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Saturday, April 7

Registration (8.00 am - 3.30 pm)

A11 : Engineering Technology & Industry Applications

Room : Room 1

Chairs: Velluruzhathil John Kurian (Universiti Teknologi PETRONAS, Malaysia), Noor-Ajlan Mohd-Lair (Universiti Malaysia Sabah & School of Engineering and Information Technology, Malaysia)

- 08:40 **A Design for Fuse IC Inbuilt Memory Saving Element** 1
Shashank Bhatnagar (Amity University, Rajasthan, India); Vanchhit Khare (Amity University Rajasthan, Jaipur, India)
- 09:00 **An Investigation on Effect of Rebar on Structural Behaviour for Wall-Slab System** IIIY
Siti Isma Hani Ismail (Universiti Teknologi MARA, Pulau Pinang & Board of Engineers Malaysia, Green Building Index (GBI), MGBC, Malaysia); Min Yee (Board of Engineering Malaysia & Institution of Engineer Malaysia, Malaysia)
- 09:20 **Fenton-like Oxidation of Reactive Black 5 Solutions Using Acid Activated Kuala Kangsar clay** II·
Hamizura Hassan (Universiti Teknologi Mara, Malaysia); Wan Zuraida Wan Kamis (University Technology MARA, Malaysia)
- 09:40 **Simulation based Process Improvement in Palm Oil Industry: A case study at palm kernel department** IIII·Q
Noor-Ajlan Mohd-Lair (Universiti Malaysia Sabah & School of Engineering and Information Technology, Malaysia); Jason Min (Universiti Malaysia Sabah, Malaysia); Willey Liew (Universiti Malaysia Sabah, Malaysia); Rosalam Sarbatly (Universiti Malaysia Sabah, Malaysia)
- 10:00 **Large Scale Integration of a Flywheel Energy Storage System with a Distributed Generation System and Its Economical & Environmental Impacts on Industries in Pakistan** IIIIE·
Zamiyad Dar (TetraPak, University of Engineering & Technology, Lahore Pakistan & Pakistan Engineering Council, Pakistan)
- 10:20 **Wireless Sensor Network For Laser Cutting Process Application** IIIEQ
Hashim Edin (Universiti Sains Malaysia, Malaysia); Muhammad Qayum Omar (Universiti Sains Malaysia, Malaysia); Mohzani Mokhtar (Universiti Sains Malaysia, Malaysia); Othman Bin Sidek (CEDEC, University of Science Malaysia(USM), Malaysia); Muhamad Azman Bin Miskam (Universiti Sains Malaysia, Malaysia)

B11 : Applied Sciences & Technologies

Room : Room 2

Chairs : Azman Kasim (Universiti Teknologi Mara, Malaysia), Ajitha Angusamy (Multimedia University, Malaysia)

- 08:40 **Pharmacology evaluation of Litsea garciae (Lauraceae)** IIIH·
Clifford Junaidi (Universiti Teknologi MARA Sarawak, Malaysia); Khong Heng Yen (Universiti Teknologi MARA, Malaysia); Nurr Maria Seruji (Universiti Teknologi MARA Sarawak, Malaysia)
- 09:00 **Hybrid genetic algorithm for coordinated production and transportation planning problem** IIIHI
Mohamed Khaled Omar (Nottingham University Business School Malaysia, Malaysia); Ajitha Angusamy (Multimedia University, Malaysia)
- 09:20 **Absorption and Upconversion of (Nd³⁺/Er³⁺) doped Tellurite Glass** IIIH†
Azman Kasim (Universiti Teknologi Mara, Malaysia)

- 09:40 **Electrodeposited Cobalt and Its Alloys Nanocoating: A Brief Review** TH
Koay Mei Hyie (Universiti Teknologi Mara, Malaysia); Wan Normimi Abdullah (Universiti Teknologi Mara, Malaysia); Nor Azrina Resali (Universiti Teknologi Mara, Malaysia)
- 10:00 **Detection of Deep Reservoir via Various Frequencies in CSEM Survey** It
Muhammad Ridhwan Jamal (Electrical and Electronic Engineering, University Teknologi PETRONAS, Malaysia); Hasnah Mohd Zaid (UTP, Malaysia); Noorhana Yahya (Universiti Teknologi Petronas, Malaysia); Afza Shafie (UTP, Malaysia)
- 10:20 **GChem: Learning Basic Concepts in Chemistry Using MS Excel VBA** OH
Borhannuddin Arifin (University Technology MARA, Malaysia)

C11	: Electrical Engineering & ICT
Room	: Room 3
Chairs	: Hussain Al Abdulqader (University of Nizwa, Oman), Ujwala Belorkar (S.G.B.Amravati university, India)

