, Bangladesh)
[1571208188]

Parallel Session 3 (Online): IoT, Cloud Computing & Edge Technologies

- **A Voting Ensemble Based Learning Model for Malicious Traffic Identification Using Internet of Things**

Shaziya Islam (Westford University, India); Sumaiya Thaseen (De Montfort University, United Kingdom (Great Britain)); Benita Kalistus Jimci Veronica (University Senior Lecturer & Curtin University Dubai, United Arab Emirates); Febin Antony (Westford University, United Arab Emirates)

[1571150705]

- **The Cloud Computing Penetration in Small and Medium Enterprises: a Case of Saudi Arabia**

Martin Lukas (Czech University of Life Sciences Prague & MIM Consulting Ltd., Czech Republic); Michael Anderle (Czech University of Life Sciences Prague, Czech Republic)

[1571157811]

- **Towards a Digital Twin for Environmental Sensing: a Modular Open-Source IoT Architecture**

Manuel Andruccioli (University of Bologna, Italy); Giovanni Delnevo (University of Bologna, Italy); Roberto Girau (University of Bologna, Italy); Pietro Manzoni (Universitat Politècnica de València, Spain); Silvia Mirri (University of Bologna, Italy); Paola Salomoni (University of Bologna, Italy)

[1571164927]

- **Digital Finance Meets IOT: Designing Event -Driven Architectures with FOG and Cloud Integration**

Rahul Bhatia (Hcl & None, USA)

[1571174445]

- **Design and Development of an Intelligent Access Control System Using Real-Time Facial Recognition for Smart Door Automation**

Hamdi Liwaul Labaran (Skyline University Nigeria, Nigeria); Umar Shehu Muhammad (Skyline University Nigeria, Nigeria); Umar Sunusi Umar (Skyline University Nigeria, Nigeria); Muhammad Ehsan Rana (Asia Pacific University of Technology and Innovation, Malaysia); Ahmad Shehu Daradara (Skyline University Nigeria, Nigeria)

[1571179226]

- **Comparative Analysis of CNN and SVM on Waste and Toxic Detection in Underwater**

Padmasri Tadakapalli (Saveetha School of Engineering & SIMATS Engineering, India); Padmasri Sri (Saveetha School of Engineering, India)

[1571197737]

Parallel Session 4 (Online): Cybersecurity, Privacy, and Digital Forensics

- **Secure Satellite Data Transmission Protocol: Leveraging Lightweight Cryptography and Firefly-Inspired Synchronization for IoT and Networks**
Mritsha Sridhar, Jr ('SSE SIMATS', India & Teesside University, United Kingdom (Great Britain))
[1571188771]
- **Automated Dark Web Intelligence for Monitoring Stealer Logs**
Seyedmostafa Safavi (Asia Pacific University of Technology and Innovation, Malaysia); Shahab Alizadeh (Asia Pacific University, Malaysia); Md Shahariar Jaman (Asia Pacific University, Malaysia)
[1571203275]
- **Cryptanalysis A52 GSM Security Algorithm Using Innovative Clustering Technique**
Basim Sahar Yaseen (Shatt Al-Arab University College, Iraq); Fatima Yahya Yousif (Almaaqaal University, Iraq)
[1571204418]
- **DeDroid-Sec: A Web-Based Machine Learning System for Android Vulnerability Analysis and Reporting**
Kaya Emre Arikan (Gazi University, Turkey); Ercan Yilmaz (Gazi University, Turkey); Sait Melih Dogan (Gazi University, Turkey)
[1571205722]
- **Federated Learning for Gender-Based Harassment Detection: A Privacy-First Approach to Online Safety**
Hemalata Vasudavan (Asia Pacific University, Malaysia); Tia Ermita Vasudavan (Asia Pacific University of Technology and Innovation, Malaysia)
[1571209704]

Parallel Session 5 (Online): Digital Transformation, Sustainability & Smart Technologies

