


## PROGRAM DETAILS

- Time:** Opening Ceremony : 9.00 a.m. – 10.45 a.m.  
 1<sup>st</sup> Floor, Library, Universiti Malaysia Kelantan, Jeli Campus
- (Seminar Session I) : 11.00 a.m.-1.00 p.m.  
 (Seminar Session II) : 2.00 p.m.- 5.00 p.m.
- Venue:** 1<sup>st</sup> Floor, Library, Universiti Malaysia Kelantan, Jeli Campus  
 Ground Floor, Library, Universiti Malaysia Kelantan, Jeli Campus
- Presentation Mode:** Hybrid (Physical /Virtual)
- Presentation Session:** 10 minutes presentation following by 5 mins Q&A on each session
-  Online Participants

## PROGRAM SCHEDULE

Tuesday, 26 November 2024		
Time (UTC/GMT+8)	Schedule (Link: <a href="https://bit.ly/BiePoST-Room1">https://bit.ly/BiePoST-Room1</a> ), <b>Library Seminar Room (1<sup>st</sup> Floor)</b> Emcee: Ms. Nur Ain Atiqah Jamaluddin/ Mr. Muhammad Amidee bin Abdullah	
8.40 a.m.	Arrival of Postgraduate Students	
9.00 a.m.	Arrival of Dean, Speakers and Lecturers - National Anthem, Terbilang UMK, - Event Introduction - Du'a Recitation	
9.10 a.m.	Welcoming and Opening Speech by FBKT Dean <b>Assoc. Prof. Ts. Dr. Sarizam Mamat</b>	
9.40 a.m.	Speech by Keynote Speaker <b>Asst. Prof Dr. Othman Talib</b> Title: Humanizing & the Social Impact of Technological Advancements	
10.40 a.m.	<b>Refreshment</b>	
Hybrid Mode (Morning Session)		
Room	<b>ROOM1:</b> Library Seminar Room (1 <sup>st</sup> Floor)	<b>ROOM2:</b> Library Meeting Room (Ground Floor)
Link	<a href="https://bit.ly/BiePoST-Room1">https://bit.ly/BiePoST-Room1</a>	<a href="https://bit.ly/BiePoST-Room2">https://bit.ly/BiePoST-Room2</a>
Sessions	Session 1: Bio Industrial Technology Wood and Forest Technology Applied Chemistry	Session 2: Materials Technology Energy Technology Mineral Technology
Chairperson	Mr. Muhammad Amidee bin Abdullah	Mdm. Nur Aiman Binti Mohamad Senusi
10.40-11.00 a.m.	Invited Speaker 1: <b>Dr. Ainayahati binti Abdul Rahim</b> Title: Rhizobacteria as potential biofertilizer	Invited Speaker 3: <b>Dr. Nik Alnur Auli Nik Yusuf</b> Title: Characterization of Eggshell Powder as a Filler in Epoxy Resin Composite

11.00-11.20 a.m.	<p>Invited Speaker 2:  <b>Dr. Wan Suriyani Faliq Adeeba Binti Wan Ibrahim</b>                      Title:                      Phytochemical Analysis and Antioxidant Activity of <i>Etingera elatior</i> Extracts Using UAE Method</p>	<p>Invited Speaker 4:  <b>Assoc. Prof. Dr. Noor Fazliani binti Shoparwe</b>                      Title:                      Applications of Membrane Technology in Separation of Valuable Metal Ion</p>
11.20-11.35 a.m.	<p>Presenter 1:  <b>Ms. Nor Sarah Amira [AC 003]</b>                      Title:                      Extraction of Asiaticoside from <i>Centella asiatica</i> sp. Using Enzyme Assisted Extraction</p>	<p>Presenter 1:  <b>Ms. Nur Hidayah Binti Yaakob [MST 005]</b>                      Title:                      Mechanical Properties of Annealed Soda Lime Silica Glass with Various Potassium Salt by Ion Exchange</p>
11.35-11.50 a.m.	<p>Presenter 2:  <b>Ms. Sharmmila a/p Pubalan [BT 002]</b>                      Title:                      Fermentative Production of Natural Polysaccharides, Starch by <i>Bacillus</i> sp. Isolated from Soil Sample</p>	<p>Presenter 2:  <b>Ms. Camilla Kong [MST 004]</b>                      Title:                      Wire Arc Additive Manufacturing (WAAM) - A Review</p>
11.50 a.m.-12.05 p.m.	<p>Presenter 3:  <b>Mr. Mustaqim bin Sapian [BT 005]</b>                      Title:                      Nutrient Analysis of Commercial Compost and Compost Produced from Household Food Waste in Correlation to Soil Physicochemical Properties</p>	<p>Presenter 3:  <b>Mdm. Hasanah Binti Safein @ Shafie [MST 008]</b>                      Title:                      The Stoichiometric in Doping Process of Dielectric materials: A Significance Structured Review</p>
12.05-12.20 p.m.	<p>Presenter 4:  <b>Mdm. Affidah Mardziah binti Mukhtar [MST 003]</b>                      Title:                      The Use of Plant Probiotics to Improve the Mechanical Properties and Durability of Concrete</p>	<p>Presenter 4:  <b>Ms. Sharumitha a/p Murugan [MST 011]</b>                      Title:                      Polymer nanocomposites for food coating / packaging application : A review</p>
12.20-12.35 p.m.	<p>Presenter 5:  <b>Mdm. Fatin Nabilah Ishak [BT 004]</b>                      Title:                      Physiological and Molecular Characterization of Endophytic and Epiphytic, Pink-Pigmented Facultative Methylotrophs (PPFMs) Isolated from Paddy (<i>Oryza Sativa</i>) and Palm Oil (<i>Elaeis Guineensis</i>) Leaves</p>	<p>Presenter 5:  <b>Mr. Muhamad Afif Zaafarani Bin Muhamad Aidi [MST 018]</b>                      Title:                      Preliminary Study of <i>Melastoma Malabathricum</i> L. Leaf Extract as Green Corrosion Inhibitor for Car Radiator</p>
12.40-2.00 p.m.	<b>Lunch</b>	