- 08:40 **Development and Simulation of PIE Encoder Architecture for UHF RFID Reader based on FPGA** t
Azlina Ibrahim (Universiti Teknologi MARA, Malaysia); Ismarani Ismail (University Technology MARA & UiTM, Malaysia); Ahmad Tarmizi Bin Abdullah (Universiti Teknologi Mara, Malaysia)
- 09:00 **Evaluation of Random Node Shutdown in Wireless Sensor Network for Improving Energy Efficiency** YT
Hasnorhafiza Husni (Universiti Teknologi Mara, Malaysia); Nur Idawati Md Enzai (Universiti Teknologi MARA & Dungun Campus, Malaysia); Nurul Ashikin Mohd Rais (University of Teknologi MARA, Malaysia); Zulzilawati Jusoh (Universiti Teknologi MARA, Malaysia)
- 09:20 **Dynamic Short Distance Estimation using Ultrasonics** QA
Hussain Al Abdulqader (University of Nizwa, Oman)
- 09:40 **Design of Permanent Magnet Synchronous Machines of a direct-driven generator with Emetor & FLUX2D** OI
Aasim Ullah (Norwegian University of Science & Technology (NTNU) Royal Institute of Technology (KTH) & Smartmotor, Norway); Mohammad Istiaque Reja (Chittagong University of Engineering & Technology (CUET), Bangladesh); Fahad Mirza (Ahsanullah University of Science & Technology (AUST) & Bangladesh Open Source Network, Bangladesh); Hafiz Ahmed (Ahsanullah University of Science & Technology, Bangladesh)
- 10:00 **Implementation of Genetic Algorithm for Optimizing DNA Sequence Alignment** tA
Syed Abdul Mutalib Al Junid (Universiti Teknologi MARA, Malaysia); Zulkifli Abd. Majid (Universiti Teknologi MARA, Malaysia); Nooritawati Md Tahir (Universiti Teknologi MARA, Malaysia); Muhammad Adib Haron (Universiti Teknologi MARA, Malaysia)
- 10:20 **Effect of Growth Duration to the Electrical Properties of Zn Doped SnO₂ Thin Film toward Humidity Sensor Application** tY
Nor Diyana Md sin (Universiti Teknologi MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

10:40 - 11:00
Morning Coffee/Tea Break

A12	: Engineering Technology & Industry Applications (Cont)
Room	: Room 1
Chairs	: Velluruzhathil John Kurian (Universiti Teknologi PETRONAS, Malaysia), Noor-Ajian Mohd-Lair (Universiti Malaysia Sabah & School of Engineering and Information Technology, Malaysia)

- 11:00 **Removal of methylene blue from aqueous solution by adsorption onto NaOH-treated rambutan peel** III·AE
Rasyidah Alrozi (Universiti Teknologi MARA Pulau Pinang, Malaysia); Norashikin Ahmad Zamanhuri (Universiti Teknologi MARA Pulau Pinang, Malaysia); Mohamed Syazwan Osman (Faculty of Chemical Engineering, Universiti Teknologi MARA, Malaysia)
- 11:20 **Biosynthesis of Silver Nanoparticles using Pink Guava Waste Extract (PGWE)** III·A†
Norashikin Ahmad Zamanhuri (Universiti Teknologi MARA Pulau Pinang, Malaysia); Rasyidah Alrozi (Universiti Teknologi MARA Pulau Pinang, Malaysia); Mohamed Syazwan Osman (Faculty of Chemical Engineering, Universiti Teknologi MARA, Malaysia)
- 11:40 **Wavelet Analysis and Auto-associative Neural Network based Fault Detection and Diagnosis in an Industrial Gas Turbine** III·AH
Tamiru Alemu Lemma (Universiti Teknologi PETRONAS, Malaysia); Fakhruldin Mohd Hashim (Universiti Teknologi PETRONAS, Malaysia)
- 12:00 **Truss Spar Platform Motions for Combined Wave, Current and Wind Forces** III·AA
Velluruzhathil John Kurian (Universiti Teknologi PETRONAS, Malaysia); Montasir Osman Ahmad (Universiti Teknologi PETRONAS, Malaysia); Mohd Shahir Liew (Universiti Teknologi PETRONAS, Malaysia)
- 12:20 **Analysis of Factors Threatening the Success of Freight Movement in Malaysia** III·D
Mimi Suriani Mat Daud (Mara University Of Technology, Malaysia)
- 12:40 **Conceptual Framework of Design Study on Façade of Hi-deck Bus Using FRP Composite** III·E·
Yusof Shaha (Universiti Teknologi MARA, Malaysia); Mohd Al Hafiz Albalkhis (Universiti Teknologi Mara, Malaysia); M. Shaleh Mujir (Universiti Teknologi MARA, Malaysia)

