

KLSF 2025 Poster Presentation

Venue: Grand Summit Ballroom

2nd September 2025 (Day 1 - Afternoon)				
Session 1: 1300 - 1500				
Conference Name	Poster No.	Presentation Title	Presenter	Evaluator
GCET	GP-9	Large Language Models-Guided Multimodal Dti Prediction Model with Dynamic Rule Adaptation	Mohd Nizam Husen	<i>Assoc. Prof. Ts Dr Ruzainah Ali</i>
	GP-191	Engineering Green Solutions for Household E-Waste: Policy, Infrastructure, And Circular Innovation.	Zaipul Anwar Zainu	
	GP-195	Remediation of Cooking Oil-Contaminated-Sand Using Ultrasonic Approach	Noor Aireen Qhairynna	
	GP-433	Biogas Yield and Composition from Food Waste Anaerobic Digestion: A Study on Energy Recovery and Environmental Emissions at Unikl Micet	Nureen Nasuha Harun	
	GP-565	Development Of Living Biofilters Using Bio-Hydrogel for Co-Immobilization of Microalgae and Bacteria to Recover Nutrients from Secondary Industrial Effluent.	Chalampol Janpum	
IRCIE	IP-18	A Dynamic Representation Framework for Uncertain Knowledge Graph	Dr. Xinyuan Chen	<i>Ir. Ts. Dr. Tajul Adli Abdul Razak</i>
	IP-130	Exploring The Impact of QMS Implementation on Operation Excellent and Business Performance in Manufacturing Companies.	Assoc. Prof. Ts. Dr. Sallaudin Hassan	
	IP-252	Critical Drivers to Sustainable Supply Chain Management Adoption in the Malaysian Manufacturing Sector	Mr. Syed Muhammad Shamin Syed Roslee	
	IP-270	Assessing The Influence of Lean Manufacturing On Organizational Culture and Supply Chain Integration In Johor's Metalworking Industry	Mr. Amirul Haqim Khalid	

ICPHS	PP-602	Development of a Traditional Herbal Hair Growth Formula Based on East Nusa Tenggara Ethnomedicine: Optimization and Preliminary In Vivo Evaluation	Associate Professor Dr. Burhan Ma'arif	<i>Chm. Dr. Sree Vaneesa A/P Nagalingam</i>
	PP-850	Revisiting The Neuroprotective Profile of Low-Dose Curcumin: Morphological Evidence of Cytotoxic Synergy with Arsenic	Miss Noor Syazwani Najwa Zain	
	PP-164	Investigating The Medicinal and Therapeutic Properties of <i>Oroxylum Indicum</i> on Diabetes: A Systematic Review	Dr. Ahmad Najib Bin Hasan	
	PP-411	Antimicrobial Activity of Commercially Available Honey Against Respiratory Infections Pathogens.	Dr. Nor Isnida Ismail	
	PP-7	A Confidence-Aware Ensemble Dti Prediction Model With Efficient Adapters	Dr. Xinyuan Chen	
ICMAT	MP-166	Comparative Study of Underwater Noise Profiles at Varying Depths	Assoc. Prof. Dr. Ts. Md Redzuan Zoolfakar	<i>Assoc. Prof. Ts. Dr. Wardiah Mohd Dahalan</i>
	MP-608	Smart Textile at Sea: Performance Evaluation of 2.45 Ghz Wearable Antenna Arrays for Maritime lot	Gulsaya Nurzhaubayeva	
UNITAS	TP-227	The Relationship Between Engineering Mathematics Proficiency and Academic Performance of TVET Trainees in Aviation Programs	Munirah Mohd Fadzil, Shafinaz Elinda Sa'adon, Md Hafis Khairuddin, Wahyunah Ghani, Munawirah Mohamad and Izamarlina Asshaari	<i>Assoc. Prof. Dr Mohamad Faizuddin Md Noor</i>
ICE2T	EP-315	Password Strength Scoring Based on Machine Learning Comparison	Noor Hazlina Abdul Mutalib	<i>Dr. Delina Beh Mei Yin</i>
	EP-391	Anomaly Detection and Traffic Management in Software-Defined Networking	Shahidatul Arfah Baharudin	
	EP-828	Developing a Secure Digital Assessment Framework with Integrated Micro-Credentials in Malaysian Tvet: Early Insights from Green Practices in Skill-Based Programmes.	Nur Hazwani Dzulkefly	
	EP-572	Anomaly Detection in Network Traffic Using Machine Learning in Soc	Saule Amanzholova	

