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Monday, June 25

**Session : A11 (Engineering Science & Applications 1)**

**Room : FR 1/2**

**Chairs : Siti Fatimah Abdul Halim (Universiti Teknologi Mara, Malaysia), Noorzalila Muhammad Niza (UiTM Pulau Pinang, Malaysia)**

- 8:40am *Adsorption of Remazol Brilliant Blue R onto Treated Bottom Ash* 1  
H. I. Maarof (Universiti Teknologi MARA (UiTM), Malaysia); Siti Nor Samrah A. Rahim (Universiti Teknologi MARA, Malaysia); Norhaslinda Nasuha (Universiti Teknologi Mara, Malaysia); Nur Fadzeelah Abu Kassim (Universiti Teknologi MARA Pulau Pinang, Malaysia)
- 9:00am *Extraction of Cu(II) from aqueous solution using di-2-ethylhexylphosphoric acid (D2EHPA) diluted in cooking palm oil: Optimization using response surface methodology (RSM)* 11  
Siti Fatimah Abdul Halim (Universiti Teknologi Mara, Malaysia); Siu Hua Chang (Universiti Teknologi MARA pulau Pinang, Malaysia); Ana Najwa Mustapa (UiTM, Malaysia)
- 9:20am *Adsorption of reactive dye Remazol Brilliant Blue R from aqueous solutions by rambutan peel* 21  
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)
- 9:40am *Removal Of Methylene Blue Dye From Aqueous Solution Using Pink Guava (Psidium Guajava) Waste-based Activated Carbon* 33  
Nurulhuda Amri (Universiti Teknologi Mara, Malaysia); Rasyidah Alrozi (Universiti Teknologi MARA Pulau Pinang, Malaysia); Mohamed Syazwan Osman (Faculty of Chemical Engineering, Universiti Teknologi MARA, Malaysia); Norhaslinda Nasuha (Universiti Teknologi Mara, Malaysia)
- 10:00am *Green synthesis and characterizations of silver and gold nanoparticles using pink guava waste extract (PGWE)* 45  
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); Mohd Azahar Mohd Ariff (Universiti Teknologi MARA Cawangan Pulau Pinang, Malaysia)
- 10:20am *Hydrophilic of SiO<sub>2</sub>/TiO<sub>2</sub> Double Layers Thin Film Prepared by Sol-gel Dip Coating Method* 53  
Nur Fadzeelah Abu Kassim (Universiti Teknologi MARA Pulau Pinang, Malaysia); Muhammad Zahiruddin Ramli (Universiti Teknologi MARA (UITMPP), Malaysia); Nurulhuda Amri (Universiti Teknologi Mara, Malaysia); H. I. Maarof (Universiti Teknologi MARA (UiTM), Malaysia)

**Session : B11 (Applied Sciences & Technology Applications 1)**

**Room : FR 3/4**

**Chairs: Borhannuddin Arifin (University Technology MARA, Malaysia), Nurul Izza Husin (Universiti Teknologi mara, Malaysia)**

- 8:40am *Motion Detection and Base Isolation System for Earthquake-Resistant Relief Structures: Application of Biomimetics* 63  
Khamidi Mohd Faris (Universiti Teknologi PETRONAS, Malaysia); Syed Ahmad Farhan (Universiti Teknologi PETRONAS, Malaysia); Arazi Idrus (Universiti Teknologi PETRONAS, Malaysia); Muhd Fadhil Nuruddin (Universiti Teknologi PETRONAS, Malaysia)
- 9:00am *Durian (Durio zibethinus L.) shell and Banana Pseudostem Fibers: Microsorbent for the removal of oil from aqueous solution* 71  
Nurul Izza Husin (Universiti Teknologi mara, Malaysia); Rozan Boudville (Universiti Teknologi MARA, Malaysia); Norain Isa (UiTM Pulau Pinang, Malaysia); Nurhidayatul Husna Hussain (UiTM Malaysia,

Malaysia)

- 9:20am *Improved Data Minimization Technique in Reducing Memory Space Complexity for DNA Local Alignment Accelerator Application* N/A  
Syed Abdul Mutalib Al Junid (Universiti Teknologi MARA, Malaysia); Nooritawati Md Tahir (Universiti Teknologi MARA, Malaysia); Zulkifli Abd. Majid (Universiti Teknologi MARA, Malaysia); Abdul Karimi Halim (Universiti Teknologi MARA, Malaysia); Khairul Khaizi Mohd Shariff (Faculty of Electrical Engineering, Universiti Teknologi MARA, Malaysia)
- 9:40am *Evaluation of carotene content and antibacterial effect of microwave heated and conventionally heated red palm oil* 83  
Mohd Fakharul Zaman Raja Yahya (Universiti Teknologi MARA, Malaysia); Mohamad Shukri Kamarudin (UiTM, Malaysia)
- 10:00am *The Analysis of KMV-Merton Model in Forecasting Default Probability* 93  
Norliza Muhamad Yusof (Universiti Teknologi MARA, Malaysia); Maheran Mohd Jaffar (Universiti Teknologi MARA, Malaysia)
- 10:20am *Antimicrobial Properties Of Isolated Marine Actinomycetes From Mangrove Soils in Malaysia* 103  
Suhaidi Ariffin (Universiti Teknologi MARA, Malaysia); Sharifah Aminah Syed Mohamad (Universiti Teknologi MARA, Malaysia)

**Session : C11(Electrical Engineering & Applications 1)**

**Room : FR 7/8**

**Chairs: Wan Fazlida Hanim Abdullah (Universiti Teknologi MARA, Malaysia), Mohd Suhairil Meon (Universiti Teknologi MARA, Malaysia)**

- 8:40am *State Space Analysis of Smart Dynamic Pricing Signalling in WCDMA Networks* 111  
Dat Vo (Australian Communications and Media Authority, Australia)
- 9:00am *Estimating Smart Dynamic Pricing Signalling in Advanced Cellular Systems* 123  
Dat Vo (Australian Communications and Media Authority, Australia)
- 9:20am *Design of Single Neuron on FPGA* 133  
Khairudin Mohamad (UiTM, Malaysia); Mohamad Faiz Omar Mahmud (UiTM, Malaysia); FadzilatulHusna Adnan (UiTM, Malaysia); Wan Fazlida Hanim Abdullah (Universiti Teknologi MARA, Malaysia)
- 9:40am *Optimal FIR Band Pass Filter Design using Novel Particle Swarm Optimization Algorithm* 141  
Sangeeta Mandal (National Institute of Technology, Durgapur, India); Prabisha Mallick (NIT Durgapur, India); Durbadal Mandal (National Institute of Technology, Durgapur, India); Rajib Kar (National Institute of Technology, Durgapur, India); Sakti Ghoshal (National Institute of Technology Durgapur, India)
- 10:00am *Delay and Transient Response Modelling of On-Chip RLCG Interconnect Using Two-port Network Functions* 153  
Vikas Maheshwari (NIT Durgapur, India); Portia Banerjee (NIT Durgapur, India); Rajib Kar (National Institute of Technology, Durgapur, India); Durbadal Mandal (National Institute of Technology, Durgapur, India); Anup Bhattacharjee. (National Institute of Technology, India); Madhumanti Datta (ECE Department, NIT Durgapur, India); Susmita Sahoo (ECE Department, NIT Durgapur, India)
- 10:20 *Review and Current Study on New Approach Using PID Active Force Control (PIDAFC) of Twin Rotor Multi Input Multi Output System (TRMS)* 163  
Mohd Suhairil Meon (Universiti Teknologi MARA, Malaysia); Mohd Hanif Mohd Ramli (Universiti Teknologi Mara, Malaysia); Tengku Luqman Bin Tengku Mohamed (Faculty Mechanical Engineering & University Technology MARA, Malaysia)

**Session : D11(Humanities & Quality of Life)**  
**Room : FR 9/10**  
**Chairs: Hosni Hasan (Universiti Teknologi MARA & Faculty of Sports Science and Recreation, Malaysia),**  
**Arifi Ridzuan (Universiti Teknologi MARA Pahang, Malaysia)**