B12	: Applied Sciences & Technologies (Cont)
Room	: Room 2
Chairs	: Azman Kasim (Universiti Teknologi Mara, Malaysia), Ajitha Angusamy (Multimedia University, Malaysia)

- 11:00 **Degradation of Rhizophora Apiculata Dye Solutions under Sunlight Exposure** III·E0
Azlina Baha (Universiti Teknologi MARA Negeri Sembilan, Malaysia); Noorakmar Hidayah Mohamed Hashini (Universiti Teknologi MARA Negeri Sembilan, Malaysia); Nurul Auni Zainal Abidin (Universiti Teknologi MARA Negeri Sembilan, Malaysia); Nurul Huda Abdul Halim (Universiti Teknologi MARA Negeri Sembilan, Malaysia); Ropisah Me (Universiti Teknologi MARA Negeri Sembilan, Malaysia); Suhaiza Hasan (Universiti Teknologi MARA Negeri Sembilan, Malaysia)
- 11:20 **Positivity-Preserving Interpolation using Rational Generalized Ball Functions** I - 11
Samsul Ariffin Abdul Karim (Universiti Teknologi Petronas, Malaysia)
- 11:40 **Intelligent Brain Hemorrhage Diagnosis Using Artificial Neural Networks** II·E†
Ushani Balasooriya (Informatics Institute Of Technology, Sri Lanka); Udayangi Perera (Informatics Institute of Technology, Sri Lanka)
- 12:00 **Respiratory Flow Estimation Using Data Fusion Techniques** II·H†
Débora Stefanello (Centro Universitário do Maranhão, Brazil); Jose Ahirton B. Lopes, Filho (Universidade Estadual do Maranhão, Brazil); Juan Moises Mauricio Villanueva (Universidade Federal de Campina Grande, Brazil); Will R M Almeida (Centro Universitário do Maranhão, Brazil)

C12	: Electrical Engineering & ICT (Cont)
Room	: Room 3
Chairs	: Hussain Al Abdulqader (University of Nizwa, Oman), Ujwala Belorkar (S.G.B.Amravati university, India)

- 11:00 **2.45 GHz Gilbert Mixer Using 45 nm CMOS Technology** II·TA
Ujwala Belorkar (S.G.B.Amravati university, India); Siddharth Ladhake (Sipna College of Engineering & Technology, India); Sujata Kale (SGB Amravati University, Amravati, India)
- 11:20 **The Performance of Diversity Techniques with Linear Maximum-Likelihood Decoder Complexity** II·TO
Nurul Ashikin Mohd Rais (University of Teknologi MARA, Malaysia); Hasnorhafiza Husni (Universiti Teknologi Mara, Malaysia); Zulzilawati Jusoh (Universiti Teknologi MARA, Malaysia)
- 11:40 **Grid Task Scheduling in P2P Desktop Grids** II·OA
Rosenah A Halim (Universiti Teknologi MARA, Malaysia); Siti Z. Z. Abidin (Universiti Teknologi MARA, Malaysia); Rohaya Latip Latip (Universiti Putra Malaysia, Malaysia)
- 12:00 **Usage of Enterprise Information System (EIS) among SMEs in the East Coast of Malaysia: A Preliminary Study** III·OY
Rugayah Hashim (Universiti Teknologi MARA & UiTM, Malaysia); Nursyahida Zulkifli (Universiti Teknologi Mara, Malaysia); Jasmine Ahmad (Universiti Teknologi MARA, Malaysia)
- 12:20 **A Balanced Scorecard Approach in Evaluating IT projects in the Public Sector** III·YE
Noor Habibah Hj Arshad (, Malaysia); Fauziah Ahmad (Universiti Teknologi MARA, Malaysia); Hariaty Mohd Idrus (Universiti Teknologi MARA, Malaysia)
- 12:40 **A Novel Algorithm for Inverse Halftoning Using LUT Approach and Pattern Labeling** III·YQ
Alireza Liaghat (Shiraz University, Iran); Farshad Rassaei (Shiraz University, Iran)

13:00 - 14:00

Lunch

A13	: Built Environment
Room	: Room 1
Chairs	: Kien Hwa Ting (Universiti Teknologi MARA (UiTM), Malaysia), Min Yee (Board of Engineering Malaysia & Institution of Engineer Malaysia, Malaysia)