	EP-353	A Predictive Model for Cybersecurity Vulnerabilities and Threat Behaviours in Enterprise Systems	Shafiza Mohd Shariff	
ICASET	FP-17	Rfti: A Representation Framework for Temporal Knowledge Graph with Adjustable Granularity	Xinyuan Chen	<i>Mdm Fazidah Saad</i>
	FP-53	Performance Analysis of Vertically Mounted Bifacial Solar Panels with Variable Packing Factors and Different Facing Panels Orientation	Khairul Hamzani Hamid	
	FP-96	Enhancing Pipeline Integrity by Risk Assessment Using Machine Learning Approach	Nagur Aziz Kamal Bashah	
ICAT	AP-59	Hand-Arm Vibration Exposure Among Aircraft Riveters	Nurhayati Mohd Nur	<i>Dr Najihah Mohd Tamyis</i>
	AP-61	Optimizing Aircraft Maintenance Through the Use Of Augmented Reality for Aircraft Maintenance Manuals	Mohammad Iqmal Mohd Ali	
	AP-104	A Critical Review on the Water Absorption Behavior Of Flax-Based Natural Fiber Composites for Electric Aircraft Battery Enclosures	Khairul Dahri Mohd Aris	
	AP-361	Revolutionizing Part 147 Training: The Role of Digital Tools and Emerging Technologies in Aircraft Maintenance	Muhamed Roihan Yusoff	
ICMEE	BP-613	Balancing Borders and Business: The Impact of Security and Development Initiatives on SME Resilience in Malaysia-Thailand Border	Dr Hafizah Abd Rahman et al.	<i>Dr Mohd Hanafia</i>
	BP-680	Entrepreneurship And Financial Inclusion in Nigeria: The Role of Local Innovation and Community Investment	Mr Jonathan Agu Chukwu	
	BP-841	Sustaining Takaful Agents Via Motivation and Mental Resilience: A Paper Review of Human Capital in Islamic Insurance	Dr Faizan Isa et al	<i>Dr Norkhairi Ahmad</i>
IDRMT	DP-580	Modular Innovation for Sustainable Mobility: Redefining Outdoor Photographer Bags	Dewi Pitaloka Sari	<i>Dr Ong Yung Chieh</i>
	DP-582	Reimagining Tradition for a Sustainable Future: Wayang Golek in Modular Toy Design	Vania Isabella Maharani	
	DP-604	The Traditional Game of Othok-Othok Ship as a Simple Teaching Media from a Perceptual Psychology Perspective	Hanif Azhar	

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2nd September 2025 (Day 1 - Afternoon)				
Session 2: 1530 – 1730				
Conference Name	Poster No.	Presentation Title	Presenter	Evaluator
IRCIE	IP-413	RFID-Based Asset Management System for Healthcare Facilities	Ts. Diyana Ab Kadir	<i>Ir. Ts. Dr. Tajul Adli Abdul Razak</i>
	IP-417	Lean-Satna Tool for Assessing Lean Training Needs in Malaysian Healthcare Settings	Nur Nadia Renu Binti Abdullah / Assoc. Prof. Ir. Ts. Dr. Mohd Amran Mohd Daril	
	IP-420	The Impact of Relationship Between Quality Management System Leadership and Top Management Commitment Determinants	Mohamad Basari Sapar / Assoc. Prof. Ir. Ts. Dr. Mohamad Ikbar Abdul Wahab	<i>Dr. Mohd Fauzi Abu Hassan</i>
	IP-459	Students' Concerns Towards Issues and The Emergence Of Artificial Intelligence (Ai) Technology	Ms. Najiyah Saleh	
	IP-462	Systematic Literature Review on Privacy and Ethical Considerations in The Metaverse	Ms. Nang Nurhasya Nik Mohd Fadzil	
	IP-545	Hybrid Pv-Csp Microgrid Optimization in Arid Regions: A Case Study from Libya Using Metaheuristic Algorithms	Dr. Ahmed Al Smin	
	IP-547	The Influence of Organizational Safety Climate on Turnover Intention In the Libyan Power Sector	Mr. Abdulwahab Elmarghani	
	IP-756	The Nexus Between Green Procurement Practices and Sustainable Manufacturing Performance; Moderating Effect Of Procurement Ethics	Dr. Erna Masfiza Mohamed Ramli	