- 8:40am *Library Staff Attitude on Services: Perceptions of Users* 173  
Kasmarini Baharuddin (Universiti Teknologi MARA, Kampus Puncak Perdana, Malaysia); Norliya Ahmad Kassim (Universiti Teknologi MARA, Malaysia); Siti Khairiyah Nordin (Universiti Teknologi MARA, Malaysia)
- 9:00am *Ethical Issues in the Use of Information and Communication Technology in Malaysian Primary Schools* 185  
Maslin Masrom (Universiti Teknologi Malaysia, Malaysia); Nik Hasnaa Nik Mahmood (Universiti Teknologi Malaysia, Malaysia); Othman Zainon (Universiti Teknologi Malaysia, Malaysia); Lai Wan Hooi (Universiti Teknologi Malaysia, Malaysia); Nadia Jamal (Universiti Teknologi Malaysia, Malaysia)
- 9:20am *The Power of Followership: Leaders, Who are You Leading?* 195  
Azlyn Zawawi (Universiti Teknologi MARA & Kedah, Malaysia); Nur Zafifa Kamaruzaman (Universiti Teknologi MARA, Malaysia); Zaliha Hj. Hussin (Universiti Teknologi Mara Kedah, Malaysia); James Campbell (Deakin University, Australia)
- 10:00am *"Stating the Obvious": An Analysis Study Towards Women Stereotype in Magazine Advertisement* 205  
Khairudin Murad (Universiti Teknologi MARA, Malaysia); Suhaimee Saahar (Universiti Teknologi MARA, Malaysia)
- 10:20am *The Assessment of Gross Motor Skills Development among Down syndrome Children in Klang Valley* 217  
Hosni Hasan (Universiti Teknologi MARA & Faculty of Sports Science and Recreation, Malaysia); Nagoor Meera Abdullah (Universiti Teknologi Mara, Malaysia); Anuar Suun (Universiti Teknologi MARA, Malaysia)
- 9:40am *Ontology Understanding in Enhancing Car Styling Ideation* 227  
Wan Mohd Yusof (University of Technology MARA, Malaysia); M. Shaleh Mujir (Universiti Teknolog MARA, Malaysia)
- 10:40 AM - 11:00 AM  
Morning Coffee/Tea Break

**Session : A12(Engineering Science & Applications 1 (cont))**  
**Room : FR 1/2**  
**Chairs : Siti Fatimah Abdul Halim (Universiti Teknologi Mara, Malaysia), Noorzalila Muhammad Niza (UiTM Pulau Pinang, Malaysia)**

- 11:00am *Recycled Poly(ethylene terephthalate)/ Recycled Polypropylene Blend: Effect of Hygrothermal Treatment* 239  
Siti Fatimah Aminuddin (Universiti Teknologi Mara & Center of Foundation Studies, Malaysia); Noorazlina Adnan (Universiti Teknologi Mara, Malaysia)
- 11:20am *Influence of seed particle sizes on extraction and reactive extraction for biodiesel production from cotton and palm kernel seeds* 251  
Noorzalila Muhammad Niza (UiTM Pulau Pinang, Malaysia); Muhammad Hazim Hamzah (UiTM Shah Alam, Malaysia)
- 11:40am *Dielectric and physical properties of PMMA:TiO<sub>2</sub> thin films by varying TiO<sub>2</sub> concentration* 259  
Lyly Nyl Ismail (University Teknologi MARA Pulau Pinang, Malaysia); Farahiyah Shokri (Universiti

Teknologi MARA, Malaysia); Habibah Zulkefle (Universiti Teknologi MARA, Malaysia); Sukreen Hana Herman (Universiti Teknologi MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

12:00am *The Electrical Characteristics of Nanostructured Copper (I) Iodide (CuI) Thin Films Sprayed at Different Substrate Temperatures* 267

Nur Amalina Muhamad (Universiti Teknologi MARA (UITM), Malaysia)

12:20am *Heterogeneous Catalyst Acid-activated Clamshell for Fenton-like Oxidation of Reactive Black 5 Solutions* 277

Wan Zuraida Wan Kamis (University Technology MARA, Malaysia); Hamizura Hassan (Universiti Teknologi Mara, Malaysia)

12:40am *Decolorization of Acid Red 1 by Fenton-like process using acid activated clay* 287

Hamizura Hassan (Universiti Teknologi Mara, Malaysia); Wan Zuraida Wan Kamis (University Technology MARA, Malaysia)

**Session : B12(Applied Sciences & Technology Applications 1 (cont))**

**Room : FR 3/4**

**Chairs : Borhannuddin Arifin (University Technology MARA, Malaysia), Nurul Izza Husin (Universiti Teknologi mara, Malaysia)**

11:00am *Embedded 5(4) Pair Implicit 2-Step Hybrid Method for Solving Special Second-Order Initial Value Problems* 299

Nur Azila Yahya (UiTM, Malaysia); Masriah Awang (UiTM, Malaysia)

11:20am *Biosorption of Chromium(VI) by Chitosan-Immobilized Acinetobacter haemolyticus* 311

Norlaily Ahmad (Universiti Teknologi MARA & Faculty of Applied Science, Malaysia)

11:40am *GChem: Assisting Students Learning in General Chemistry* 323

Borhannuddin Arifin (University Technology MARA, Malaysia)

12:00am *Adsorption of Arsenic (V) and Phosphate onto MgAlNO<sub>3</sub>-LDHs* 333

Nurul Izza Taib (Universiti Teknologi MARA, Malaysia); Nesamalar Kantasamy (Universiti Teknologi MARA, Malaysia); Siti Mariam Sumari (Universiti Teknologi MARA, Malaysia); Norfaizah Mohd Rafi (Universiti Teknologi MARA, Malaysia)

12:20am *Physical and mechanical properties of Pandanus amaryllifolius fiber reinforced low density polyethylene composite for packaging application* 345

Wahida Abdul Rahman (Uitm Perlis & Infineon Technologies Kulim Sdn Bhd, Malaysia); Siti Nur Ain Sudin (Faculty of Applied Sciences, UITM Perlis, Malaysia); Siti Nor Din (Faculty of Applied Sciences, UITM Perlis, Malaysia)

**Session : C12(Electrical Engineering & Applications 1 (cont))**

**Room : FR 7/8**

**Chairs : Wan Fazlida Hanim Abdullah (Universiti Teknologi MARA, Malaysia), Mohd Suhairil Meon (Universiti Teknologi MARA, Malaysia)**

11:00am *4-Ï€ Crosstalk Noise Model for Deep Submicron VLSI Global RC Interconnects* 355

Vikas Maheshwari (NIT Durgapur, India); Naomi Joshi (NIT Durgapur, India); Rajib Kar (National Institute of Technology, Durgapur, India); Durbadal Mandal (National Institute of Technology, Durgapur, India); Ms Anushree (Hindustan College of Science and Technology, India); Anup Bhattacharjee. (National Institute of Technology, India)

- 11:20am *IIR System Identification Using Particle Swarm Optimization with Constriction Factor and Inertia Weight Approach* 367  
Suman Saha (Department of ECE, India); Ishita Rakshit (National Institute of Technology, Durgapur, India); Durbadal Mandal (National Institute of Technology, Durgapur, India); Rajib Kar (National Institute of Technology, Durgapur, India); Sakti Ghoshal (National Institute of Technology Durgapur, India)
- 11:40am *Feature Selection for human gait recognition* 379  
Nurul Illiani Yaacob (Universiti Teknologi Mara, Malaysia); Nooritawati Md Tahir (Universiti Teknologi MARA, Malaysia)
- 12:00am *Digital Stable IIR High Pass Filter Optimization using PSO-CFIWA* 389  
Suman Saha (Department of ECE, India); Sonam Yangchen (NIT Durgapur, India); Rajib Kar (National Institute of Technology, Durgapur, India); Durbadal Mandal (National Institute of Technology, Durgapur, India); Sakti Ghoshal (National Institute of Technology Durgapur, India)
- 12:20am *Optimization of IIR High Pass Filter using Crazy based Particle Swarm Optimization Technique* 401  
Suman Saha (Department of ECE, India); Annesha Chaudhuri (NIT Durgapur, India); Durbadal Mandal (National Institute of Technology, Durgapur, India); Rajib Kar (National Institute of Technology, Durgapur, India); Sakti Ghoshal (National Institute of Technology Durgapur, India)
- 12:40am *Novel Particle Swarm Optimization for High Pass FIR Filter Design* 413  
Sangeeta Mandal (National Institute of Technology, Durgapur, India); Dishari Chakraborty (NIT Durgapur, India); Rajib Kar (National Institute of Technology, Durgapur, India); Durbadal Mandal (National Institute of Technology, Durgapur, India); Sakti Ghoshal (National Institute of Technology Durgapur, India)