- **E-Sports in MENA: Future or Fad?**

Yara Abdelmawgod (Nile University, Egypt); Mohamed Awany (Nile, Egypt); Hebatalla Kaoud (The Graduate School of Management of Technology, Nile University, Egypt)

[1571176221]

- **Knowledge, Awareness, and Practice of Computer Ergonomics and Hand-Related Symptoms**

Reem Basuodan (Princess Nourah bint Abdulrahman University, Saudi Arabia); Huda Almarshad (Princess Nourah bint Abdulrahman University, Saudi Arabia); Wasayf Almutairi (Princess Nourah bint Abdulrahman University, Saudi Arabia); Aseel Alrasheed (Princess Nourah bint Abdulrahman University, Saudi Arabia); Shereen Alhuwaiti (Princess Nourah bint Abdulrahman University, Saudi Arabia); Nada Alamri (Princess Nourah bint Abdulrahman University, Saudi Arabia); Raghad Aljomah (Princess Nourah bint Abdulrahman University, Saudi Arabia)

[1571178989]

- **Intelligent Battery Management System Utilizing Neural Network for Accurate State of Charge Prediction in Electric Vehicles**

Ammal Dhanalakshmi M (Saveetha School of Engineering, India); Joshua Christopher (Saveetha School of Engineering, India); Jaana Nithish (Saveetha School of Engineering, India)

[1571194676]

- **Analysis of Data Usage in Equipment Health Meter for a Comparative Study Between IOS and WEB Platform for Higher Data Consumption Utilization**

Keerthi P (Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Saveetha University, Chennai, India, India); Bharatha Devi, N (Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Saveetha University, Chennai, India, India)

[1571197740]

- **A Framework for Developing a Mobile System to Empower Malaysia's Elderly for a Physical, Emotional, and Mental Well-Being**

Khalida Shajaratuddur Harun (Asia Pacific University of Technology & Innovation, Malaysia); Xin Yee Lee (Asia Pacific University of Technology & Innovation, Malaysia); Amad Arshad (Asia Pacific University of Technology & Innovation, Malaysia); Deepak A (Dean, India)

[1571200868]

- **Analysis of Students' Perception on Learning Effectiveness of Using Video Learning Methods in Foreign Language Learning**

Nadine Shakira Rahma (Bina Nusantara University, Indonesia); Yohanes Michael Setiawanto (Bina Nusantara University, Indonesia); Jovinnus ' (Bina Nusantara University, Indonesia); I Gusti Karmawan (Bina Nusantara University, Indonesia)

[1571206939]

- **Health Risk Assessment of Particulate Matter Exposure Using High-Resolution Temporal Data**

Ainul Fatimah Binti Mohamed (Spectrum International University College, Malaysia); Sanmathy Annathurai (Spectrum International University College, Malaysia); Siva Sunasundram (Spectrum International University College, Malaysia); Huang Hai, Hai Huang (Zhu Hai College of Science and Technology, Hong Kong); Tet Khuan Chen (Asia Pacific University of Technology & Innovation, Malaysia); Subasree Ramish (Asia Pacific University of Technology and Innovation, Malaysia)

[1571208124]

Parallel Session 6 (Online): Digital Transformation, Sustainability & Smart Technologies

- **Bridging Cost & Precision in sEMG: A Cross-Device Validation of Low-Cost and High Precision Sensors for Musculoskeletal Research**

Duratul Ain Zabor (Spectrum International University College, Malaysia); Chai Shin Jwu (Spectrum International University College, Malaysia); Tet Khuan Chen (Asia Pacific University of Technology & Innovation, Malaysia); Tze-Wei Lim Shaun (Asia Pacific University of Technology & Innovation, Malaysia); Wei-Yang Chen (Asia Pacific University of Technology & Innovation, Malaysia); Seyedmostafa Safavi (Asia Pacific University of Technology and Innovation, Malaysia)

[1571208128]

- **Using sEMG Solution for Muscle Strength Assessment: Validating Feasibility of a Low-Cost Sensor in Point-of-Care Applications**