- 14:00 **Critical Review of Published Research on Building Insulation: Focus on Building Components and Climate** II·QE
Syed Ahmad Farhan (Universiti Teknologi PETRONAS, Malaysia); Khamidi Mohd Faris (Universiti Teknologi PETRONAS, Malaysia); Ahmad Mahamad Al Yacoubi (Universiti Teknologi PETRONAS, Malaysia); Arazi Idrus (Universiti Teknologi PETRONAS, Malaysia); Muhd Fadhil Nuruddin (Universiti Teknologi PETRONAS, Malaysia)
- 14:20 **Case Study of Wind-Induced Natural Ventilation Tower in Hot and Humid Climatic Conditions** II·QI
Chin Haw Lim (Solar Energy Research Institute, Universiti Kebangsaan Malaysia, Malaysia); Omidreza Saadatian (Solar Energy Research Institute, Universiti Kebangsaan Malaysia, Malaysia); Baharuddin Ali (Solar Energy Research Institute, Universiti Kebangsaan Malaysia, Malaysia); Sohif Mat (Solar Energy Research Institute, Universiti Kebangsaan Malaysia, Malaysia); Mohamad Yusof Sulaiman (Universiti Kebangsaan Malaysia, Malaysia); Kamaruzzaman Sopian (National University of Malaysia, Malaysia)
- 14:40 **Effects of Urban Canyons and Thermal Comfort in Persian Gulf** II·IT
Masoud Dalman (University Putra Malaysia, Malaysia); Elias Salleh (University Putra Malaysia, Malaysia); Omidreza Saadatian (Solar Energy Research Institute, Universiti Kebangsaan Malaysia, Malaysia)

Malaysia); Chin Haw Lim (Solar Energy Research Institute, Universiti Kebangsaan Malaysia, Malaysia); Kamaruzzaman Sopian (National University of Malaysia, Malaysia)

- 15:00 **Guidelines for Internal Arrangement of Islamic House** III·IA
Zalikhah Amar (Universiti Teknologi MARA, Malaysia); Zulhabri Ismail (Universiti Teknologi MARA & Legal Aspects in Built Environment, Malaysia); Hafez Salleh (Universiti Malaya, Malaysia)
- 15:20 **Assessing Social Equity Factors and Dwellers' Desirability Perception of Compact City Centre Residing** III·AO
Golnaz Mortezaei (University Technology of Malaysia, Malaysia)

B13 : Applied Sciences & Technologies 2

Room : Room 2

Chairs : Oskar Hasdinor Hassan (Universiti Teknologi MARA, Malaysia), Azlina Baha (Universiti Teknologi MARA Negeri Sembilan, Malaysia)

- 14:00 **Airwaves Effect in Sea Bed Logging for Shallow Water Environment** III·AA
Muhammad Khairil Khairuddin (Universiti Teknologi PETRONAS, Malaysia); Hasnah Mohd Zaid (UTP, Malaysia); Afza Shafie (UTP, Malaysia); Noorhana Yahya (Universiti Teknologi Petronas, Malaysia)
- 14:20 **Screening and Isolation of Lipolytic, Amylolytic and Cellulolytic Thermophiles from Hulu Langat Hot Spring, Selangor** III·EAT
Norashirene Mohamad Jamil (Universiti Teknologi MARA, Malaysia); Aida Rosliza Sulaiman (Universiti Teknologi MARA, Malaysia); Nurul Fithriah Md Amin (Universiti Teknologi MARA, Malaysia); Nurul Sharina Mohamad Rosli (Universiti Teknologi MARA, Malaysia)
- 14:40 **The activated carbon as anti-odour coated and pigment printed fabric** III·E·A
Tuan Sharifah Mas Eza Syed Mamat (Universiti Teknologi MARA, Malaysia)
- 15:00 **Some Studies on Shape Memory Alloy Friction Spun Yarn** III·E·Y
Mohd Razis Rahim (Universiti Teknologi MARA, Malaysia)
- 15:20 **Eye and Mouth Movements Extraction for Driver Cognitive Distraction Detection** III·EEA
Afizan Azman (Loughborough University & Multimedia University, United Kingdom); Qinggang Meng (Loughborough University, United Kingdom); Eran Edirisinghe (Loughborough University, United Kingdom); Hartini Azman (Multimedia University & Center of Diploma Program, Malaysia)

C13 : Humanities and Management

Room : Room 3

Chairs : Tomas Tichy (Technical University of Ostrava, Czech Republic), Noor Sidek (UiTM, Malaysia)