**Session : D12(Humanities & Quality of Life (cont))**

**Room : FR 9/10**

**Chairs : Hosni Hasan (Universiti Teknologi MARA & Faculty of Sports Science and Recreation, Malaysia),  
Arifi Ridzuan (Universiti Teknologi MARA Pahang, Malaysia)**

- 11:00am *Child Abuse: A Study on Perception About Relationship Between Demographic Factors and Level Of People Awareness Towards Child Abuse* 425  
Mazlan Bin Che Soh (Universiti Teknologi MARA, Malaysia)
- 11:20am *Instructional Leadership Practice and Its Relationship towards the Student Personality* 437  
Arifi Ridzuan (Universiti Teknologi MARA Pahang, Malaysia); Mohd Amlil Abdullah Baharum (Universiti Teknologi MARA Pahang, Malaysia); Mohd Azizul Sulaiman (Universiti Teknologi MARA Pahang, Malaysia)
- 11:40am *Quantifying Academic Readiness ESL Undergraduates' Mastery of English Vocabulary* 449  
Nor Azni Abdullah (Universiti Teknologi MARA, Malaysia)
- 12:00am *Impacts of Sports on Students' Life* 461  
Nor Hidayatun Abdul Razak (Universiti Teknologi MARA Pahang, Malaysia); Faizan Abd Jabar (Universiti Teknologi MARA, Malaysia); Sharifah Norhuda Syed Wahid (Universiti Teknologi MARA, Malaysia)
- 12:20am *Treatment Effectiveness of Continuous Passive Motion Machine during Post-Operative Treatment of Anterior Cruciate Ligament Patients* 469  
Mohamad Ridzuan (University of Technology Mara, Malaysia); Ismail Nasiruddin (University of Technology Mara, Malaysia); Rohani Haron (University of Technology Mara, Malaysia); Rahmat Adnan (Universiti Teknologi MARA & Faculty of Sports Science & Recreation, Malaysia)

12:40am *Factors Influencing The Thai Elderly Intention to Use Smartphone for e-Health Services* 479  
Waransanang Boontarig (King Mongkut's University Of Technology Thonburi, Thailand)

1:00 PM - 2:00 PM  
Lunch

**Session : A13(Engineering Science & Materials)**  
**Room : FR 1/2**  
**Chairs : Mohd Shahrul Nizam Bin Salleh (UiTM Terengganu, Malaysia), Wan Rosmaria Wan Ahmad (University of Technology MARA, Malaysia)**

2:00pm *Formation of Flower-like ZnO Clusters By Precipitation Method* 489  
Nurul Zayana Yahya (Faculty of Applied Sciences, Universiti Teknologi MARA (UiTM) & Nano-Sci Tech Centre (NST), Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

2:20pm *Physical and Electrical Characteristics of Low-temperature Annealed Spin Coated Zinc Oxide Thin Films on Teflon Substrates* 497  
Nur Sa'adah Muhamad Sauki (Universiti Teknologi MARA, Malaysia); Sukreen Hana Herman (Universiti Teknologi MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

2:40pm *Electrical, Dielectric and Structural Properties of MgO Thin Films Deposited on Single Layer ZnO using Chemical Solution Method* 505  
Habibah Zulkefle (Universiti Teknologi MARA, Malaysia); Nursyafawati Ibrahim (NANO-ElecTronic Centre, Malaysia); Lyly Nyl Ismail (University Teknologi MARA Pulau Pinang, Malaysia); Raudah Abu Bakar (Universiti Teknologi MARA, Malaysia); Mohamad Hafiz Mamat (Universiti Teknologi MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

3:00pm *The Effect of TiO<sub>2</sub> Nanoparticle on the Photoconductivity Properties of Organic MEH-PPV Thin Films for Organic Photovoltaic Cell Applications* 513  
Fazlinashatul Zahid (Universiti Teknologi MARA, Malaysia); Puteri Sarah Mohamad Saad (Universiti Teknologi MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

3:20pm *Effects of Glycerol Content in Modified Polyvinyl Alcohol-Tapioca Starch Blends* 523  
Mohd Shahrul Nizam Bin Salleh (UiTM Terengganu, Malaysia); Norkamruzita Saadon (Universiti Teknologi MARA Terengganu, Malaysia); Noraini Razali (Mrs, Malaysia); Zarina Omar (Universiti Teknologi MARA, Malaysia); Ambong Sopiah (Universiti Teknologi MARA, Malaysia); Ahmad Rozaimie Mustaffa (UiTM Terengganu, Malaysia); Marshahida Mat Yashim (UiTM Terengganu, Malaysia); Wan Aizan Wan Abdul Rahman (Universiti Teknologi Malaysia, Malaysia)

**Session : B13(Applied Sciences & Technology Applications 2)**  
**Room : FR 3/4**  
**Chairs : Mohamad Nurul Azman Mohammad Taib (Faculty of Applied Sciences, Universiti Teknologi MARA, Malaysia), Wan Syazehan Ruznan (Universiti Teknologi MARA & Faculty of Applied Sciences, Malaysia)**

2:00pm *The Influence of Deposition Temperature on the Electrodeposition of NiO films on ITO-glass Substrate* 531  
Siti Zairyn Fakurol Rodzi (Universiti Teknologi MARA, Malaysia); Yusairie Mohd (Universiti Teknologi MARA, Malaysia)

- 2:20pm *Tensile and Tearing Strength of Uncoated and Natural Rubber Latex Coated High Strength Woven Fabrics* 541  
Nur Awatif Ahmad (Universiti of Teknologi MARA, Malaysia); Mohd Rozi Ahmad (Universiti Teknologi MARA, Malaysia); Wan Yunus Wan Ahmad (Universiti Teknologi MARA, Malaysia); Jamil Salleh (Universiti Teknologi MARA, Malaysia)
- 2:40pm *Physical properties of High Density Fibreboard made from Hydrothermally Treated Kenaf (Hibiscus cannabinus) Fibres* 551  
Mohamad Nurul Azman Mohammad Taib (Faculty of Applied Sciences, Universiti Teknologi MARA, Malaysia); Mohd Ariff Jamaludin (Faculty of Applied Sciences, Universiti Teknologi MARA, Malaysia); Masitah Abu Kassim (Faculty of Applied Sciences, Universiti Teknologi MARA, Malaysia)
- 3:00pm *Treatment of odor from natural rubber by using selected antimicrobial agent* 559  
Nornanysya Feroze Khan (Universiti Teknologi MARA, Malaysia); Sharifah Aminah Syed Mohamad (Universiti Teknologi MARA, Malaysia); Azemi Samsuri (Universiti Teknologi MARA, Malaysia); Dzaraini Kamarun (UiTM, Malaysia); Wan Mohd Fathil Wan Yusof (Universiti Teknologi MARA, Malaysia)
- 3:20pm *Sequence analysis of putative N-acetylglucosaminidase, SACOL2666 gene in S.aureus* 571  
Khalida Ain Kusnan (Universiti Teknologi MARA, Malaysia); Sharifah Aminah Syed Mohamad (Universiti Teknologi MARA, Malaysia); Amaliawati Ahmad Latiffi (Universiti Teknologi MARA, Malaysia); Mohd Faiz Foong Abdullah (Universiti Teknologi MARA, Malaysia); Norfatimah Mohamed Yunus (Universiti Teknologi MARA, Malaysia); Dzaraini Kamarun (UiTM, Malaysia)

**Session : C13(Electrical Engineering & Applications 2)**

**Room : FR 7/8**

**Chairs : Nordiana Mukahar (Universiti Teknologi Mara, Dungun, Malaysia), Wan Noraishah Wan Abdul Munim (Universiti Teknologi MARA, Malaysia)**

