

DAY 1: 20th MAY 2024		
Time		
0845 – 0900	Opening by Emcee – National Anthem- Recite doa	
0900 – 0915	Welcoming Speech by the Conference Chairman	
0915 – 0930	Officiating Speech by Dean of Faculty Engineering	
0930 – 1000	COFFEE BREAK+ Photography session	
1000 – 1030	Keynote 1 – Prof Dr. Yasir Nawab Chair: Prof Ir. Dr. Sapuan Salit	
1030 – 1100	Keynote 2 – Dr Agung Efriyo Hadi Chair: Prof Ir. Dr. Sapuan Salit	
1100 – 1130	Industry 1 – Crest Chair: Prof Ir. Dr. Sapuan Salit	
1130 – 1140	Break-up setup	
Session	Track 1	Track 2
Venue	Seminar Room	Thinker Space 2
Time	A	B
	Session A1 Chair: Assoc. Prof. Dr Che Nor Aiza Co-Chair: Dr Dele Afolabi	Session B1 Chair: Ts. Dr. Ahmad Ilyas Rushdan Co-Chair: Miss. Fatin
1140 – 1155	Paper ID 29	Paper ID 10
1155 – 1210	Paper ID 34	Paper ID 22
1210 – 1225	Paper ID 43	Paper ID 28
1225 – 1240	Paper ID 45	Paper ID 38
1240 – 1255	Paper ID 2	Paper ID 42
1255 – 1400	LUNCH BREAK & NETWORKING	
	Session A2 Chair: Ir. Dr. Mohd Hafis Co-Chair: Dr Azmah Hanim	Session B2 Chair: Dr. Mohd Zuhri Co-Chair: Dr Vasi
1400 – 1415	Paper ID 13 (invited)	Paper ID 23 (invited)
1415 – 1430	Paper ID 3	Paper ID 35
1430 – 1445	Paper ID 4	Paper ID 46
1445 – 1500	Paper ID 15	Paper ID 48
1500 – 1515	Paper ID 37	Paper ID 69
1515 – 1530	Paper ID 63	Paper ID 59
1530 – 1545	Break-up setup	Break-up setup
	Session A3 Chair: Dr Riza Wirawan Co-Chair: Ong Jun Lin	Session B3 Chair: Assoc. Prof. Dr. Azmah Hanim Co-Chair: Miss Fatin
1545 – 1600	Paper ID 62 (invited)	Paper ID 61 (invited)
1600 – 1615	Paper ID 21 (invited)	Paper ID 30
1615 – 1630	Paper ID 56	Paper ID 31
1630 – 1645	Paper ID 41	Paper ID 32
1645 – 1700	Paper ID 66	Paper ID 71
1700 – 1715	Paper ID 5	Paper ID 19
	END DAY 1	

DAY 2: 21st MAY 2024		
Time		
0900 – 0930	Keynote 3 – Prof Dr. Saiful Amri Mazlan Chair: Assoc. Prof. Dr Edi Syams Zainudin	
0930 – 1000	Keynote 4 – Ir. Dr Abdul Azim Abdul Rahman Chair: Assoc. Prof. Dr Edi Syams Zainudin	
1000 – 1030	Industry 2 – Semarak Ilmu Chair: Assoc. Prof. Dr Edi Syams Zainudin	
1030 – 1040	Break-up setup	
	Session A4 Chair: Dr Talitha Asmaria Co-Chair: Dr Azmah Hanim	Session B4 Chair: Assoc. Prof. Dr Suraya Co-Chair: Mr. Ong Jun Lin
1040 – 1055	Paper ID 39 (invited)	Paper ID 60 (invited)
1055 – 1110	Paper ID 58 VIDEO (invited)	Paper ID 11 (invited)
1110 – 1125	Paper ID 6	Paper ID 65
1125 – 1140	Paper ID 8	Paper ID 49
1140 – 1155	Paper ID 18	Paper ID 57
1155 - 1210	Paper ID 73	Paper ID 64
1210 - 1225	-	Paper ID 74
1225 – 1400	LUNCH BREAK & NETWORKING	
	Session A5 Chair: Assoc. Prof. Dr Zulkiflle Leman Co-Chair: Dr Vasi	Session B5 Chair: Dr. Muhamad Amin Azman Co-Chair: Dr Dele Afolabi
1400 – 1415	Paper ID 72 (invited)	Paper ID 14 (invited)
1415 – 1430	Paper ID 26	Paper ID 7 (VIDEO)
1430 – 1445	Paper ID 9	Paper ID 24
1445 – 1500	Paper ID 16	Paper ID 20
1500 – 1515	Paper ID 70	Paper ID 17
1515 – 1530	Paper ID 55	Paper ID 44
1530 – 1600	Paper ID 75	-
1600 – 1615	Break-up setup	
1615 – 1645	Winner announcement +prize giving	
1645 – 1700	Closing Speech by the Conference Co-Chairmen	
	END DAY 2	