- 14:00 **An Application of an n-dimensional Fuzzy Smoothing Filter in Financial Modeling** III·EEY
Tomas Tichy (Technical University of Ostrava, Czech Republic); Michal Holčápek (Centre of Excellence IT4Innovations Division of University of Ostrava, Czech Republic)
- 14:20 **Estimating An Optimal Threshold Value for Foreign Investment in Malaysia** III·EHE
Noor Sidek (UiTM, Malaysia)
- 14:40 **Gender and influence tactics among university administrative employees** III·EHO
Rugayah Hashim (Universiti Teknologi MARA & UiTM, Malaysia); Nooraini Mohamed Ismail (Universiti Teknologi Mara, Malaysia); Marni Ghazali (Universiti Teknologi MARA, Malaysia)

15:00 **Job Satisfaction among the Technical and Operational Personnel of the Royal Malaysia Police Communication Division** ■■■ET·
Rugayah Hashim (Universiti Teknologi MARA & UiTM, Malaysia); Nooraini Mohamed Ismail (Universiti Teknologi Mara, Malaysia); Noordellhan Yahaya (Royal Malaysia Police, Malaysia)

15:20 **An Empirical Research on Relationship Between Demand, People and Awareness Towards Training Needs: A Case Study In Malaysia Halal Logistics Industry** ■■ETY
Khazizul Maulod Pahim (UiTM & MITRANS, Malaysia); Sabariah Jemali (Faculty of Business Management, UiTM, Malaysia); Syed Jamal Abdul Nasir Syed Mohamad (Faculty of Business Management, UiTM, Malaysia)

15:40 - 16:00

Afternoon Coffee/Tea Break

A14 : Built Environment (Cont)
Room : Room 1
Chairs : Kien Hwa Ting (Universiti Teknologi MARA (UiTM), Malaysia), Min Yee (Board of Engineering Malaysia & Institution of Engineer Malaysia, Malaysia)

16:00 **criteria for selection of service provider - Malaysian experience** ■■■EOE
Mohd Khairi Kurdi (Universiti Teknologi Mara, Malaysia); Asniza Hamimi Abdul Tharim (Universiti Teknologi Mara Perak, Malaysia); Noraidawati Jaffar (Universiti Teknologi Mara Perak, Malaysia); Balkhiz Ismail (Universiti Teknologi MARA Sarawak, Malaysia); Mohammad Nasharudine Shuib (Universiti Teknologi MARA Perak, Malaysia); Ismail Yusof (Universiti Teknologi MARA Perak, Malaysia); Abdul Muhaimin Ab Wahid (Universiti Teknologi Mara, Malaysia); khairul Anuar Ma'arof (Universiti Teknologi Mara Sarawak Malaysia, Malaysia)

16:20 **Empirical Modeling on Sediment Loss Assessment for Disturbed Land using MUSLE and Gauging Weirs** ■■■EO†
Min Yee (Board of Engineering Malaysia & Institution of Engineer Malaysia, Malaysia)

16:40 **Tropical Green Building Rating Systems: A Comparison between Green Building Index and BCA Green Mark** ■■■EYH
Kien Hwa Ting (Universiti Teknologi MARA (UiTM), Malaysia)

17:00 **Goods Distribution Centre Services Infrastructures in Peninsular Malaysia** ■■■EYA
Mohd Sabri Mohd Arip (Universiti Teknologi MARA, Malaysia); Mohamed Noor Mohid (Mohamed Noor Mohid, Malaysia); Abdul Malek A. Tambi (Abdul Malek A. Tambi, Malaysia); Idrus Abd Shukor (Idrus Abd Shukor, Malaysia)

17:20 **A Framework of Logistics Village in Reducing The Problem Regarding Goods Transportation in Peninsular Malaysia** ■■■EOH
Mohd Sabri Mohd Arip (Universiti Teknologi MARA, Malaysia); Mohamed Noor Mohid (Mohamed Noor Mohid, Malaysia); Abdul Malek A. Tambi (Abdul Malek A. Tambi, Malaysia); Idrus Abd Shukor (Idrus Abd Shukor, Malaysia)

C14	: Humanities and Management (Cont)
Room	: Room 3
Chairs	: Tomas Tichy (Technical University of Ostrava, Czech Republic), Noor Sidek (UiTM, Malaysia)

- 16:00 **Residential Satisfaction; Meaning and Interpretation** ||||EQA
Mehdi Sam (University Kebangsaan Malaysia, Malaysia); Muhammad Fauzi Mohd Zain (University Kebangsaan Malaysia, Malaysia); Omidreza Saadatian (Solar Energy Research Institute, Universiti Kebangsaan Malaysia, Malaysia)
- 16:20 **Optical Flow based Obstacle Avoidance for the Visually Impaired** ||||E†I
Dulanja Liyanage (Informatics Institute of Technology, Sri Lanka); Udayangi Perera (Informatics Institute of Technology, Sri Lanka)
- 16:40 **Model for Assessing Research Activity by Sustainability Index Using Fuzzy AHP** ||||EAA
Thoedtida Tipparat (Prince of Songkla University, Thailand)
- 17:00 **Assessing the Link Between Trade Openness and Output Growth in Malaysia: An Econometric Assessment** ||||EAY
Sahidah Zakariah (Universiti Teknologi MARA & Malaysia Institute of Transport, Malaysia); Jaafar Pyeman (Universiti Teknologi MARA, Malaysia)