ICPHS	PP-810	Are We Turning Awareness into Action? Uncovering Knowledge, Practice, And Barriers to Exercise in Future Healthcare Professionals	Dr. Waseem Ahmad	
	PP-660	The Impact of Nighttime Sports on The Sleep Quality and Stress Level Among UniKL RCMP Students	Associate Professor Dr. Rehanna Mansor	
	PP-909	Prevalence, Knowledge of Polycystic Ovary Syndrome and Health Practices Among Women in Perak, Malaysia: A Cross-Sectional Study	Associate Professor Dr. Wan Hafizah W. Jusof	
	PP-661	The Online Distance Learning (ODL) Paradox: High Mental Health Burden but Unaffected Satisfaction and Academic Performance Among Nursing Students	Miss Masmeeza Zainol Abidin	<i>Mdm Nur Hidayah</i>
	PP-88	Balancing Health and Sustainability: Public Awareness and Preferences for Organic Vs. Commercial Produce in Semenyih, Selangor (SDG 3 & SDG 12)	Dr. Nurulshyha Md Yatim	
	PP-222	Unlocking Antifungal Potential: The Role of Total Phenolic and Flavonoid in Propolis	Associate Professor Dr. Seow Lay Jing	<i>Dr Muhammad Asyaari Bin Zakaria</i>
	PP-757	Generation Of Stable Gfp-Expressing Human Induced Pluripotent Stem Cell (Ipsc) Lines Via Lentiviral Transduction	Miss Nurul Amalina Abd Aziz	
	PP-645	Human Neuron Model In Vitro: Efficient Differentiation of Human Induced Pluripotent Stem Cells into Neurons With Morphological and Immunofluorescence Characterization	Mr. Abdul Haiyie Hakimi Abd Said	
	PP-371	Toxicity Effect of Herbal Medicines on Zebrafish Embryo (Danio Rerio)	Dr. Mahjanah Hussein	
	PP-218	Phytochemical Characterization and Antibacterial Activity of <i>Centella Asiatica</i> Creams Against Gram Positive and Gram-Negative Bacteria	Mrs. Siti Khadijah Padzil	
	PP-301	Black Garlic and Cardiovascular Disease Risk: A Review of Its Potential Preventive Effects	Mrs. Zainie Aboo Bakkar	
	PP-407	The Role of Oncology Massage in Alleviating Cancer-Related Symptoms: A Comprehensive Review	Mrs. Nurhanisah Sejari	
	PP-323	Exploring The Presence of Waterborne Parasites in River and Drain Waters: A Case Study of Selangor	Dr. Mehru Nisha	

ICE2T	EP-824	A New Green TVET Model of Micro-Credential Programmes in Malaysian TVET Education	Noor Farahiyah Mohd Shobri	<i>Dr. Wan Mohd Fazrul Adlan B. Wan Mohammad</i>
	EP-731	3d-Driven Augmented Reality for Renewable Energy System Visualization	Shafidah Shafian	
	EP-406	Modelling The Thermal Ageing Behaviour of Onan Transformers with Non-Thermally and Thermally Upgraded Paper Insulation Under Moisture Influence	Najiyah Saleh	
	EP-430	Continuous Power Solution for Rural Residences	Shamsul Zahari Shahidin	
	EP-438	Development Of Electricity Generation Based on Plant-Microbial Fuel Cells for Low Power Appliances	Muhammad Ikmal Mokhtar	
	EP-622	Development Of an Iot-Based Medical Safe Box	Mohd Zaki Ayob	
EP-634	Application Of Deep Learning Algorithms to Increase the Accuracy of Control of Optical Parameters of Fiber-Optic Sensors	Raushan Aimagambetova		
ICASET	FP-135	Advances In Ceramic Membrane Technology: A Review on Doping Strategies for Enhanced Hydrogen Production	Maisarah Mohamed Bazin	<i>Mdm Fazidah Saad</i>
	FP-175	Dagnet-27: A Deep Learning Approach for Automated Detection of Coronary Calcification In Ivus Imaging	Hannah Sofian	
	FP-223	Palm Ester-Based Lubrication: Exploring the Synergy of Graphite and CaCO ₃ For Enhanced Friction Control	Izatul Hamimi Abdul Razak	
ICAT	AP-434	Towards A Technology-Driven Safety Management System: Systematic Review and Future Research Direction	Sasikumar A/L Kirubakaran	<i>Dr Ili Farhana Mohamad Ali Nasri</i>
	AP-508	Optimizing Electric Aircraft Performance Through Enhanced Energy Storage and Predictive Maintenance	Shahani Aman Shah	
	AP-799	A Theoretical Framework on the Technological Evolution of Airport Baggage Handling Systems: From Traditional Automation To Ai-Enabled Robotics Integration	Rita Zaharah Wan Chik	
	AP-806	How Artificial Intelligence Is Transforming Airline Punctuality and Operational Excellence	Muhammad Fadhli Norhamdzi	

