



UNIVERSITI
TEKNOLOGI
MARA

Cawangan Perlis
Kampus Arau

 **i-DeA™2020**
THE 5TH INTERNATIONAL INNOVATION,
DESIGN AND ARTICULATION



***INTERNATIONAL
SCIENCES, TECHNOLOGY
AND ENGINEERING
CONFERENCE***

**8th October 2020
(Thursday)**

CONFERENCE TENTATIVE

4th International Sciences, Technology and Engineering Conference 2020 (ISTEC 2020)
8th October 2020 (Thursday)

VIRTUAL CONFERENCE

LINK TO JOIN: <https://meet.google.com/fhy-gkvm-ucq>

Time	Itinerary
0800-0830	Registration of the presenters / participants via virtual platform Emcee/Moderator: Dr. Roziana Mohamed Hanaphi
0830-0835	Malaysian National Anthem "Negaraku" and "Wawasan Setia Warga UiTM"
0835-0840	Recital Du'a by En. Khairul Naim Abd Aziz
0840-0850	Welcoming Speech: Prof. Dr. Hj. Khudzir Hj. Ismail (Rector Universiti Teknologi MARA, Perlis, Malaysia)
0850-0900	Presenting i-IDEA2020 Corporate Montage
0900-0945	Plenary Session: "Development of Hybrid Fillers in Rubber Composites" – Prof. Ts. Dr. Hanafi Ismail
0945-1015	Keynote Session: "Physico-Mechanical Properties Of Wet-Spinned Regenerated Cellulose Fiber Embedded With Graphene Oxide"-Prof. Dr. Sarani Zakaria
1015-1045	Keynote Session: "Ab-Initio Studies of Cathode Material Properties for Sodium Ion Batteries"- Lt Kol Prof. Ts. Dr Muhd Zu Azhan Yahya
1045-1050	Photo Session via Virtual Platform
1050-1055	Announcement of the Best Poster Awards

Parallel Session			
	ROOM 1 Chairperson: Dr. Nabilah Akemal Muhd Zailani LINK TO JOIN: https://meet.google.com/pnr-eppz-ivj	ROOM 2 Chairperson: Puan Azliana Ramli LINK TO JOIN: https://meet.google.com/vhb-mmos-cqw	ROOM 3 Chairperson: Assoc. Prof. Dr Ramani Mayappan LINK TO JOIN: https://meet.google.com/cmz-umkb-wpw
Invited Speaker Sessions 1055-1115	Dr. Mohd Syamsul Nasryiq B. Samsol Baharin (USM) <i>(Power Devices: State-of-the-Art and Future Prospects)</i>	Assoc. Prof. Dr. Midhat Nabil B. Ahmad Salimi (UniMAP) <i>(Particle Size Analysis Methods)</i>	Assoc. Prof. Dr. Ng Eng Poh (USM) <i>(Colloidal Zeolite Nanocrystals from Organic Template Free System)</i>
1115-1130	Wahida Abdul Rahman <i>(Effect Of Contact Time On The Properties of Cellulose, Cellulose Acetate And Its Film Derived From Various Wastes)</i>	Dr. Zuliahani Ahmad <i>(Mechanical, Adhesion and Corrosive Properties Of Unsaturated Polyester- Graphene Coating Treated With Silane Coupling Agent On Metal Substrate)</i>	Dr. Jeyashelly Andas <i>(Synthesis And Characterization of Low Cost Activated Carbon from Dried Rind Garcinia Xanthochymus)</i>
1130-1145	Dr. Mohd Lokman Ibrahim <i>(Visible Light Irradiation Driven Biodiesel Production From Waste Cooking Oil Using Cds/Zno Photocatalyst)</i>	Roslin Binti Ramli <i>(Analysis of Tensile Strength of Different Angle Orientation and Stack Sequences)</i>	Sofea Nabila Binti Hazmin <i>(Effect of Nozzle-Substrate Distance on The Structural and Optical Properties of Azo Thin Films Deposited by Spray Pyrolysis Technique)</i>
1145-1200	Dr. Suraya Ahmad Kamil <i>(Preparation And Characterization Of SiO₂-ZrO₂:Er³⁺/Yb³⁺ Thin Film Deposited On Fused Silica And Silicon Wafer Substrate Via Sol-Gel/Dip Coating Technique)</i>	Aaliyawani Ezzerin Binti Sinin <i>(Dielectric Properties and A.C Conductivity in La_{0.90}Bi_{0.10}MnO₃)</i>	Salma Izati Binti Sinar Mashuri <i>(ZNO/CDSs-Al₂O₃ Support Photocatalyst In Organic Pollutant Degradation Under Visible Light)</i>
1200-1215	Assistant Prof. Dr Yeoh Keat Hoe <i>(Steady-State and Electronics and Magnetic Properties of P-Block Elements Doped 2d Buckled Gallium Nitride Mgan (M = Al, Si, P And S): A First-Principles Study)</i>	Siti Hashimah Binti Mohamad Hanif <i>(Effect of Strontium Doping On Structural And Electrical Properties of LMTO Ceramic)</i>	Izzaidah Binti Riman <i>(Application of Molybdenum Oxide Catalyst for Oxidative-Extractive Desulfurization Process)</i>