Duratul Ain Zabor (Spectrum International University College, Malaysia); Siva Sunasundram (Spectrum International University College, Malaysia); Muhammad Ehsan Rana (Asia Pacific University of Technology and Innovation, Malaysia); Ngan Kuen Lai (Asia Pacific University of Technology and Innovation, Malaysia); Wei-Yang Chen (Asia Pacific University of Technology & Innovation, Malaysia)

[1571208134]

- Addressing the Static Nature of University Curriculum Design in Egypt**
Mohamed Gaber Elabyad (The Graduate School of Management of Technology Nile University, Egypt); Alaa Eldin Adris (The Graduate School of Management of Technology Nile University, Egypt); Hebatalla Kaoud (The Graduate School of Management of Technology, Nile University, Egypt)
[1571208257]
- A Taxonomy of Information System and Public Value Quality Factors for E-Participation in Smart Government Services**
Hemalata Vasudavan (Asia Pacific University, Malaysia)
[1571209540]
- CTF Gamified Learning Acceptance Among Malaysian Students**
Nor Azlina Abd Rahman (Asia Pacific University of Technology & Innovation, Malaysia); Zaireeda Fauzee (Asia Pacific University of Technology and Innovation Malaysia, Malaysia); Noris Ismail (Asia Pacific University of Technology and Innovation, Malaysia); Nik Sakinah Nik Ab Aziz (Independent Researcher, Malaysia); Nor Afifah Sabri (Universiti Tunku Abdul Rahman & UTAR Kampar, Malaysia)
[1571163818]
- A Hybrid Metaverse Framework for Gamified and Interactive Virtual Campus Tours**
Sagar Prema Rajan (Asia Pacific University of Technology & Innovation (APU), Malaysia); Siti Azreena Mubin (Asia Pacific University, Malaysia)
[1571166207]
- Evaluating Response Time in Hardware System Failure Rate by Magnifying System Maintenance Through iOS and Web Applications**
N Deepa (Saveetha Institute of Medical and Technical Sciences, India)
[1571194157]

Parallel Session 7 (Online): Artificial Intelligence, Machine Learning & Data Science

- **Reducing Vulnerability and Waiting Times in Surgical Scheduling Using Mathematical Optimization**
Fabián Silva Aravena (Ciencias Sociales y Económicas, Chile); Jenny Morales (Ciencias Sociales y Económicas, Chile)
[1571131961]
- **Enhancing Solar Energy Generation Forecasting Through Machine Learning and Weather Pattern Analysis**
Raja Rajeswari Ponnusamy (Asia Pacific University of Technology and Innovation & Asia Pacific University, Malaysia)
[1571157775]
- **Dynamic Skill Evolution Prediction in Organizations: a Temporal Graph Neural Network Approach for Adaptive Career Path Optimization**
Sabar Aritonang Rajagukguk (Bina Nusantara University, Indonesia)
[1571162214]
- **AI-Powered Reviewer Assignment: a Machine Learning and Social Network-Based Framework for Automated Peer Review Optimization**
Geetha Nadarajan (Sunway University, Malaysia); Muaadh Mukred (Sunway University, Malaysia); Noridayu Adnan (Universiti Kebangsaan Malaysia, Malaysia); Ramesh Balakrishnan (OpusSoft Sdn Bhd, Malaysia); Waleed Abdulkafi Ahmed (Academic Director of International Modern Arabic School, Malaysia)
[1571166178]
- **Detection of Parkinson's Disease Through Voice Analysis Using Shimmer and Jitter Techniques with Machine Learning(SVM)**
Mahasen Khalil El Dimassi, Mahasin (Beirut Arab University, Lebanon)
[1571166527]
- **Reducing Bank Customer Attrition with Machine Learning and Predictive Analytics**
Hamda Isa Muhammad (Skyline University Nigeria, Nigeria); Mahaseen Usman Attah (National Commission for Refugees, Migrants and Internally Displaced Persons, Nigeria); Umar Sunusi Umar (Skyline University Nigeria, Nigeria); Siva Sunasundram (Spectrum International University College, Malaysia); Hajara Sunusi Umar (Maryam Abacha American University of Niger, Niger)
[1571178924]