- 2:00pm *Improved Recycle Folded Cascode OTA with Current Control Circuit* 581  
Nordiana Mukahar (Universiti Teknologi Mara, Dungun, Malaysia)
- 2:20pm *Switching Technique for Multiphase Voltage Source Inverter* 589  
Wan Noraishah Wan Abdul Munim (Universiti Teknologi MARA, Malaysia); Mohamad Fahmi Hussin (University of Aberdeen, UiTM, Malaysia); Ismail Musirin (Universiti Teknologi Mara, Shah Alam, Malaysia)
- 2:40pm *Designing an UHF RFID Reader Antenna* 599  
Syamimi Mohd Norzeli (Universiti Teknologi MARA, Malaysia); Ismarani Ismail (University Technology MARA & UiTM, Malaysia)
- 3:00pm *Optical Properties of Nano-Structured Zinc Oxide Thin Films Deposited by Radio-Frequency Magnetron Sputtering at Different Substrate Temperatures* 607  
Ishak Saurdi (Universiti Teknologi Mara, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)
- 3:20pm *A Modified Sol-Gel Method for Preparing Nanostructured Nb-doped TiO<sub>2</sub> DSSC Photoanode* 617  
Musa Mohamed Zahidi (Universiti Teknologi Mara, Malaysia); Mohamad Hafiz Mamat (Universiti Teknologi MARA, Malaysia); Mohd Hanapiah Abdullah (Universiti Teknologi MARA, Malaysia); Mohd Firdaus Malek (Universiti Teknologi MARA, Malaysia); Asiah Mohd Nor (Universiti Teknologi MARA, Malaysia); Norulhuda Abdul Rasheid (Universiti Teknologi MARA, Malaysia); Uzer Mohd Noor (University Technology MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)



**Session : D13(Mechanical Engineering & Mathematics)**

**Room : FR 9/10**

**Chairs : Rahani Abdul Rahman (Universiti Teknologi MARA, Malaysia), Norani Amit (Universiti Teknologi MARA, Johor Branch, Malaysia)**

2:00pm *New Modifications of Conjugate Gradient Coefficient with Global Convergence Properties* 625

Mohd Rivaie (Universiti teknologi mara, Malaysia)

2:20pm *Islamic Inheritance Claim Processes - Non-Normality Data Traits and Best Estimator Choice* 635

Noraini Noordin (Universiti Teknologi Mara, Malaysia); Adibah Shuib (Universiti Teknologi MARA, Malaysia); Mohamad Zainol (Universiti Teknologi Mara, Malaysia); Mohamed Mohamed Adil (Universiti Teknologi Mara, Malaysia)

2:40pm *Using Simulation to Solve Facility Layout for Food Industry at XYZ Company* 647

Norani Amit (Universiti Teknologi MARA, Johor Branch, Malaysia); Nurulzulaiha Suhadak (Universiti Teknologi MARA, Johor Branch, Malaysia); Norzarina Johari (Universiti Teknologi MARA, Johor Branch, Malaysia)

3:00pm *A Jaccard-based Similarity Measure for Soft Sets* 659

Nor Hashimah Sulaiman (Universiti Teknologi MARA, Malaysia); Mohamad Daud (Universiti Teknologi MARA, Malaysia)

3:20pm *Sensitivity Analysis using Fuzzy Linguistic Hedges* 669

Zamali Tarmudi (UiTM Sabah, M'sia, Malaysia); Lazim Abdullah (Universiti Malaysia Terengganu, Malaysia)

3:40 PM - 4:00 PM

Afternoon Coffee/Tea Break

**Session : A14(Engineering Science & Materials (cont))**

**Room : FR 1/2**

**Chairs : Mohd Shahrul Nizam Bin Salleh (UiTM Terengganu, Malaysia), Wan Rosmaria Wan Ahmad (University of Technology MARA, Malaysia)**

4:00pm *Conductivity Enhancement of Nanocomposited MEH-PPV:I-MWNT Thin Film* 677

Puteri Sarah Mohamad Saad (Universiti Teknologi MARA, Malaysia); Fazlinashatul Zahid (Universiti Teknologi MARA, Malaysia); Uzer Mohd Noor (University Technology MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

4:20pm *Physical Characteristic of Room-Temperature Deposited TiO<sub>2</sub> Thin Films by RF Magnetron Sputtering at Different RF Power* 685

Aznilinda Zainuddin (University Teknologi MARA, Malaysia); Sukreen Hana Herman (Universiti Teknologi MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

4:40pm *Effect of Deposition Temperature on The Properties of Amorphous Carbon Thin Film Deposited Using Natural Precursor by Thermal CVD* 695

Dayana Kamaruzaman (Faculty of Electrical Engineering, Universiti Teknologi MARA (UITM). & Nano-ElecTronic Centre (NET), Malaysia); Nurfadzilah Ahmad (Universiti Teknologi MARA (UiTM), Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

5:00pm *Effect of Deposition Temperature to Electrical, Structural and Optical Properties of Amorphous Carbon Thin Film Prepared by TCVD* 705

Fakardellawarni Mohamad (Universiti Teknologi MARA, Malaysia); Uzer Mohd Noor (University Technology MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

5:20pm *High Speed with Low Power Folding and Interpolating ADC Using Two Types of Comparator in CMOS 0.18um Technology* 715

Wan Rosmaria Wan Ahmad (University of Technology MARA, Malaysia); Siti Lailatul Mohd Hassan (Universiti Teknologi Mara, Malaysia); Ili Shairah Abdul Halim (Universiti Teknologi Mara & Faculty of Electrical Engineering, Malaysia); Noor Ezan Abdullah (Universiti Teknologi Mara, Malaysia)

**Session : B14(Applied Sciences & Technology Applications 2 (cont))**

**Room : FR 3/4**

**Chairs: Mohamad Nurul Azman Mohammad Taib (Faculty of Applied Sciences, Universiti Teknologi MARA, Malaysia), Wan Syazehan Ruznan (Universiti Teknologi MARA & Faculty of Applied Sciences, Malaysia)**

4:00pm *Random Amplified Polymorphism DNA Profile of Listeria monocytogenes from Raw and Ready-To-Eat Foods in Malaysia* 727

Noor Marian Muda (Universiti Teknologi MARA, Malaysia); Sharifah Aminah Syed Mohamad (Universiti Teknologi MARA, Malaysia)

4:20pm *Screening and Identification of Pasteurella multocida Capsular Types Among Animal Cases in Malaysia* 737

Nurul Azlyn Azmi (Universiti Teknologi MARA, Malaysia); Sharifah Aminah Syed Mohamad (Universiti Teknologi MARA, Malaysia)

4:40pm *Effect of Various Annealing Temperature on the Morphological and Dielectric Properties of Polyvinylidene fluoride-Trifluoroethylene Thin Film* 749

Rozana Bt Mohd Dahan Mohd Dahan (Faculty of Applied Sciences & University Technology MARA, Malaysia); Mohamad Hafiz Mohd. Wahid (Faculty of Applied Sciences, Universiti Teknologi MARA, Shah Alam., Malaysia); Adillah Nurashikin Arshad (Faculty of Applied Sciences & NANO-ElecTronic Centre, Faculty of Electrical ENGINEERING, Malaysia); Muhamad Naiman Sarip (Faculty of Applied Sciences, Malaysia); Lyly Nyl Ismail (University Teknologi MARA Pulau Pinang, Malaysia); Habibah Zulkefle (Universiti Teknologi MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

5:00pm *The Effect of Household Fabric Softener on Flame Resistance of Viscose Rayon, Cotton and Linen Fabrics* 759

Wan Syazehan Ruznan (Universiti Teknologi MARA & Faculty of Applied Sciences, Malaysia)

**Session : C14(Electrical Engineering & Applications 2 (cont))**

**Room : FR 7/8**

**Chairs : Nordiana Mukahar (Universiti Teknologi Mara, Dungun, Malaysia), Wan Noraishah Wan Abdul Munim (Universiti Teknologi MARA, Malaysia)**

4:00pm *Modeling and Simulation of Vehicle Steer by Wire system* 765

Sheikh Muhammad Hafiz Fahami (Universiti Teknologi Malaysia, Malaysia); Hairi Zamzuri (Universiti Teknologi Malaysia, Malaysia); Saiful Amri Mazlan (Universiti Teknologi Malaysia, Malaysia); Muhammad Aizzat (Universiti Teknologi Malaysia, Malaysia)

- 4:20pm *Harmonic Elimination in Switching Table-Based Direct Torque Control of Five-Phase PMSM Using Matrix Converter* 777  
Arjang Yousefi-Talouki (Babol University of Technology, Iran); S. Asghar Gholamian (Babol University of Technology, Iran); Milad Yousefi-Talouki (Power & Water University of Technology, Iran); Reza Ilka (Babol University of Technology, Iran); Ahmad Radan (K. N. TOOSI, Iran)
- 4:40pm *Investigation on Bandwidth Enhancement of Dual Frequency Concentric Ring Square Reflectarray Element* 789  
Siti Hafizah Yusop (Universiti Kebangsaan Malaysia, Malaysia)
- 5:00pm *Development and Simulation of FM0/Miller Decoder Architecture for UHF RFID Reader based on FPGA* N/A  
Azlina Ibrahim (Universiti Teknologi MARA, Malaysia); Ismarani Ismail (University Technology MARA & UiTM, Malaysia); Muhammad Adib Haron (Universiti Teknologi MARA, Malaysia)
- 5:20pm *Conductivity studies on 30% PMMA grafted NR - NH4CF3SO3 Gel Polymer Electrolytes* 797  
Ab Malik Marwan Bin Ali (Universiti Teknologi MARA, Malaysia); Muhd Zu Azhan Yahya (Universiti Teknologi MARA, Malaysia); Nur Hamizah Mohd Zaki (Universiti Teknologi MARA, Malaysia); Zaidatul Salwa Mahmud (Universiti Teknologi MARA, Malaysia)