1215-1230	Faris Ammar Bin Ahmad Zakri <i>(The Effect Of The Agriculture Waste Substitution Into Fired Clay Bricks On The Physical, Mechanical And Thermal Properties)</i>	Marina bt Mohd Shahabudin <i>(Maleated Soybean Oil Based Thermoset Resin With Propylene Glycol As Monomer In The Preparation Of Low Volatile Organic Compound Film)</i>	Assoc. Prof. Dr. Haslina Ahmad <i>(Drug Delivery Of Potential Anticancer Ruthenium Complex By Mesoporous Silica Nanoparticles)</i>
1230-1245	Ts. Dr. Atiyah Musa <i>(Modelling The Influence Of Yarn Spinning Type And Twist On Fabric Hand Evaluated By Fabric Touch Tester)</i>	Assistant Prof. Lee Zhi Hua <i>(Ethanol-Water Hydration Treated Calcium-Based Adsorbents Derived From Clam Shells And Cockle Shells For Carbon Dioxide Adsorption)</i>	Assoc. Prof. Dr. Faridah Lisa Supian <i>(Electrical Properties And Raman Studies Of 25, 26, 27, 28-Tetrahydrocalix[4]Arene, Reduced Graphene Oxide, And Its Hybrid Onto Langmuir Blodgett (Lb) Films For Enhancing Metal Cations Detections Utilizations)</i>
1245-1300	Dr. Sim Lan Ching <i>(Design Of Homemade Photoreactor For Dye Removal Upon Irradiation By Sunlight)</i>	Siti Khatijah Binti Jamaludin <i>(Potential Of Banana Peels And Sugarcane Bagasse As Lost Circulation Material Additive In Drilling Mud Application)</i>	Nurul Ain Jamion <i>(Removal Of Lead In Soil By Eggshells Activated Carbon)</i>
1300-1430	Lunch Break		
	ROOM 1 Chairperson: Dr. Nurul Aizan Mohd Zaini LINK TO JOIN: https://meet.google.com/pnr-epz-iyj	ROOM 2 Chairperson: Dr. Ang Lee Sin LINK TO JOIN: https://meet.google.com/yhh-mmos-cqw	ROOM 3 Chairperson: Dr. Zaidi Abd Ghani LINK TO JOIN: https://meet.google.com/cmj-umkb-wpw
Invited Speaker Sessions 1430-1450	Dr. Siti Zafirah Zainal Abidin (UiTM) <i>(Electrical Properties of Agarose-based Gel Polymer Electrolyte)</i>	Dr. Mohamad Fariz Mohamad Taib (UiTM) <i>(First Principles Study on Electronic And Thermoelectric Properties of High Promising Lead Free Element of SnTiO₃ by Using Density Functional Theory)</i>	Dr. Mohd Hafiz Mohd Zaid (UPM) <i>(The Bright Future of Glass-ceramic Research from Waste Materials)</i>
1450-1505	Assoc. Prof. Dr. Ramani Mayappan <i>(Effect Of Cooling Rates On Contact Angle, Joint Strength And Intermetallic Of Sn-9zn Solder Alloy)</i>	Dr. Jeyashelly Andas <i>(Green Synthesis Of Mesoporous Carbon From Kapok)</i>	Adzrie Baharudin <i>(Effect Of Various Mechanical Stretching Time On Polymorphism Of Polyvinylidene Fluoride (Pvdf) Thin Films)</i>