- **Design and Implementation of a Random Forest Based Intelligent System for Crop Yield Prediction in Precision Agriculture**

Hauwa Sadiq Kassim (Skyline University Nigeria, Nigeria); Hamdi Liwaul Labaran (Skyline University Nigeria, Nigeria); Abdullahi Sani (Skyline University Nigeria, Nigeria); Jamal Zaidi (Spectrum International University College, Malaysia)

[1571178966]

Parallel Session 8 (Online): Computing, Innovation & Emerging Technologies (General Track)

- **Enumeration of Metric Bases in Butterfly Networks Using the BIGS Algorithm and Analysis of Beacons Resolving Powers**

Abigail M V (Saveetha School of Engineering, India); Simon Raj Francis (Saveetha School of Engineering, India)

[1571195216]

- **Cataloguing Metric Bases in Benes Networks Through BIGS Algorithm and Evaluation of Beacons Resolving Powers**

Simon Raj Francis (Saveetha School of Engineering, India); Libin Bright J M (SIMATS Engineering, Saveetha Institute of Medical and Technical Sciences, India)

[1571195219]

- **Climate-Air Quality Nexus: Interactions Between Meteorological Variables and Pollution Episodes**

Jamal Zaidi (Spectrum International University College, Malaysia); Sanmathy Annathurai (Spectrum International University College, Malaysia); Yit Wah Au (Asia Pacific University of Technology and Innovation, Malaysia); Zainab Ehsan (Asia Pacific University of Technology and Innovation, Malaysia); Subasree Ramish (Asia Pacific University of Technology and Innovation, Malaysia); Naresh Kumar (Asia Pacific University of Technology and Innovation, Malaysia)

[1571208032]

- **Leveraging Educational Technologies for Classroom Behavior Analysis: A Systematic Review and Critical Analysis of Current Methodologies and Applications**

Raziff Hamsan (Spectrum International University College, Malaysia); Jamal Zaidi (Spectrum International University College, Malaysia); Tet Khuan Chen (Asia Pacific University of Technology & Innovation, Malaysia); Muhammad Ehsan Rana (Asia Pacific University of Technology and Innovation, Malaysia); Naresh Kumar (Asia Pacific University of Technology and Innovation, Malaysia)

[1571208034]

- Machine Learning Approaches for Predictive Air Quality Monitoring in Urbanized Island Ecosystems**
Subasree Ramish (Asia Pacific University of Technology and Innovation, Malaysia)
[1571208048]
- Spatiotemporal Analysis of Wind-Driven Pollutant Dispersion in Coastal Microclimates**
Subasree Ramish (Asia Pacific University of Technology and Innovation, Malaysia)
[1571208049]

Parallel Session 9 (Online): Artificial Intelligence, Machine Learning & Data Science

- Design and Implementation of a Diabetes Prediction Model with Meal and Lifestyle Recommendations**
Amina Suleiman Ibrahim (Skyline University Nigeria, Nigeria); Hauwa Yakubu Isah (Skyline University Nigeria, Nigeria); Fabián Silva Aravena (Ciencias Sociales y Económicas, Chile); Maryam Sunusi Umar (Maryam Abacha American University of Niger, Niger)
[1571178975]
- VidRePro: an End-to-End Video Recreation System Powered by Multimodal Large Language Models**
Huang Hai, Hai Huang (Zhuhai College of Science and Technology, Hong Kong)
[1571179035]
- Enhancing Pest Control in Agriculture Plantation Using CNN Algorithm Image Processing Compared with Naive Bayes (NVB)**
Nallamilli P G Bhavani (Saveetha School of Engineering, SIMATS, India); Lohith Reddy (Saveetha School of Engineering, India)
[1571193308]
- Efficient Accuracy Comparison of Toxic Comment Detection with Support Vector Machine [SVM] Compared over Random Forest Algorithm**
Charlyn Pushpa Latha III (SIMATS, SSE & Nil, India)
[1571194268]
- Improving Accuracy in VPN and TOR Traffic Detection System Using Decision Tree Algorithm Compared with ANN Algorithm**
G S Annie Grace Vimala (SIMATS, India); Jeelani Basha Syed (Engineering, India)
[1571194629]