KLSF 2025 Poster Presentation

Venue: Grand Summit Ballroom

3rd September 2025 (Day 2 - Morning)

Session 3: 1000 - 1300

Conference Name	Poster No.	Presentation Title	Presenter	Evaluator
GCET	GP-566	Optimization Of Novel Pyramid-Shaped Microalgal Photobioreactor for Capturing Indoor Carbon Dioxide	Tanakitkomkhum	<i>Prof Mohd Azizan Mohd Noor</i>
	GP-653	Assessment Of Factors Contributing to Heat Stress Among Workers Performing Catalyst Handling in Reactors at a Malaysian Chemical Refining Plant Under Tropical Climate Conditions.	Muhammad Zaeem Mokhtar	
	GP-785	Green Strategy: Unlocking The Enzymatic Release of High-Value Proteins and Amino Acids from <i>Moringa Oleifera</i>	Nur Diyana Alyas	
	GP-844	Ecoplast: A Sustainable and Antimicrobial Film for Food Packaging Application	Ain Nadirah Romainor	
	GP-920	Optimisation Of Angiotensin I-Converting Enzyme (Ace)-Inhibitory Peptides Production from Red Tilapia (<i>Oreochromis Sp.</i>) By-Product Using Thermoase Pc10f	Imani Sufiah Zolnizam	
UNITAS	TP-251	A Phenomenological Investigation of Motivational Factors Influencing Mathematics Learning and Engagement Among Engineering Technology Students	Tuan Salwani Awang Salleh	<i>Dr Siti Haryani Sheikh Ali</i>
	TP-389	Empowering Digital Learning and Ethical Challenges: A Study on the Use of Artificial Intelligence (AI) Among Unkl Miit Students	Siti Shariyah, Yuniza Abdul Latif and Wardatul Aishah Musa	<i>Assoc. Prof. Ts. Dr. Kamaruzzaman Ismail</i>
	TP-401	Kajian Pelaksanaan Program Profesional Huffaz di UniKL Miat: Isu, Cabaran Dan Harapan	Ab Bassit Husain, Tengku Saipulizan Tengku Hussain, Wan Termizi Wan Mohamad and Siti Arpah Jaafar	<i>Dr Ajar Ahmad</i>