20:00 - 20:00
Gala Dinner

Sunday, April 8

R2: Registration (8.00 am - 1.00 pm)

A21	: Mechanical Engineering and ICT
Room	: Room 1
Chairs	: Syed Alwee Aljunid (Universiti Malaysia Perlis, Malaysia), Syed Abdul Mutalib Al Junid (Universiti Teknologi MARA, Malaysia)

- 08:40 **Green Air Conditioner With Double Cooling Effect** || - ||
M. S. Murthy (College of Engineering and Technology, Bambhori, Jalgaon, India); Sanuj Agrawal (College of Engineering and Technology, Bambhori, Jalgaon, India); Sumit Naik (College of Engineering and Technology, Bambhori, Jalgaon, India); Sunil Mogal (SSBT COET Bambhori Jalgaon, India); Bhushan Patil (SSBT COET Bambhori Jalgaon, India)
- 09:00 **Silk Pneumatic Artificial Muscle (SPAM) construction for Bio-Medical Engineering Application** ||||HAE
Krishnan (Universiti Teknologi PETRONAS & Maxwell College, Malaysia); Nagarajan T (Universiti Teknologi Petronas (UTP), Malaysia); Ahmad Majdi Abdul-Rani (Universiti Teknologi PETRONAS, Malaysia); Tadimallla V V L N Rao (Universiti Teknologi PETRONAS, Malaysia)
- 09:20 **Optimising injection moulding parameters that satisfies part qualities by using Taguchi method** ||||HAAQ
Othman Mohd Hilmi (Universiti Tun Hussein Onn Malaysia, Malaysia); M. Amin Sri Yulis (Universiti Tun Hussein Onn Malaysia, Malaysia)
- 09:40 **Performance of Noise Removal Methods with Image Quality Parameter on μ -Focused Digital Radiographic Image** ||||H·H
Suhaila Abd Halim (Universiti Teknologi MARA, Malaysia)
- 10:00 **Simulation of Thermal Performance in an Office Building** ||||H·†
Siti Khatijah Abu Bakar (Universiti Tun Hussein Onn Malaysia, Malaysia); Abd Halid Abdullah (Universiti Tun Hussein Onn Malaysia, Malaysia)

- 10:20 **Evaluating IQRA' Multimedia Learning Application** ||||HEI
 Arifah Fasha Rosmani (Universiti Teknologi MARA, Malaysia); Nadia Abdul Wahab (Universiti Teknologi MARA, Malaysia); Norfiza Ibrahim (Universiti Teknologi MARA, Malaysia)

B21	: Engineering Technology and Built Environment
Room	: Room 2
Chairs	: Zulhabri Ismail (Universiti Teknologi MARA & Legal Aspects in Built Environment, Malaysia), Amirhossein Malakahmad (Universiti Teknologi PETRONAS, Malaysia)

- 08:40 **Industrialised Building System (IBS) Construction: Measuring the Perception of Contractors in Malaysia** ||||HEI
 Natasha Dzulkalnine (Construction Research Institute of Malaysia, Malaysia); Kamarul Anuar Mohamad Kamar (Construction Research Institute of Malaysia, Malaysia); Zuhairi Abd Hamid (Construction Research Institute of Malaysia, Malaysia)

- 09:00 **Property development: The influence of demographic changes on the actors and the Malaysian housing demand (preferences) - preliminary findings (housing consumers)** ||||HHT
 Hafiszah Ismail (Universiti Teknologi MARA & UiTM, Malaysia); Abdul Hadi Nawawi (Universiti Teknologi MARA, Malaysia); Zainal Mat Saat (Universiti Teknologi MARA, Malaysia)

- 09:20 **Prohibited Manoeuvre for Automobile Navigation Mapping Industries** ||||HTE
 Noorzalinee Ghazali (Universiti Teknologi MARA, Malaysia); Wan Wan Shahidan (Universiti Teknologi MARA, Malaysia); Zuraini Din (Politeknik Sultan Ahmad Shah, Malaysia); Hamlussalam Md. Dali (Universiti Teknologi MARA, Malaysia)