**Session : D14(Mechanical Engineering and Mathematics (cont))**

**Room : FR 9/10**

**Chairs : Rahani Abdul Rahman (Universiti Teknologi MARA, Malaysia), Norani Amit (Universiti Teknologi MARA, Johor Branch, Malaysia)**

- 4:00pm *Determining Hyperelastic Parameters of Human Skin Using 2D Finite Element Modelling and Simulation* 805  
 Nor Fazli Adull Manan (Faculty of Mechanical Engineering & Universiti Teknologi MARA, Malaysia); Mohd Hanif Mohd Ramli (Universiti Teknologi Mara, Malaysia); Mohd Nor Azmi Ab. Patar (Universiti Teknologi Mara, Malaysia); Cathy Holt (Cardiff University, United Kingdom); Sam Evans (Cardiff University, United Kingdom); Mahmoud Chizari (Brunel University, United Kingdom); Jamaluddin Mahmud (Universiti Teknologi MARA, Malaysia)
- 4:20pm *Lean Production in Manual Assembly Line-A Case Study* 815  
Low Shye Nee (Universiti of Sains Malaysia, Malaysia)
- 4:40pm *Management for process maintenance documentation through FMEA* 827  
Rahani Abdul Rahman (Universiti Teknologi MARA, Malaysia)
- 5:00pm *Moisture effects on the ABS used for Fused Deposition Modeling Rapid Prototyping Machine* 839  
Siti Nur Amalina Mohd Halidi (Universiti Sains Malaysia, Malaysia)
- 5:20pm *Evaluation of Failure Criteria for Composite Plates Under Tension* 849  
Norzihan Rahimi (Universiti Teknologi MARA, Malaysia); Mastura Abdul Rahim (Universiti Teknologi MARA, Malaysia); Ahmad Kamil Hussain (Universiti Teknologi MARA, Malaysia); Jamaluddin Mahmud (Universiti Teknologi MARA, Malaysia)

Tuesday, June 26

**Session :A21(Engineering Science & Applications 2)**

**Room : FR 1/2**

**Chairs : Nooritawati Md Tahir (Universiti Teknologi MARA, Malaysia), Mohd Azahar Mohd Ariff (Universiti Teknologi MARA Cawangan Pulau Pinang, Malaysia)**

8:40am *Structure transformation of ZnO thin films properties influence by Substrate temperature Deposited by Magnetron Sputtering* 861

Nor Diyana Md Sin (Universiti Teknologi MARA, Malaysia); Samsiah Ahmad (Universiti Teknologi MARA, Shah Alam, Malaysia); Musa Mohamed Zahidi (Universiti Teknologi Mara, Malaysia); Mohamad Hafiz Mamat (Universiti Teknologi MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

9:00am *Deposition Temperature Dependence of the Sputtered Nanocrystalline Silicon Thin Films on Teflon Substrates Deposited by RF Magnetron Sputtering Method* 871

Norhidayatul Hikmee Mahzan (Universiti Teknologi MARA, Malaysia); Shaiful Bakhtiar Hashim (Universiti Teknologi MARA, Malaysia); Sukreen Hana Herman (Universiti Teknologi MARA, Malaysia); Uzer Mohd Noor (University Technology MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

9:20am *Low-temperature direct deposition of polycrystalline silicon thin film on glass substrate by RF magnetron sputtering with applied substrate bias* 879

Shaiful Bakhtiar Hashim (Universiti Teknologi MARA, Malaysia); Norhidayatul Hikmee Mahzan (Universiti Teknologi MARA, Malaysia); Sukreen Hana Herman (Universiti Teknologi MARA, Malaysia); Uzer Mohd Noor (University Technology MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

9:40am *Opto-Electrical Properties of Amorphous Carbon Thin Films Deposited by Aerosol-Assisted Chemical Vapor Deposition* 887

Nurfadzilah Ahmad (Universiti Teknologi MARA (UiTM), Malaysia); Dayana Kamaruzaman (Faculty of Electrical Engineering, Universiti Teknologi MARA (UITM). & Nano-ElecTronic Centre (NET), Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia); Uzer Mohd Noor (University Technology MARA, Malaysia)

10:00am *Characteristics of Layer-by-Layer ZnO Nanoparticles Thin Films Prepared at Different Deposition Layer* 899

Shafinaz Sobihana Shariffudin (Universiti Teknologi Mara, Malaysia); Mohamad Hafiz Mamat (Universiti Teknologi MARA, Malaysia); Sukreen Hana Herman (Universiti Teknologi MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

10:20am *Quantitative Structure-Activity Relationship (QSAR) modelling of N-aryl derivatives as cholinesterase inhibitors* 907

Mohd Syafiq Mohammad Ridzuan (Universiti Teknologi MARA, Malaysia)

**Session : B21(Information Technology & Computer Applications)**

**Room : FR 3/4**

**Chairs : Shahrul Nizam Ishak (Universiti Teknologi MARA, Malaysia), Tharis Thimthong (Faculty of Information Technology, King Mongkut's University of Technology North Bangkok, Thailand)**

8:40am *An Accurate Thresholding-based Segmentation Technique for Natural Images* 919

Sharifah Lailee Syed Abdullah (Universiti Teknologi MARA, Malaysia); Hamirul'Aini Hambali (Universiti Teknologi Mara, Malaysia); Nursuriati Jamil (Universiti Teknologi MARA, Malaysia)

- 9:00am *IPv6 Attack Scenarios Testbed* 927  
Wan Nor Ashiqin Wan Ali (Universiti Teknologi MARA, Malaysia); Abidah Taib (Universiti Teknologi Mara, Malaysia); Naimah Mohd Hussin (Universiti Teknologi MARA, Malaysia); Jamal Othman (Universiti Teknologi MARA, Malaysia)
- 9:20am *CAPD eBook: Evaluating Multimedia Application for Continuous Ambulatory Peritoneal Dialysis (CAPD) Users* 939  
 Arifah Fasha Rosmani (Universiti Teknologi MARA, Malaysia); Nurul Fatahiyah Shalahudin (Serious Software Sdn Bhd, Malaysia); Siti Zulaiha Ahmad (Universiti Teknologi Mara Perlis, Malaysia); Mohammad Hafiz bin Ismail (Universiti Teknologi MARA, Malaysia)
- 9:40am *Automatic Clustering using MOCLONAL for Classifying Actions of 3D Human Models* 945  
Satyasai Jagannath Nanda (Indian Institute of Technology Bhubaneswar, India); Ganapati Panda (National Institute of Technology, Rourkela, India)
- 10:00am *A Conceptual Framework of Web-based Academic Advisory Information System* 957  
Isma Ishak (Universiti Teknologi MARA & Johor Branch, Malaysia); Mohd Lezam Lehat (Universiti Teknologi MARA, Malaysia)
- 10:20am *Qibla Determination using Vector Algebra* 967  
Shahrul Nizam Ishak (Universiti Teknologi MARA, Malaysia); Samsul Setumin (Universiti Teknologi MARA, Malaysia); Mohd Ikmal Fitri Maruzuki (Universiti Teknologi MARA, Malaysia)

**Session : C21(Banking, Finance & Administrative Science)**

**Room : FR 7/8**

**Chairs : Ruhaya Atan (Accounting Research Institute (ARI), Universiti Teknologi MARA, Malaysia),  
 Rugayah Hashim (Universiti Teknologi MARA & UiTM, Malaysia)**