	TP-742	The Effect of Growth Mindset on Psychological Well-Being: Self-Compassion as a Mediator Among Senior High School Students in Mijen District, Semarang City Indonesia	Alvia Ainil Lathifah and Rossi Galih Kesuma	<i>Assoc. Prof. Dr. Mohamad Asmidzam Ahamat</i>
ICE2T	EP-12	Improving Tree Species Identification Accuracy in Malaysia Tropical Forests Through Custom Dataset Development and Deep Learning Techniques.	Robiah Hamzah	<i>Ts. Dr Irma Syarlina Che Illias</i>
	EP-140	Systematic Literature Review: Ai Tools In the Indie Filmmaking	Azir Rezha Norizan	
	EP-346	From Adoption to Integration: Examining Tvet Students' Acceptance of Generative Ai Tools in Malaysian Higher Education	Nur Dayana Ahmad Daud	
	EP-392	Lorawan-Based Soil Monitoring System with Machine Learning Data Prediction.	Ruwaida Ramly	
	EP-469	Modelling Entrepreneurial Intentions Among TVET Students in Malaysia: A Systematic Review and Meta-Analysis.	Norhaidah Abu Haris	
	EP-516	An Adaptive and Standardized Generic Control Knowledge Source for Optimizing Blackboard Architecture In Complex Problems.	Hana Munira Muhd	
	EP-452	Detection And Tracking of People in A Dense Crowd Through Deep Learning Approach and Multiple Head Tracking	Muhammad Firdaus Mohamed Badauraudine	
ICASET	FP-224	The Prediction of Fatigue Failure of Uic60 Specimens of Light Rail Transit Using Strain-Based Approach	Mahfodzah Md Padzi	<i>Dr. Ahmad Kamal Ismail</i>
	FP-464	Thermodynamic Performance and Transition Strategies for Low-Gwp Refrigerants in Water-Cooled Chillers	Wenbin Ng	
	FP-467	Developing Climate-Resilient Hybrid Solar-Wind Solutions For Sustainable Energy Access in Diverse Malaysian Communities	Mastura Samsudin	
	FP-475	Evaluation Of Mechanical Properties of Sugarcane Bagasse-Rice Husk Particleboard with Addition of Corn Starch as Natural Binder	Saleha Atan	

ICAT	AP-168	Evaluation of Sustainable Natural Fiber Insulation For Aviation Applications	Sharifah Fathin Adlina Syed Abdullah	<i>Assoc. Prof Ts Dr Khairul Dahri Mohd Aris</i>
	AP-397	Comparative Study on Morphological and Electrical Characterization of Cotton and Kenaf Fabrics Treated With Silver Nanoparticles for Smart Textile Applications	Munawirah Mohamad	
	AP-656	Flammability Of Epoxy Resin with The Addition of Fly Ash Materials And Aluminium Trihydrate	Wan Nursheila Wan Jusoh	
	AP-679	Impact Of Carbon Nanotube (Cnt) Surface Diffusion on the Mechanical Properties of Low Carbon Steel Used for Components in Aircraft Monitored by Metal Magnetic Memory	Abdullah Helmi Isahak	
IDMRT	DP-614	Thermo-Mechanical Properties of Multifillers Nano-Graphene/Silica Modified Epoxy Polymers	Ummu Raihanah Hashim	<i>Mr Ahmad Shahril Daut</i>
	DP-635	Maga Concept Art as a Tourism Mascot West Bandung Regency	Hanif Azhar	
	DP-676	Evaluating The User Interface and User Experience of Telkom University's Public Facility Borrowing Website Using the System Usability Scale	Mohammad Isa Pramana Koesoemadinata	
	DP-687	Masjid Agung Cianjur Building 2d Design Asset with the Application Of Isometric Projection Techniques	Irfan Azhari	
	DP-807	Sustainable Design Practices in Indonesian Local Wood Industries: A Comprehensive Value Chain Analysis	Rangga Firmansyah	

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3rd September 2025 (Day 2 - Afternoon)

Session 4: 1400 - 1630

Conference Name	Poster No.	Presentation Title	Presenter	Evaluator
ICPHS	PP-291	Unveiling The Gut Microbiome and Health Connection: Insights from Metagenomic Studies In Malaysia	Associate Professor Dr. Izuddin Fahmy Abu	<i>Associate Prof Dr Nour Hanah</i>
	PP-147	Influence Of Medical Comorbidities And Smoking On Occupational Noise-Related Hearing Disorder	Ts. Nur Faiza Abdul Razak	
	PP-549	Abuse And Misuse Of Nonprescription And Prescription Drugs Sold In Community Pharmacy From Community Pharmacist's Perspectives	Dr. Azlina Ahmad	
	PP-526	Stability Comparison Between Paracetamol Tablets From Hospitals And Retail Pharmacies In Malaysia.	Miss Yasmin Tajuddin	
	PP-388	Relationship Between Work-Related Musculoskeletal Disorders And Work-Related Risk Factors Among Hotel Workers In Klang Valley	Dr. Nur Azma Amin	
	PP-396	Ergonomic Risk Assessment Among Administrative Staff At The Headquarters Of Kumpulan Megaklinik Zahran, Malaysia	Dr. Noor Arniwati Mat Daud	
	PP-662	Knowledge, Attitude And Practice Towards Blood Donation Among Undergraduate Automotive Engineering Technology Students In Unkl Mfi Campus	Wong Sook Wei	
	PP-73	Reviewing <i>Centella Asiatica</i> and Its Use in Antibacterial Creams and Gels	Mr. Auf Ali	<i>Dr Khairul Nizam</i>
	PP-425	The Effect Of Aloe Vera On Blood Glucose Level And Tissues Histology of Sucrose-Induce Metabolic Syndrome Rat Models	Mrs. Nur Shukriyah Mohamad Hazir	
	PP-550	Formulation Of a Topical Cream Using Virgin Coconut Oil Extracted From Pandan Coconut	Mr. Afiq Azil	