- 09:40 **Application of Occupational Health and Safety Management System at Sewage Treatment Plants** ||||HTQ
 Amirhossein Malakahmad (Universiti Teknologi PETRONAS, Malaysia); Alan G. Downe (Universiti Teknologi PETRONAS, Malaysia); Siti Dhamina Muhamad Fadzil (Universiti Teknologi PETRONAS, Malaysia)

- 10:00 **Readiness for Collaboration in Construction Projects: The Views of Main Contractors** ||||HO
 Siti Hamidah Abdull Rahman (Universiti Teknologi MARA, Malaysia); Nasruddin Faisal (Universiti Teknologi MARA, Malaysia); Intan Rohani Endut (Universiti Teknologi MARA, Malaysia)

- 10:20 **Axle Overloading At The Southern Part Of The North-South Expressway In Malaysia** ||||HOQ
 Osama Mahmoud (Malaysia Institute of Transport (MITRANS) & University of Technology Mara, Malaysia); Mohamed Hafez (Universiti Teknologi MARA, Malaysia); Intan Rohani Endut (Universiti Teknologi MARA, Malaysia); Md Yunus Wahab (Malaysia Institute of Transport, Malaysia); Bahardin Baharom (Universiti Teknologi MARA, Malaysia)

C21	: Economics, Business and Management
Room	: Room 3
Chairs	: Rohana Kamaruddin (Universiti Teknologi MARA, Malaysia), Reza Behmanesh (Khorasan Isfahan Branch, Islamic Azad University, Iran)

- 08:40 **Neuropolitics and Political Non-Apology: A Proposed Variable Framework** ||||HYH
 Rugayah Hashim (Universiti Teknologi MARA & UiTM, Malaysia); Shaharuddin Badaruddin (Universiti Teknologi MARA, Malaysia); Mohd Anuar Mazuki (Universiti Teknologi MARA, Malaysia); Norizan Shariff (TERAJU & Prime Minister's Dept., Malaysia); Nooraini Mohamed Ismail (Universiti Teknologi Mara, Malaysia); Adzrool Idzwan Ismail (Universiti Teknologi Mara, Malaysia); Zulkifli Latiff (Universiti Teknologi Mara, Malaysia)

- 09:00 **Landmark Legal Cases on Bai' Bithaman Ajil (BBA) House Financing in Malaysia** ∴HYQ
Rafidah Azli (UiTM Negeri Sembilan, Malaysia); Rohana Othman (Universiti Teknologi MARA & Accounting Research Institute, Malaysia); Nooraslinda Abdul Aris (Universiti Teknologi MARA & Accounting Research Institute, Malaysia); Mardhiyyah Sahri (Lecturer, Malaysia)
- 09:20 **Consumers' E-commerce Acceptance Model: Antecedents of Trust and Satisfaction Construct** ∴HQ·
Afshan Azam (Chongqing University PR China, P.R. China); Fu Qiang (Chongqing University, P.R. China); Muhammad Abdullah (Chongqing University, P.R. China)
- 09:40 **Relationship between Organizational Politics, Job Satisfaction and Organizational Commitment in UiTM Sarawak** ∴HQQ
Kuldip Singh (UiTM sarawak, Malaysia)
- 10:00 **Halal Compliance Critical Control Point Analysis (HCCCP) of Processed Food** ∴H†H
Rohana Kamaruddin (Universiti Teknologi MARA, Malaysia); Alwi Shabudin (Universiti Teknologi MARA, Malaysia); Hadijah Iberahim (Universiti Teknologi MARA, Malaysia)
- 10:20 **Soft Loan for Domestic Installation of Solar Photovoltaic in Malaysia: Is It the Best Option?** ∴H††
Firdaus Muhammad-Sukki (Glasgow Caledonian University & Multimedia University, Malaysia); Abu Bakar Munir (University of Malaya, Malaysia); Roberto Ramirez-Iniguez (Glasgow Caledonian University, United Kingdom); Siti Hawa Abu-Bakar (Glasgow Caledonian University, United Kingdom); Siti Hajar Mohd Yasin (Universiti Teknologi MARA, Malaysia); Scott McMeekin (Glasgow Caledonian University, United Kingdom); Stewart B.G (Glasgow Caledonian University, United Kingdom); Khairil Anuar (Multimedia University, Malaysia)

10:40 - 11:00

Morning Coffee/Tea Break

A22	: Mechanical Engineering and ICT (Cont)
Room	: Room 1
Chairs	: Syed Alwee Aljunid (Universiti Malaysia Perlis, Malaysia), Syed Abdul Mutalib Al Junid (Universiti Teknologi MARA, Malaysia)