Id Presenter	Full Name with title (Example: Prof. Ir. Dr. Sapuan Salit)	Title of Paper
2	Dr. Vasi Uddin Siddiqui	Mechanical performance evaluation of graphene nanoplatelets/polylactic acid (GNP/PLA) biocomposite
3	Mr. Yusuf Jameel	Innovative Eco-friendly Material Synthesis: Graphene filled Green Epoxy Bio nanocomposites
4	Mr. Yusuf Jameel	Effect of graphene nanoplatelets and nanocellulose on mechanical, thermal, and electrical properties of biobased polymer composites
5	Dr. Nabilah Afiqah Mohd Radzuan	Influence of Layer Thickness of 3D Printed Polyamide Against Temperature
6	Mr. Mohammad Zaid Hasan	Environmental Accountability in the Furniture Industry: A Life Cycle Assessment Approach
7	Zaid G. Mohammadsalih	The effect of Graphene Oxide loading on properties of different styrenic matrices
8	Ts. Mohd Irman Ibrahim	Flexural Analysis of Composite B-Pillar
9	Mr. Abir Khan	A Review on Recent Advancements in Textile Composites for Biomedical Applications
10	Muhammad Adlan Azka	A Review of Water Absorption Behavior on Natural Fiber Reinforced Polylactic Acid Composites
11	Assoc. Prof. Ir. Dr. Ahmad Baharuddin bin Abdullah	Low Cost MIG based Wire Arc Additive Manufacturing (WAAM) Machine
13	PROF. DR. EDI SYAMS BIN ZAINUDIN	Water absorption and tensile Properties of Oil Palm Empty Fruit Bunch/Banana Hybrid Composites
14	Dr. Muhammad Asyraf bin	Selection of Natural Fibre in Hybrid Synthetic/Natural Fibre Reinforced Polymer Composites for Automotive Side Mirror Housing Applications

	Muhammad Rizal	
15	Muhammad Firdaus Bin Abdul Halim	Graphene Biopolymer Nanocomposite for Piezoelectric Sensor Application
16	Siti Amira Othman	Study The Properties of Lysozyme With Magnetic Particle For Drug Delivery Application
17	Mr. Yusuf Jameel	PHYSICAL AND MECHANICAL PROPERTIES OF SUGAR PALM FIBRE REINFORCED EPOXY/UNSATURATED POLYESTER BLEND COMPOSITES
18	Mr. Praveenkumara Jagadeesh	Basalt Powder as a reinforcement in thermoset and thermoplastic based polymer composites for lightweight applications
19	Mr. Arulmozhivarn Joseph Chandran	Marine Waste as a Resource: Developing Bio-Epoxy Composites for a Sustainable Future
20	Abdul Habib	Mechanical, Thermal, and Physical Characterization of Arrowroot-Based Bioplastics
21	Dr. Mohd Nurazzi Norizan	Critical Assessment of the Thermal Stability and Degradation of Chemically Functionalized Nanocellulose-based Polymer Nanocomposites
22	Engr. Ahmad Musa Mukaddas	Hybrid Polyamide Biocomposites for Heavy-duty Railway Sleeper Application
23	Dr. Riza Wirawan	Mechanical properties of a 3D woven glass/polyester composite after the addition of aluminum trihydroxide
24	BUDATI SINDHU	Effect of sugar palm fibers loading on the wear behavior of brake pad composite for railway brake pad applications
26	Talitha Asmaria, M.Sc.	Reverse Engineering of Aneurysm Clip using Metal Forming
28	Khalid Ibrahim Mohsin	Tensile and thermal properties of polyurethane foam/coconut husk composite for air conditioning insulation
29	Abdulbaki Malam Aliyu	A comprehensive Review of Precursors for Electrodeposition of CdS Thin Films
30	Ph.D. candidate Yuming Liu	Evaluating Comfort in Construction Exoskeletons: A Systematic Literature Review and Meta-Analysis
31	Ts. Mohd Fadhil bin Rani	Low Velocity Impact Test of 3/2 Fibre Metal Laminate
32	Dr. Wan Fathul Hakim Bin W Zamri	Critical Review of Three-point Bending Test and Standard Side Impact Tests of Anti Intrusion Beam