	PP-797	Determination Of Antioxidant Activity of Agarwood @ Gaharu (<i>Aquilaria Malaccensis</i>) Leaves Extract	Dr. Muhammad Zaki Ramli	
	PP-410	Designing A Multi-Epitope Vaccine Candidate Against Respiratory Syncytial Virus Via Immunoinformatics Approaches	Dr. Azimah Abdul Wahab	
	PP-328	Method Validation for Determination Two Different Brands of Paracetamol in Tablet Dosage Form Using Uv-Visible Spectrometer	Miss Puvanadevi Selvarajoo	
	PP-167	Comparison Of Static And Dynamic Balance Between Female Netball And Volleyball Athletes At Unkl Rcmp	Dr. Vijayamurugan Eswaramoorthi	<i>ChM Dr Sharon Fatinathan</i>
	PP-487	Mental Health Status And Coping Mechanisms Among Lorry Drivers: A Systematic Review	Ts. Arvind Bala Krishnan	
	PP-456	Occupational Heat Stress In A Malaysian Pipe Manufacturing Factory: Impacts On Hydration, Performance, Well-Being, And Adaptive Responses	Ts. Arvind Bala Krishnan	
	PP-490	Exploring The Effects Music Frequency On Heart Rate Variability	Mr. Muhammad Taufiq Badaruddin	
	PP-479	Association Between Serum Vitamin D Levels And Insomnia-Like Symptoms Among Malaysian Women: A Feasibility Study	Associate Professor Dr. Zaswiza Mohamad Noor	
	PP-591	Review On Radiation Exposure in Malaysia Communities: Sources, Risks, and Mitigation Strategies	Mrs. Izza Nadia Mohd Maulana	
	PP-141	A Retrospective Study of Organophosphate Poisoning in Malaysia. Cases Reported to Malaysia National Poison Centre (Npc) From Year 2016 – 2023.	Mr. Halilol Rahman Mohamed Khan	
ICASET	FP-535	Performance of Coated and Uncoated Astm A192 Boiler Tubes Under Palm Oil Mill Conditions	Muhammad Hellmy Hussin	<i>Ts. Dr.Norhisham Seyajah</i>
	FP-573	Parameter Identification and Modeling of An Upper-Limb Rehabilitation Chaotic System Using a Nonlinear Arx Model	Muhamad Fahezal Ismail	
	FP-589	Cold Start Comparative Performance Analysis of Rotary Pump Direct Injection Engine and Common Rail Turbocharged Engine by Utilizing Palm Oil-Based Biodiesel	Haidee Che Rizmin	

	FP-627	Amorphous Transformation of Silica from Rice Husk Using Citric Acid Leaching	Kah Vui Chong	
	FP-698	Tunable Solar Façade	Jan-Frederik Flor	
	FP-791	An Experimental Evaluation Fatigue Life Of Unnotched Rail Specimen Under Random Vibration Fatigue Analysis	M N Tawfik	<i>Pn Nurul Nnadiyah Zakaria</i>
	FP-858	Sustainable Reinforcement Of Aluminium Metal Matrix Composite with Natural Ceramic Particles for Wear Applications	Abhishek Saxena	
	FP-930	Upcycled Sericin Paper Based Sensor: A Sustainable Platform For Fish Freshness Assessment	Wisarttra Phamonpon	
	FP-931	Eco-Friendly Dual-Mode Pesticide Sensor With Cellulose Nanofiber-Graphene Nanocomposites	Benjawan Somcho	