Hybrid Mode (Afternoon Session)		
Room	ROOM1: Library Seminar Room (1 <sup>st</sup> Floor)	ROOM2: Library Meeting Room (Ground Floor)
Link	<a href="https://bit.ly/BiePoST-Room1">https://bit.ly/BiePoST-Room1</a>	<a href="https://bit.ly/BiePoST-Room2">https://bit.ly/BiePoST-Room2</a>
Sessions	<b>Session 3:</b> Bio Industrial Technology Wood and Forest Technology Applied Chemistry	<b>Session 4:</b> Materials Science and Technology Energy Technology Mineral Technology
Chairperson	Ms. Camilla Kong	Ms. Sharumitha a/p Murugan
2.00-2.20 p.m.	Invited Speaker 5: <b>Ts. Dr. Arlina binti Ali</b> Title: Antibacterial Activity in different zinc oxide morphologies	Invited Speaker 7: <b>Ts. Dr. Muhammad Iqbal bin Ahmad</b> Title: Analysis of Microvoid Formation in Light-Emitting Diode (LED) Encapsulation: A Numerical Modelling Approach
2.20-2.40 p.m.	Invited Speaker 6: <b>Dr. Nurul Akmar binti Che Zaudin</b> Title: Innovative Low-Energy Formulation of Nanoemulsions	Invited Speaker 8: <b>Dr. Azfi Zaidi bin Mohammad Sofi</b> Title: Identifying Optimum Parameter in the Experiment Output by using Taguchi Design of Experiment (DOE)
2.40-2.55 p.m.	Presenter 1: <b>Ms. Teo Chai Ting [AC 005]</b> Title: Optimizing <i>Piper betle</i> Nanoemulsions: Investigating the Impact of Oil Ratio on Droplet Size and Stability	Presenter 1: <b>Mr. Syahril Azli Bin Abdul Rahman [MST 007]</b> Title: Parametric Optimization of Hybrid TIG-MIG Welding for Superior Aluminum-Steel Dissimilar Joints
2.55-3.10 p.m.	Presenter 2: <b>Mr. Mohd Firdaus Bin Makhtar [MST 001]</b> Title: Recent Advances in Active Agri-Packaging Bionanocomposites for Fresh Fruit and Vegetables Preservation: A Review	Presenter 2: <b>Mr. Muhammad Afif bin Aziz [MST 016]</b> Title: Development of Ferrous Solution Derived from Steel Slag for Industrial Wastewater Treatment
3.10-3.25 p.m.	Presenter 3: <b>Mr. Mohd Fadzhe Bin Mohd Nasir [BT 003]</b> Title: Innovative Bio-Retting of Kenaf Bast Fiber Using Enzyme Combinations: The Kenaf-Biozyme Integrated Processing System	Presenter 3: <b>Mdm. Fathin Asila binti Mohd Pabli [MST 012]</b> Title: A Review on Microwave Processing Technique in CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> Production

3.25-3.40 p.m.	Presenter 4: <b>Mr. Khairul Fahmi bin Ab Wahab</b> [WT 001] Title: Investigation of <i>Cinnomomum Iners</i> Extract from Water and Ethanol for Wood Protections	Presenter 4: <b>Mdm. Nur Aiman Binti Mohamad Senusi</b> [MST 013] Title: Enhancing Fresh Produce Longevity: Innovative Coating Solutions to Reduce Waste
3.40-3.55 p.m.	Presenter 5: <b>Ms. Izzati binti Mohmad Nasir</b> [MST 009] Title: Characterisation of Silica Extracted from Rice Husk Functionalised by Guanine (RHACGua)	Presenter 5: <b>Ms. Pulagam Jahnavi</b> [BT008] (Sri Padmavati Mahila Visvavidyalayam (SPMVV)) Title: Green Solutions: Harnessing Oceanic Diatoms for A Pollution Free Tomorrow
3:55-4:10 p.m.	Presenter 6: <b>Mdm. Meyla Suhendera</b> [MST 023] Title: Antioxidant and Antidiabetic Activity of Traditional Medicinal Plant: <i>Phanera semibifida</i> from Lingga Island, Riau Island Province	Presenter 6: <b>T.Lakshmi lavanya</b> [MST 025] Title: Biosynthesis of Titanium nanoparticles from <i>Phyllanthus niruri</i> integrated into starch-PVA films for smart and active food packaging
4.15 p.m.	Closing Speech by FBKT Academic and Postgraduate Deputy Dean <b>Ts. Dr. Ainihayati Binti Abdul Rahim</b> Library Seminar Room (1 <sup>st</sup> Floor)	