- **Consider the Use of Resnet-50 and Convolutional Neural Network for Predicting If an Image is a Deepfake or an Authentic Photograph**

Mary Valantina G (Saveetha University, India); Bhargav Naidu (Saveetha University, India)

[1571195174]

- **Insurance Claim Prediction and Risk Assessment Using Machine Learning**

Lakshmi Prasanna. P (Saveetha School of Engineering, India); G Ramkumar (Saveetha School of Engineering, India)

[1571195426]

Parallel Session 10 (Online): Artificial Intelligence, Machine Learning & Data Science

- **Coral Net: A Comparative Analysis of DenseNet and MobileNet for Efficient Coral Health Monitoring**

Prathik Kumaar Bala Murugan (Saveetha Institute of Medical and Technical Sciences, India); Deepak A (Dean, India)

[1571197699]

- **Classification of Diabetic Foot Ulcer Using VGG19 Compared with VGG16 to Improve Accuracy**

Badri Nathan (Saveetha School of Engineering, SIMATS & SIMATS, India); Deepak A (Dean, India); V Rajinikanth (Saveetha School of Engineering, SIMATS, India)

[1571198336]

- **Enhanced Accuracy in Concrete Crack Recognition Using a Novel MobileNet Compared over CNN with Gradient Descent Algorithm**

Atmakuru Jyoshna (Saveetha School of Engineering, India)

[1571200565]

- **Forest Fire Detection Using Novel Feedforward Neural Network in Comparison with Convolutional Neural Network with Enhanced Accuracy**

M Varun (Saveetha School of Engineering, India); S. Kalaiarasi (Saveetha School of Engineering, India)

[1571200574]

- **Technology Acceptance Meets Beauty Tech: How Augmented Reality Innovativeness, Perceived Usefulness, and Ease of Use Affect Consumer Attitudes and Cosmetic Purchases Online**

Amalia Susanti (Bina Nusantara University, Indonesia); Bernadette Devi Susanto (Bina Nusantara University, Indonesia); Meiliana Gildauli (Bina Nusantara University, Indonesia); Lianna Wijaya (Binus University, Indonesia); Bhakti Parashar (Vellore Institute of Technology Bhopal University, India); Hardiyansyah Hardiyansyah (Binus University, Indonesia)

[1571200878]

- **Neural Network Autoregression (NNAR) Model for Rice Price Forecasting in West Java, Indonesia**

Syarifah Diana Permai (Bina Nusantara University & Universitas Bina Nusantara, Indonesia)

[1571201194]

- **AI-Chatbot Adoption and Continuance Intention in the Banking Sector: An Empirical Study**

Ridho Bramulya Ikhsan (Bina Nusantara University, Indonesia); Erick Fernando (Universitas Multimedia Nusantara, Indonesia); Yudhita Valen Prasarry (Binus University, Indonesia); Yuniarty Yuniarty (Binus University, Indonesia); Ahmad Fakhrorazi (Universiti Utara Malaysia, Malaysia); Yudi Fernando (Bina Nusantara University, Indonesia)

[1571202387]

Parallel Session 11 (Online): Computing, Innovation & Emerging Technologies (General Track)

- **Design of Novel RCF-SRR Antenna with Slotted TCF-SRR Antenna to Enhance RF Performance for s-Band Application**

S.asif Sharif (Saveetha University, India)

[1571208023]

- **Simulation and Comparison of the Return Loss and VSWR of Novel 2x2 SRR Based Fractal Array Antenna and 2x2 SRR Microstrip Array Antenna for s Band Applications**

Yashaswi Yashaswi.c (Saveetha University, India)

[1571208028]

