

No	Room/Session	Paper ID	Presenter	Paper Title	University/Affiliation
1	BR D1-1	T1-O-A08	Nurlisa Binti Hamzan	Thermal Behaviour of Hybrid SiO ₂ : TiO ₂ Nanolubricants in Biodegradable Oil Under Steady-State Conditions at the Tool-Workpiece Interface	Universiti Teknologi MARA Shah Alam
2	BR D1-1	T1-O-A132	Dr. Muhd Faiz Mat @ Muhammad	Wire-Arc Additive Manufacturing (WAAM) Mechanical Properties	Universiti Teknologi MARA Shah Alam
3	BR D1-2	T1-V-A42	Ir. Ts. Dr. Kausalyah Venkatasen	Multiparametric Aerodynamic Analysis on Sedan Vehicle Rear End Design Using LHS Sampling	Universiti Teknologi MARA Shah Alam
4	BR D2-1	T6-O-A144	Chua Kai Feng	A Review of Machine Learning Applications in Journal Bearing Optimization	Universiti Teknologi Malaysia
5	BR D2-2	T6-V-A141	Puteri Nur Balqis Binti Ahmad Surri	Experimental Assessment of Bird Dropping and Dust Soiling Effects on Electrical Performance and Acceptance Ratio of a Floating Photovoltaic System in Perlis, Malaysia	Universiti Malaysia Perlis
6	P D1-1	T1-O-A102	Dr. Nurul Hayati Binti Abdul Halim	Comparative Analysis of Hot and Cold Runner Systems in Injection Molding for Minimizing Surface Defects in Polycarbonate QR Code Housings	Universiti Teknologi MARA Shah Alam
7	P D2-1	T3-O-A26	Ir. Ts. Dr. Abdul Hakim Abdullah	Durability of Jute/Epoxy Composites Under Acetic Acid Immersion	Universiti Teknologi MARA Shah Alam
8	R2 D1-2	T3-V-A39	Jeffry Jamil	Utilising Low-Frequency Phased Array Ultrasonic Testing Techniques for Defects Characterisation in Glass Fiber Reinforced Polymer	Universiti Tun Hussein Onn Malaysia
9	R2 D1-3	T3-O-A108	Dr. Yusuf Olanrewaju Busari	Durian Husk-Derived Activated Carbon Hybridized with ZnO and MnO ₂ for High-Performance Supercapacitor Electrodes	Universiti Teknologi MARA
10	R2 D1-3	T5-O-A41	Assoc. Prof. Dr. Aman Mohd Ihsan Mamat	Computational Performance of Non-Radial Fibre Turbine at Steady State Condition	Universiti Teknologi MARA
11	R2 D2-1	T3-O-A87	Ahmad Amir Akmal Bin Othman	Repurposing End-of-Life Al-Quran Paper Ash as a Partial Replacement for Silica Sand in Green Sand Aluminum Casting	Universiti Teknologi MARA
12	R2 D2-1	T3-O-A92	Teguh Budiyanto	Effect of Solution Treatment Temperature on Microstructures and Mechanical Properties of Al-4.7Zn-1.7Mg (wt. %) Alloy Produced by Squeeze Casting	Universitas Indonesia
13	R3 D1-2	T8-O-A23	Muhammad Naufal Bin Nazeri	Development of a Hybrid Basalt/Kenaf/Epoxy Locking Compression Plate: Experimental Characterisation and Design Optimisation via Finite Element Analysis	Universiti Teknologi MARA
14	R3 D1-3	T3-O-A13	Azib Roslan	Insights into the Role of Graphene Oxide Precursor Concentration in Reduced Graphene Oxide Formation for Enhanced Optical Properties in Fibre Optic Sensors	Universiti Teknologi MARA Shah Alam
15	R3 D2-1	T2-O-A78	Assoc. Prof. Ts. Dr. Rizal Effendy Mohd Nasir	Flight Performance and Stability of a Bird-Inspired Blended Wing-Body Planform in Laminar Incompressible Flow	Universiti Teknologi MARA Shah Alam
16	R3 D2-2	T4-O-A45	Abdulrahman Mubarak Salem Sawahli	Experimental and Numerical Modal Analysis of Fiber Cement Board with Elastic Supports	Universiti Teknologi MARA Shah Alam
17	R4 D1-2	T7-O-A37	Muhammad Haziq Bin Noor Akashah	Wide-Angle Camera Calibration for Net Quality Inspection Using K-Nearest Neighbors	Toyohashi University of Technology
18	R4 D1-2	T7-V-A75	Catur Rakhmad Handoko	Batteryless PV-Diesel Hybrid System with VSG-Enabled Fuel Saver Inverter for Remote Island Waste Management: Performance Simulation and Analysis	Shipbuilding Institute of Polytechnic Surabaya (PPNS)
19	R4 D1-3	T6-V-A47	Jivinesh A/L Muruges	Design of Hybrid Active Cooling System for 2.10 kWp Floating Solar Photovoltaic System	Universiti Malaysia Perlis
20	R4 D1-3	T6-O-A126	Farah Ain Binti Johar	Comparative Indoor Thermal Comfort Analysis of Roof Insulation and Air Velocity Enhancement in a Tropical Climate School Classroom	Universiti Teknologi MARA
21	R4 D2-1	T9-O-A103	Ts. Dr. Helmi Bin Rashid	Enhancing Motorcycle Control Understanding Through Early Counter-Steering Education Using a Riding Simulator	Universiti Teknologi MARA Shah Alam
22	R4 D2-2	T1-V-A69	Jannis Louis Frederik Neth	An Electrothermally Actuated 4D-Printed Multi-Joint Gripper Using Polylactic Acid (PLA) and Conductive PLA Bilayer Structures	Universiti Tun Hussein Onn Malaysia