- 8:40am *Surveying the Best Volatility Measurements in Stock Market Forecasting Techniques Involving Small Size Companies in Bursa Malaysia* 975  
Siti Nazifah Zainol Abidin (Universiti Teknologi Mara, Malaysia); Maheran Mohd Jaffar (Universiti Teknologi MARA, Malaysia)
- 9:00am *Analysis on Asset Acquisition using Diminishing Musyarakah Model* 985  
Siti Zaharah Mohd Ruslan (Universiti Teknologi MARA, Malaysia)
- 9:20am *The Relevance of Balanced Scorecard in Predicting Future Market Price* 997  
Mohd Halim Kadri (University Teknologi MARA, Malaysia); Muhd Kamil Ibrahim (Taibah University, Saudi Arabia); Abdul Aziz Rozainun (Universiti Teknologi MARA, Malaysia); Hanim Baba (Universiti Teknologi MARA Cawangan Melaka, Malaysia)
- 9:40am *Financial Integration In Asean+3 Bond Markets: Evidence In Financial Crisis* 1009  
Nurbaizura Borhan (Universiti Teknologi MARA, Malaysia); Abdul Halim Nawawi (Universiti Teknologi MARA, Malaysia); Muhammad Azri Mohd (Universiti Teknologi MARA, Malaysia)
- 10:00am *Corporate Reporting of Intellectual Capital: Evidence from Ace Market of Bursa Malaysia* 1021  
Ruhaya Atan (Accounting Research Institute (ARI), Universiti Teknologi MARA, Malaysia); Azlina Rahim (Universiti Teknologi MARA Kampus Bandaraya Melaka, Malaysia)
- 10:20am *The Feasibility of PrEmo in Cross-Cultural Kansei Measurement* 1033  
Anitawati Mohd Lokman (Universiti Teknologi MARA, Malaysia); Khairul Khalil Ishak (Waseda University, Japan); Fariza Hanis Abdul Razak (UiTM Malaysia, Malaysia); Azhar Abdul Aziz (Universiti Teknologi MARA, Malaysia)

**Session : D21(Applied Sciences & Healthcare Applications)**  
**Room : FR 9/10**  
**Chairs : Khalilah Khalil (Universiti Teknologi MARA Malaysia, Malaysia), Sim-Hui Tee (Multimedia University, Malaysia)**

- 8:40am *Computational Analysis of PTEN-targeting microRNAs* 1045  
Soon Hin Hew (Multimedia University, Malaysia); Sim-Hui Tee (Multimedia University, Malaysia)
- 9:00am *Predicting MicroRNA Target Sites for Interleukin-17 Family* 1051  
Sim-Hui Tee (Multimedia University, Malaysia); Soon Hin Hew (Multimedia University, Malaysia)
- 9:20am *Endophytic pyrones Aspergillus sp. display anti-proliferative effect on several cancer cell lines* 1059  
Wan Iryani Wan Ismail (Universiti Teknologi MARA, Malaysia); Nurul Hamiyah Abd Ghani (Universiti Teknologi Mara, Malaysia)
- 9:40am *Disparity in Brain Dynamics for Video Games Played on Small and Large Displays* 1067  
Aamir S Malik (Senior Lecturer, Malaysia); Ahmad Alif (Universiti Teknologi PETRONAS, Malaysia); Duaa Amin Osman (Universiti Teknologi Petronas, Malaysia); R. N. Hamizah R. Khairuddin (Center for Intelligent Signal & Imaging Research, Universiti Teknologi PETRONAS, Malaysia)
- 10:00am *Air Embolism Protecting System for Safe Intravenous Therapy* 1077  
Kamran Manzoor (Sejong University, Korea); Waleed Ejaz (Sejong University & IQRA University, Korea); Najam Ul Hasan (Sejong University, Korea); Mustafa Arif (National University of Computer and Emerging Science, Korea); Seok Lee (Korea Institute of Science and Technology, Korea); Hyung Seok Kim (Sejong University, Korea)
- 10:20am *Antioxidant, Anti-inflammatory and Antinociceptive Activities of Mitragyna Speciosa and Erythroxylum Cuneatum* 1087  
Siti Rohani Saleh (Universiti Teknologi MARA, Malaysia); Mizaton Hazizul Hasan (Universiti Teknologi MARA, Malaysia); Md. Ikram Mohd Said (UKM, Malaysia); Mohd Ilham Adenan (FRIM, Malaysia); Aishah Adam (Universiti Teknologi MARA, Malaysia)

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

**Session : A22(Engineering Science & Applications 2 (cont))**  
**Room : FR 1/2**  
**Chairs : Nooritawati Md Tahir (Universiti Teknologi MARA, Malaysia), Mohd Azahar Mohd Ariff (Universiti Teknologi MARA Cawangan Pulau Pinang, Malaysia)**

- 11:00am *Development of Thin Film Capacitors for Power System Applications by PVD Technique* 1097  
Roskhatijah Radzuan (Universiti Teknologi Mara, Malaysia); Mohd Khairul Mohd Salleh (Universiti Teknologi MARA (UiTM), Malaysia); Habibah Zulkefle (Universiti Teknologi MARA, Malaysia); Nor Diyana Md Sin (Universiti Teknologi MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)
- 11:20am *Structural and Electrical Studies of RF Magnetron Sputtered ZnO Films under Different RF Powered Conditions* 1105  
Samsiah Ahmad (Universiti Teknologi MARA, Shah Alam, Malaysia); Nor Diyana Md Sin (Universiti Teknologi MARA, Malaysia); Mohamad Nor Berhan (Universiti Teknologi MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

11:40am *Green biosynthesis of nanosilvers using aqueous extract from Orthosiphon stamineus leaves* 1115  
Mohd Azahar Mohd Ariff (Universiti Teknologi MARA Cawangan Pulau Pinang, Malaysia); Rasyidah Alrozi (Universiti Teknologi MARA Pulau Pinang, Malaysia); Noor 'Aina Abdul Razak (Universiti Teknologi MARA, Malaysia); Mohamed Syazwan Osman (Faculty of Chemical Engineering, Universiti Teknologi MARA, Malaysia); Mat Saleh (SIRIM BHD, Malaysia); Norashikin Ahmad Zamanhuri (Universiti Teknologi MARA Pulau Pinang, Malaysia)

12:00am *Efficient Coupled Noise Estimation For RLC On-Chip Interconnect* 1125  
Vikas Maheshwari (NIT Durgapur, India); Shruti Gupta (National Institute of Technology, Durgapur, India); Kapil Khare (Hindustan College of Science and Technology, India); Vimal Yadav (Hindustan College of Science and Technology, India); Rajib Kar (National Institute of Technology, Durgapur, India); Durbadal Mandal (National Institute of Technology, Durgapur, India); Anup Bhattacharjee. (National Institute of Technology, India)

12:20am *Elmore's approximations based Explicit Delay and Rise Time Model for Distributed RLC On-Chip VLSI Global Interconnect* 1135  
Vikas Maheshwari (NIT Durgapur, India); Sristi Agarwal (National Institute of Technology, Durgapur, India); Rajib Kar (National Institute of Technology, Durgapur, India); Durbadal Mandal (National Institute of Technology, Durgapur, India); Anup Bhattacharjee. (National Institute of Technology, India); Alka Goyal (Hindustan College of Science and Technology, Mathura, India); Jitesh Jain (Hindustan College of Science and Technology, Mathura, India); Sampath Kumar (JSS Academy of Technical Education, India)

**Session : B22(Information Technology & Computer Applications)**

**Room : FR 3/4**

**Chairs: Shahrul Nizam Ishak (Universiti Teknologi MARA, Malaysia), Tharis Thimthong (Faculty of Information Technology, King Mongkut's University of Technology North Bangkok, Thailand)**

11:00am *Identifying the definite base of COI for extraction of DNA sequences using LPBS* 1145  
Sharifah Lailee Syed Abdullah (Universiti Teknologi MARA, Malaysia); Hazaruddin Harun (Universiti Teknologi MARA, Malaysia); Naimah Mohd Hussin (Universiti Teknologi MARA, Malaysia); Jiwa Noris Hamid (Universiti Teknologi MARA, Malaysia); Roziana Mohamed Hanaphi (Universiti Teknologi MARA, Malaysia)

11:20am *A Non-Deterministic T-Way Strategy with Seeding and Constraints Support* 1153  
Juliana Md Sharif (Universiti Teknologi MARA, Malaysia); Kamal Zuhairi Zamli (Universiti Sains Malaysia, Malaysia); Amir Abu Bakar (Politeknik Seberang Perai, Malaysia); Samihah Abdullah (University Technology Mara (UiTM), Malaysia); Iza Sazanita Isa (Universiti Teknologi Mara, Malaysia); Ida Rahayu Mohamed Noordin (Universiti Teknologi Mara, Malaysia)