- 11:00 **Chaos Issues on Communication in Agile Global Software Development** ∴HAT
Nina Kamarina Kamaruddin (International Islamic University Malaysia & Universiti Teknologi Mara, Malaysia); Noor Habibah Hj Arshad (, Malaysia); Azlinah Mohamed (Universiti Teknologi MARA, Malaysia)
- 11:20 **Cloud Computing: Feasibility of Developing Web-based UNU Casemix Grouper** ∴HAA
Syed Abdul Mutalib Al Junid (Universiti Teknologi MARA, Malaysia); Hasrul Reeza Mustaffa (United Nations University - International Institute for Global Health, Malaysia)

B22	: Engineering Technology and Built Environment (Cont)
Room	: Room 2
Chairs	: Zulhabri Ismail (Universiti Teknologi MARA & Legal Aspects in Built Environment, Malaysia), Amirhossein Malakahmad (Universiti Teknologi PETRONAS, Malaysia)

- 11:00 **Experimental investigation on dynamic responses of spar platforms subjected to multi-directional waves** ∴I·A
Velluruzhathil John Kurian (Universiti Teknologi PETRONAS, Malaysia); Cheng Yee Ng (Universiti Teknologi PETRONAS, Malaysia); Mohd Shahir Liew (Universiti Teknologi PETRONAS, Malaysia)

- 11:20 **Experimental Investigations of Float-over Barge Responses Subjected to Random Waves** III·0
Velluruzhathil John Kurian (Universiti Teknologi PETRONAS, Malaysia); Nurul Husna Baharuddin (Universiti Teknologi Petronas, Malaysia); Ahmad Mustafa Hashim (Universiti Teknologi Petronas, Malaysia)
- 11:40 **The Heat Transfer in Thermal Boundary Layer Flow over a Stretching Plate with Radiation Effect** III·TEA
Siti Nur Aisyah, Azeman (UiTM, Malaysia); Anuar Ishak (UKM, Malaysia)
- 12:00 **Dynamic Responses of Spar Acted upon by Random Wave and Current** III·TEO
Velluruzhathil John Kurian (Universiti Teknologi PETRONAS, Malaysia); Siti Nor Adha Tuhaijan (Universiti Teknologi PETRONAS, Malaysia); Mohd Shahir Liew (Universiti Teknologi PETRONAS, Malaysia)
- 12:20 **The Relationship between Traffic Volume of Heavy Vehicles and the Performance of Malaysian Federal Roads Route One (FT01) In Selangor: A Case Study** III·THA
Nurul Elma Kordi (Universiti Teknologi Mara, Malaysia); Intan Rohani Endut (Universiti Teknologi MARA, Malaysia); Md Yunus Wahab (Malaysia Institute of Transport, Malaysia); Bahardin Baharom (Universiti Teknologi MARA, Malaysia)
- 12:40 **Framework study of angle viewing visibility design of commercial bus** II - Ⅷ
Mohd Al Hafiz Albalkhis (Universiti Teknologi Mara, Malaysia); Yusof Shaha (Universiti Teknologi MARA, Malaysia); M. Shaleh Mujir (Universiti Teknologi MARA, Malaysia)

C22	: Economics, Business and Management (Cont)
Room	: Room 3
Chairs	: Rohana Kamaruddin (Universiti Teknologi MARA, Malaysia), Reza Behmanesh (Khorasgan Isfahan Branch, Islamic Azad University, Iran)

- 11:00 **Control chart forecasting: A hybrid model using Recurrent Neural Network, Design of Experiments and regression** III·THO
Reza Behmanesh (Khorasgan Isfahan Branch, Islamic Azad University, Iran); Iman Rahimi (Group of Mathematic, Vazvan Center, Payame Noor University, Iran)
- 11:20 **Using Combination Recurrent Neural Network and Fuzzy Time Series for Data Envelopment Analysis(DEA)** III·TTA
Iman Rahimi (Group of Mathematic, Vazvan Center, Payame Noor University, Iran); Reza Behmanesh (Khorasgan Isfahan Branch, Islamic Azad University, Iran); Jamal Hafezi (Dehdasht Branch, Islamic Azad University, Iran)
- 11:40 **Adopting Patron-driven Acquisition (PDA) in e-Book Selection Practices at Malaysian Academic Libraries** III·TTH
Che Zainab Abdullah (University Technology MARA (UiTM), Malaysia); Norliya Ahmad Kassim (Universiti Teknologi MARA, Malaysia)
- 12:00 **Rail Passenger Service Delays: An Overview** III·TTA
Zuraida Alwaddood (Universiti Teknologi MARA, Malaysia); Adibah Shuib (Universiti Teknologi MARA, Malaysia); Norlida Hamid (Universiti Teknologi MARA, Malaysia)

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