1505-1520	Amirul Azani Ibrahim <i>(The Effects of Adding Oryza Sativa Straw Ash to Ceramic Crystalline Glaze)</i>	Nurul Adilah Shahrul Faizal <i>(The Effect Of Devulcanized Microwave Radiation Time On Cross Link Density Of EPDM Waste/Natural Rubber Blends)</i>	Farah Liyana Bohari <i>(Synthesis and Characterization of Herbicide-4-Chlorophenoxyacetate Interleaved into Layered Hydroxide Salt and Its Control Release Study)</i>
1520-1535	Najwa Asilah <i>(Examining The Effect Of Base, Solvent And Temperature In Heck Reaction With The Presence Of Palladium(Ii)-Hydrazone Complexes)</i>	Dr. Nurul Akidah Baharuddin <i>(Structural, Physical And Thermal Characteristics Of Srfe0.9ti0.1o3âˆ™i'Â€“Sdc Composite Cathodes For Intermediate Temperature Solid Oxide Fuel Cells)</i>	Fatimah Binti Zulkifli <i>(Enhancing The Properties Of Nano-Porous Si Using A New Wet Etching Technique)</i>
1535-1550	Dr. Nabilah Afiqah <i>(Kenaf Reinforced Polypropylene Composites: A Numerical Simulation)</i>	Norasmah Mohhamed Manshor <i>(Moisture Sorption Of Cassava Starch Film Incorporated With Kaffir Lime Oil And The Prediction Models)</i>	Muhammad Amirul Hakim Lokman Nohakim <i>(The Effect Of KOH/Al2O3 As Heterogeneous Base Catalyst For Biodiesel Production From Household Waste Cooking Oil)</i>
1550-1605	Nur Arina Binti Mat Rusni <i>(Physical And Thermal Properties Of Low Energy Consumption Fired Industrial Waste-Clay Bricks From Cockle Shells And Soda Lime Silica Glass)</i>	Omar Khasawneh <i>(Removal Of Fluoranthene And Pyrene From Rainwater Using Solar/Tio2 Photocatalysis: Optimization Study)</i>	Azreen Junaida Abd Aziz <i>(Sintering Temperature Effect On Polarization Resistance Of Srfe0.9ti0.1o3âˆ™i'Â€“Sdc Composite Cathodes For Intermediate Temperature Solid Oxide Fuel Cells)</i>
1605-1615	Nur Diyana Binti Zainol Abidin <i>(Production Of Bioplastic From Cassava Peel With Different Concentrations Of Glycerol And CaCO3 As Filler)</i>	Prapat Mahapattanathai <i>(Parallel Plate Capacitor Designed To Determine The Dry Rubber Content In Natural Rubber Latex)</i>	Aunie Afifah Abdul Mutalib <i>(Sugarcane Bagasse Ash Impregnated With Cao As Basic Heterogeneous Catalyst In Biodiesel Production)</i>
1615-1630	Nur Shahidatul binti Jamaludin <i>(Effect of Ethylene Carbonate (EC) Plasticizer on Epoxidized 30% Poly (Methyl Methacrylate)-grafted Natural Rubber Based Polymer Electrolytes for Lithium Batteries)</i>		
1630	End of conference		



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