11:40am *An Empirical Study of Search Box and Autocomplete Design Patterns in Online Bookstore* 1165  
Tharis Thimthong (Faculty of Information Technology, King Mongkut's University of Technology North Bangkok, Thailand)

12:00am *M-Jako Iban: A Mobile Application to Introduce Iban Language* 1177  
Riaza Mohd Rias (Universiti Teknologi MARA, Malaysia)

12:20am *Comparative study of Electronic Voting models and A Proposed Security Framework for the Implementation in Mauritius* 1187  
Vinaye Armoogum (University of Technology Mauritius (UTM), Mauritius); Sheeba Armoogum (University of Mauritius, Mauritius)

12:40am *Students' Experiences in Guided Computer-based Learning: A Progressive Evaluation* 1199  
Norliza Katuk (Universiti Utara Malaysia, Malaysia)

**Session : C22(Banking, Finance & Administrative Science (cont))**  
**Room : FR 7/8**  
**Chairs: Ruhaya Atan (Accounting Research Institute (ARI), Universiti Teknologi MARA, Malaysia), Rugayah Hashim (Universiti Teknologi MARA & UiTM, Malaysia)**

- 11:00am *Women-owned SMEs in Malaysia: Problems and Challenges* 1211  
Zahariah Mohd Zain (Universiti Teknologi MARA, Malaysia); Norbaiti Tukiman (Universiti Teknologi MARA, Malaysia); Rafidah Abd Karim (Universiti Teknologi MARA, Malaysia)
- 11:20am *Factors Affecting Switching Behavior Among Banking Consumers: A Malaysian Perspective* 1221  
Zahariah Mohd Zain (Universiti Teknologi MARA, Malaysia); Irfah Najihah (Universiti Teknologi MARA, Malaysia)
- 11:40am *Benefits and Achievements of ICT Adoption by the High Courts of Malaysia* 1233  
Zaiton Hamin (Accounting Research Institute and Faculty of Law, University Teknologi MARA, Malaysia); Mohd Bahrin Othman (Universiti Teknologi MARA, Malaysia); Ani Munirah Mohamad (Universiti Utara Malaysia and Universiti Teknologi MARA, Malaysia)
- 12:00am *The Extension of the Retirement Age: Decent or Deprived* 1245  
Siti Norfazlina Yusoff (University Technology Mara, Malaysia); Nur Zafifa Kamarunzaman (Universiti Teknologi MARA, Malaysia)
- 12:20am *Flash floods and people preparedness in anticipating disaster in Malaysia* 1253  
Nurul Aliya Azmi (Universiti Teknologi MARA, Malaysia); Rugayah Hashim (Universiti Teknologi MARA & UiTM, Malaysia); Nurulaini Zamhury (Universiti Teknologi MARA, Malaysia)
- 12:40am *Countermand of Cheque: Legal and Practical Analysis* 1261  
Suraya Jamil (Universiti Teknologi MARA, Malaysia); Zulhabri Ismail (Universiti Teknologi MARA & Legal Aspects in Built Environment, Malaysia)

**Session : D22(Applied Sciences & Healthcare Applications (cont))**  
**Room : FR 9/10**  
**Chairs : Khalilah Khalil (Universiti Teknologi MARA Malaysia, Malaysia), Sim-Hui Tee (Multimedia University, Malaysia)**

- 11:00am *Antimicrobial activity of marine bacteria from Malaysian coastal area* 1273  
Norfaezah Mazalan (Universiti Teknologi MARA, Malaysia)
- 11:20am *Optimization of fish gelatin-alginate-genipin as encapsulating matrices for probiotic application using FCCD-RSM* 1283  
Khalilah Khalil (Universiti Teknologi MARA Malaysia, Malaysia)
- 11:40am *Forest Water Yield Retrieval Algorithm Using Operational Multi Sensor Data in Humid Tropical Watershed* N/A  
Mohd Rizaludin (Universiti Teknologi MARA Perlis, Malaysia); Mazlan Hashim (Prof, Malaysia)
- 12:00am *Controllable Density of Aligned Zinc Oxide Nanorod Arrays by Molarities Variation* 1295  
Salina Muhamad (Solar Cell Laboratory, FKE, UiTM Shah Alam, Malaysia); Suriani Abu Bakar (Universiti Pendidikan Sultan Idris, Malaysia)
- 12:20am *Electrodeposition and Characterization of Polyaniline Films* 1301  
Yusairie Mohd (Universiti Teknologi MARA, Malaysia)



1:00 PM - 2:00 PM  
Lunch

**Session : A23(Humanities & Education)**  
**Room : FR 1/2**  
**Chairs : Haryanti Mohd Affandi (Universiti Teknologi MARA, Malaysia), Rosiah Md. Noor (Universiti Teknologi MARA, Malaysia)**

- 2:00pm *The Use of International Relation Conceptual Models to Engage Public Diplomacy* 1313  
Noor Nirwandu Mat Noordin (UiTM, Malaysia); Anitawati Mohd Lokman (Universiti Teknologi MARA, Malaysia)
- 2:20pm *Prelude to Psychological Warfare in Malaysia: A Conceptual Understanding, Experience, and Future Advancement* 1325  
Ahmad Hasan Sauffiyan (Centre for Media and Information Warfare Studies, Malaysia); Anitawati Mohd Lokman (Universiti Teknologi MARA, Malaysia)
- 2:40pm *Stoneware body strength using industrial sludge to conceptually purposed for ceramic artworks* 1337  
Soudeh Salehi (University Technology MARA, Malaysia); Norhidayah Md. Zainuddin (Universiti Teknologi MARA, Malaysia); Rusmadiyah Anwar (Universiti Teknologi MARA, Malaysia)
- 3:00pm *Reproducing a Traditional "Wau" as a Potential Commercialized Product* 1343  
Rosiah Md. Noor (Universiti Teknologi MARA, Malaysia); Mohd. Azhar Abd. Manan (Universiti Teknologi MARA & Faculty of Art and Design, Malaysia)
- 3:20pm *Role of Video Application as an Instructional Strategy for Students Learning Development* 1351  
Fairus Kamaruzaman (Universiti Teknologi MARA, Malaysia)

**Session :B23(Information Technology & Mathematics)**  
**Room : FR 3/4**  
**Chairs : Phang Yook Ngor (Universiti Teknologi MARA Kampus Bandaraya Melaka, Malaysia), Zati Aqmar Zaharudin (Universiti Teknologi MARA Malaysia, Malaysia)**

- 2:00pm *Backpropagation Neural Network with New Improved Error Function and Activation Function for Classification Problem* 1359  
Ana Salwa Shafie (Universiti Teknologi MARA, Malaysia); Itaza Afiani Mohtar (Universiti Teknologi Mara Perak, Malaysia); Normah Ahmad (University Technology MARA, Malaysia); Suraya Masrom, Mrs (Universiti Teknologi MARA, Malaysia)
- 2:20pm *Smoke Shooter: Introducing Danger of Smoking to School Children with Persuasive Technology* 1371  
Mohammad Hafiz bin Ismail (Universiti Teknologi MARA, Malaysia); Nor Liyana Mohd Shuib (University of Malaya, Malaysia); Arifah Fasha Rosmani (Universiti Teknologi MARA, Malaysia); Siti Zulaiha Ahmad (Universiti Teknologi Mara Perlis, Malaysia)
- 2:40pm *Hurdle Strict Arcsine Model* 1381  
Phang Yook Ngor (Universiti Teknologi MARA Kampus Bandaraya Melaka, Malaysia); Loh Er Fu (Universiti Teknologi MARA Kampus Bandaraya Melaka, Malaysia)
- 3:00pm *Dynamic Conditional Location Allocation Model for Healthcare Facilities* 1389  
S. Sarifah Radiah Shariff (Universiti Teknologi MARA, Malaysia); Noor Moin (University of Malaya & University of Malaya, Malaysia); Mohd Omar (University of Malaya, Malaysia)
- 3:20pm *Monte Carlo & Quasi-Monte Carlo Approach in Option Pricing* 1401  
Mohd Azdi Maasar (Universiti Teknologi MARA, Malaysia); Noraimi Azlin Mohd Nordin (Universiti

Teknologi MARA, Malaysia); Marlyn Anthonyrajah (Sanlam Capital Markets, South Africa); Wan Murni Wan Zainodin (Universiti Teknologi MARA, Malaysia); Amani Mohammad Yamin (Universiti Teknologi Mara, Malaysia)