34	Assoc. Prof. Dr. Azmah Hanim Binti Mohamed Ariff	Bismuth Addition in Sn-Ag-Cu Lead-Free Solder
35	Assoc. Prof. Dr Azmah Hanim Mohamed Ariff	Influence on thermal and corrosion characteristics of solar thermal systems by addition of MXene as microstructural modifier in solar thermal absorber
37	Prof. Dr. Mohd Zaidi Bin Omar	Microstructure and Mechanical Properties of Graphene Reinforced A356 Composites Produced by Semi-solid Process
38	NUR FARAH BAZILAH BINTI WAKHI ANUAR	Effect of Short Heat Treatment on Wear Characteristics of Graphene Reinforced A356 Aluminium Composites
39	Ir. Dr. Ashraf Azmi	A Comparative Study Between Design and Parameter Adjustment for Profit Maximization of Low-Density Polyethylene (LDPE) Production in High-Pressure Tubular Reactor
41	MOHD ALI BIN MAT NONG	Synthesis and Characterization of Electrospun Fibers from PAN/Cellulose Acetate : A Suitable Approach
42	Prof Ir Dr Abu Bakar Sulong	Hybrid Glass/Jute Fiber Epoxy Composites: Thermal Cycling Effects on Flexural Behavior
43	Ts. Saiful Adilin bin Shokri	Enhancing the Performance of P91 Steel Welds: A Review of Heat Treatment and Repair Techniques
44	Ts. Gautheman Kurup	Effect of Compatibilizer and Plasticizer on the Mechanical Performance of PLA/Tapioca Bio-composites
45	Muhammad Shuhaimi Bin Ibrahim	Investigating Coating tools on Aluminum in Blanking Process
46	Juraina Md Yusof	Structural and morphological evolution of ZnO nanostructures hybridized with carbon nanotubes cotton under the influence of synthesis temperature.
48	Mannir Ibrahim Tarno	Reinforcing aluminum matrix with chromium and iron for optimum corrosion characteristics and improved strength in solar-still absorber
49	Dr. Farhana Mohd Foudzi	Heat Treatment on Multi-Material Additive Manufacturing Fabricated by Laser Powder Bed Fusion
55	Fathin Iliana Binti Jamhari	Ti6Al4V-LPBF Microstructural Changes Through Alteration of Heat Treatment Parameters
56	DR RIDHWAN BIN JUMAIDIN	Characteristics of Thermoplastic Cassava Starch/Natural Fibre Composites: A Review
57	Dr. Zhang	Development of an Ergonomically - Designed Leiqin Leg Rest Using Additive Manufacturing

58	Dr. Ir. Mochamad Asrofi, S.T.	Mechanical Properties of PLA Biocomposite Reinforced with Sugarcane Bagasse Fiber using 3D Printing Method: Effect of Alkalization on Fiber Surface
59	Abir Khan	Advancements in Bamboo-Kenaf Fibers Reinforced Hybrid Polymer Composites Research
60	ASSOCIATE PROFESSOR TS DR MUHD RIDZUAN BIN MANSOR	INVESTIGATION ON EFFECTIVE STIFFNESS OF FUSED DEPOSITION MODELLING INFILL LATTICE PATTERN MADE FROM POLYLACTIC ACID-SUGAR PALM FIBER COMPOSITES
61	Dr. Ainun Zuriyati Mohamed @ Asa'ari	Honeycomb Paper for Cushioning Packaging Material: A Mini Review
62	Ts. Dr. Ahmad Ilyas Rusdan	Innovative Solutions for Sustainable Food Packaging Nanocomposite: Harnessing the Potential of Nanocellulose
63	Dr Salma Shahid	Impact of the carbon and nitrogen concentrations on the production of Polyhydroxyalkonates (PHA) using Priestia megaterium and its statistical analysis
64	Prof. Ir. Ts. Dr. Abd. Rahim Abu Talib	Investigation of Thermal Behaviour of Aerogel-Infused Paint for Building Insulation
65	Nur Sabrina Binti Mohd Anuar	A Review of The Thermal Insulation Board From Natural Fiber Hybrid Composites
66	Dr. Rizwan Farade	Improving the Dielectric and Thermal Properties of Natural Ester Oil with Nanoparticle Infusion for Electrical and Heat Transfer Applications
69	Farhana Afroz , Prof. Dr. Shamsuddin Ahmed , Dr. Md. Abdul Gafur	Effect of gradual thermoforming pressure on thermal properties of a hybrid composite made of bio-wastes
70	Muhammad Lutfi bin Mohamed Halim	Fabrication of Chitosan Collagen Glycerine Scaffold for Oral Wound Treatment
71	Rahimi Bin Mohd Shariff	A Comprehensive Study on the Mechanical Properties of High-Density Polyethylene (HDPE) Plasticized With Hydroxylated Palm Stearin (HPS)
72	Dr. Melbi Mahardika, S.T.	A Promising of Bacterial Cellulose Biomaterial for Advanced Wound Dressings: From Synthesis and Modification to Scale-up Industry

73	Ts. Dr. Nur Azrini Binti Ramlee	Effect of palm stearin on the crystallization and physicochemical properties of poly (lactic acid) (PLA)
74	ABDUL REHMAN	Impact of Surface Treated Halloysite Nanotubes on the Self-healing Efficiency of Natural Rubber Composites
75	Ajagbe, Charles Adesola	Assessment of Carbonized Cassava Peel and Sawdust blend briquettes as solid biofuel.