- A Comparative Analysis of Noise Mitigation Techniques for Low-Cost sEMG**
Ainul Fatimah Binti Mohamed (Spectrum International University College, Malaysia); Sanmathy Annathurai (Spectrum International University College, Malaysia); Nurul Asyira Roslin (Spectrum International University College, Malaysia); Muhammad Ehsan Rana (Asia Pacific University of Technology and Innovation, Malaysia); Zainab Ehsan (Asia Pacific University of Technology and Innovation, Malaysia)
 [1571208104]
- Noise Characterization in Low-Cost sEMG: Identifying and Analyzing Noise Sources for Portable Muscle Strength Diagnostics**
Raziff Hamsan (Spectrum International University College, Malaysia); Zainab Ehsan (Asia Pacific University of Technology and Innovation, Malaysia); Duratul Ain Zabor (Spectrum International University College, Malaysia); Tze-Wei Lim Shaun (Asia Pacific University of Technology & Innovation, Malaysia); Wei-Yang Chen (Asia Pacific University of Technology & Innovation, Malaysia)
 [1571208112]
- Characterizing the Signal Fidelity and Temporal Precision of the Noraxon sEMG Sensor for Hand Gesture Recognition**
Duratul Ain Zabor (Spectrum International University College, Malaysia); Chai Shin Jwu (Spectrum International University College, Malaysia); Zainab Ehsan (Asia Pacific University of Technology and Innovation, Malaysia); Ngan Kuen Lai (Asia Pacific University of Technology and Innovation, Malaysia); Muhammad Ehsan Rana (Asia Pacific University of Technology and Innovation, Malaysia); Wei-Yang Chen (Asia Pacific University of Technology & Innovation, Malaysia)
 [1571208133]

Parallel Session 12 (Online): Computing, Innovation & Emerging Technologies (General Track)

- Optimizing Low-Cost Sensor Networks for Tropical Air Quality Surveillance**
Ainul Fatimah Binti Mohamed (Spectrum International University College, Malaysia); Kamalanathan Shanmugam (Asia Pacific University of Technology & Innovation (APU), Malaysia); Siva Sunasundram (Spectrum International University College, Malaysia); Huang Hai, Hai Huang (Zhuhai College of Science and Technology, Hong Kong); Tet Khuan Chen (Asia Pacific University of Technology & Innovation, Malaysia); Subasree Ramish (Asia Pacific University of Technology and Innovation, Malaysia)
 [1571208138]

- **Development and Implementation of an IoT-Based Secure Key Fob System for Enhanced Vehicle Access Control**
Hong Rui Yi (Asia Pacific University of Technology and Innovation, Malaysia); Muhammad Ehsan Rana (Asia Pacific University of Technology and Innovation, Malaysia); Kamalanathan Shanmugam (Asia Pacific University of Technology & Innovation (APU), Malaysia); Muhammad Hussain Rana (Asia Pacific University of Technology and Innovation, Malaysia); Raziff Hamsan (Spectrum International University College, Malaysia); Nurul Asyira Roslin (Spectrum International University College, Malaysia)
[1571208161]
- **Metric Dimension and Fault Tolerant Variants of Certain Johnson Graphs $J(n,3)$ Using Extended BIGS Algorithm**
Simon Raj Francis (Saveetha School of Engineering, India)
[1571208366]
- **Technology Adoption and User Acceptance of Continuous Glucose Monitoring (Cgm) in Supporting Type 2 Diabetes Remission**
Syarorany Abdul Razak (Asia Pacific University of Technology and Innovation, Malaysia); Kohila Malar Kalesamy (Asia Pacific University of Technology and Innovation, Malaysia)
[1571208721]
- **Exploring the Role of Artificial Intelligence in Advancing Sustainable Development**
Khaled Abdulsalam Hassan Abbas (Asia Pacific University of Technology and Innovation, Malaysia); Muhammad Ehsan Rana (Asia Pacific University of Technology and Innovation, Malaysia); Raziff Hamsan (Spectrum International University College, Malaysia); Mahmood Mohammed Ali Qaid (Asia Pacific University of Technology and Innovation, Malaysia); Nurul Asyira Roslin (Spectrum International University College, Malaysia)
[1571209271]