**Session :C23(Management, Business & Logistic)**

**Room : FR 7/8**

**Chairs : Nazirah Ramli (Universiti Teknologi MARA Pahang, Malaysia), Sharifah Faatihah Syed Mohd Fuzi (Universiti Teknologi MARA, Malaysia)**

- 2:00pm *Effect of Training Transfer Determinants on Small Businesswomen'(SMEs) Goal Setting Activities: Preliminary Findings* 1411  
Norlina Mohamed Noor (Universiti Teknologi MARA PERAK, Malaysia); Raja Munirah Raja Mustapha (Universiti Teknologi MARA Shah Alam, Malaysia); Rudzi Munap (Universiti Teknologi MARA Shah Alam, Malaysia)
- 2:20pm *Transformational Leadership and Use of Management Accounting Information System in Airlines Industry* 1421  
Suzana Hassan (Universiti Teknologi MARA, Malaysia)
- 2:40pm *Factors Influencing Performance of Independent Directors in Malaysia* 1433  
Sharifah Faatihah Syed Mohd Fuzi (Universiti Teknologi MARA, Malaysia)
- 3:00pm *Organizational Climate and Its Influence On Organizational Commitment: Case In Jakarta* 1445  
Syukuriah Idrus (Universiti Teknologi MARA, Malaysia); Safiah Omar (Universiti Teknologi Mara, Malaysia); Fauziah Noordin (International Education College (INTEC), UiTM, Malaysia); Yusrina Hayati Nik Muhd Naziman (Universiti Teknologi MARA, Malaysia); Azizi Masnan (UiTM Shah Alam, Malaysia); Julaina Baistaman (UiTM KELANTAN, Malaysia)
- 3:20pm *Corporate Social Responsibility: Institutional Legitimacy Action and Strategy* 1455  
Fathilatul zakimi Abdul hamid (Universiti Utara Malaysia, Malaysia)

**Session :D23(Civil Engineering & Built Environment)**

**Room : FR 9/10**

**Chairs : Zulkiflee Abd. Latif (UiTM, Malaysia), Mohd Syahrul Hisyam Mohd Sani (Universiti Teknologi Mara Pahang, Malaysia)**

- 2:00pm *Shear Strength of Steel and CFRP to Timber Interface* 1465  
Zakiah Ahmad (Institute Of Infrastructure Engineering And Sustainable Management & Universiti Teknologi Mara, Malaysia)
- 2:20pm *Annual Interception Loss Estimation with a Simple Equation* 1477  
Azinoor Azida Abu Bakar (Universiti Teknologi MARA, Malaysia); Aminuddin Baki (Universiti Teknologi MARA, Malaysia); Ismail Atan (Universiti Teknologi MARA, Malaysia); Mohd. Fozi Ali (Universiti Teknologi MARA, Malaysia); Zulkifli Yusop (Universiti Teknologi Malaysia, Malaysia); Muhammad Khairudin Khalil (Senior Assistant Director, Malaysia)
- 2:40pm *Transparency Initiatives (TI) of Construction Industry of Malaysia* 1489  
Rumaizah Mohd Nordin (University Technology MARA, Malaysia); Roshana Takim (Universiti Teknologi MARA, Malaysia); Abdul Hadi Nawawi (Universiti Teknologi MARA, Malaysia)
- 3:00pm *Comparison Study of Common Brick with S+WPSA Brick* 1501  
Mohd Syahrul Hisyam Mohd Sani (Universiti Teknologi Mara Pahang, Malaysia); Fadhluhartini Muftah (, Malaysia)

3:20pm *Biomethanation of Kitchen Waste and Sewage Sludge in Anaerobic Baffled Reactor* 1513  
Amirhossein Malakahmad (Universiti Teknologi PETRONAS, Malaysia); Shahrom Zain (Universiti Kebangsaan Malaysia, Malaysia); Noor Ezlin Ahmad Basri (Universiti Kebangsaan Malaysia, Malaysia)

3:40 PM - 4:00 PM  
Afternoon Coffee/Tea Break

<p><b>Session : A24(Humanities &amp; Education (cont))</b> <b>Room : FR 1/2</b> <b>Chairs : Haryanti Mohd Affandi (Universiti Teknologi MARA, Malaysia), Rosiah Md. Noor (Universiti Teknologi MARA, Malaysia)</b></p>
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4:00pm *Self-Monitoring: An effectual classroom strategy* 1521  
Norlaila Abdullah (Universiti Teknologi MARA, Malaysia)

4:20pm *Soft skills Implementation in Construction Management Program: a Survey of Malaysian Public Universities* 1533  
Haryanti Mohd Affandi (Universiti Teknologi MARA, Malaysia); Fadzil Hassan (UiTM & None, Malaysia); Mohd Firdaus Mustaffa Kamal (Universiti Teknologi Mara, Malaysia)

4:40pm *Teaching conceptions and methodology: a study on selected Malaysian English teachers* 1545  
Faizah A Majid (Universiti Teknologi MARA & Faculty of Education, Malaysia)

5:00pm *The Effect of Inventory Management, Internal and External Relationships on Customer Service in the Retail Industry* 1557  
Zainah Abdullah (Universiti Teknologi MARA, Malaysia); Aznur Hajar Abdullah (Multimedia University, Malaysia); Rosidah Musa (UiTM, Malaysia); Lennora Putit (UiTM, Malaysia)

<p><b>Session :B24(Information Technology &amp; Mathematics (cont))</b> <b>Room : FR 3/4</b> <b>Chairs : Phang Yook Ngor (Universiti Teknologi MARA Kampus Bandaraya Melaka, Malaysia), Zati Aqmar Zaharudin (Universiti Teknologi MARA Malaysia, Malaysia)</b></p>
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4:00pm *Finding Shortest Path of the Ambulance Routing: The Interface using C# Programming* 1569  
Noraimi Azlin Mohd Nordin (Universiti Teknologi MARA, Malaysia); Zati Aqmar Zaharudin (Universiti Teknologi MARA Malaysia, Malaysia); Mohd Azdi Maasar (Universiti Teknologi MARA, Malaysia); Nor Amalina Nordin (Universiti Teknologi MARA, Malaysia)

4:20pm *Extended Midpoint method for solving fuzzy differential equations* 1579  
Reza Afsharinafar (Institute for Mathematical Research, Universiti Putra Malayisa, Malaysia); Fudziah Ismail (Mathematics Department, Science Faculty, Universiti Putra Malayisa, Malaysia); Ali Ahmadian (Mathematics Department, Science Faculty, Universiti Putra Malayisa, Malaysia)

4:40pm *An Integrated Fuzzy Approach to Solving Multi-criteria Decision Making Problems* 1591  
Nor Hanimah Kamis (Universiti Teknologi MARA, Malaysia); Mohamad Daud (Universiti Teknologi MARA, Malaysia); Nor Hashimah Sulaiman (Universiti Teknologi MARA, Malaysia); Kamilah Abdullah (Universiti Teknologi MARA, Malaysia); Ihsan Ibrahim (Universiti Teknologi MARA, Malaysia)

5:00pm *Firearm Identification Using Numerical Features of Centre Firing Pin Impression Image* N/A  
Choong-Yeun Liong (Universiti Kebangsaan Malaysia (UKM), Malaysia)

**Session : C24(Management, Business & Logistics (cont))**

**Room : FR 7/8**

**Chairs : Nazirah Ramli (Universiti Teknologi MARA Pahang, Malaysia), Sharifah Faatihah Syed Mohd Fuzi (Universiti Teknologi MARA, Malaysia)**

4:00pm *The promotion of Electronic Filing Technology* 1603

Memiyanty Rahim (Universiti Teknologi MARA, Malaysia); Jasmine Ahmad (Universiti Teknologi MARA, Malaysia); Rozainun Abdul Aziz (Universiti Teknologi MARA, Malaysia); Khamisi Che Abdul Hamid (Universiti Teknologi MARA, Malaysia); Zurina Md Nen (Universiti Teknologi MARA, Malaysia)

4:20pm *The Influence of Co-worker and Supervisor Support on Waiters' Performance in 4 & 5-star Hotels in Kuala Lumpur* 1611

Nadia Nazlan (Universiti Teknologi MARA, Malaysia); Artinah Zainal (Universiti Teknologi MARA, Malaysia)

4:40pm *Ranking Fuzzy Numbers using Dice Index with Hurwicz Criterion* 1623

Nazirah Ramli (Universiti Teknologi MARA Pahang, Malaysia)

5:00pm *The Importance of Training for Halal Logistics Industry In Malaysia* 1635

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)