



The 11th International Graduate Conference on Engineering, Science and Humanities

PARALLEL SESSION SCHEDULE

DAY 1: WEDNESDAY, 26th AUGUST 2026

Venue: Online/Physical

MORNING PARALLEL SESSION				
Time: 11:00 AM – 1:15 PM (MYT)				
Parallel Room 1: Social Science and Humanities				
<i>Webex Link:</i>				
Time	Paper ID	Presenter	Title	Evaluator(s)
11:00 am – 11.15 am	9	SHUYING FAN	The Perceived Role of AI-Assisted Digital Communication in Encouraging Energy-Saving Intention among University Students	
11:15 am – 11.30 am	10	YESHULAVANI RAJESWARAN	Individual and Environmental Resilience in Ageing: A Conceptual Framework for Adaptive Ageing	
11:30 am – 11.45 am	18	JIN KIM TIANG	Recruitment as an Operational Component of Talent Acquisition: A Conceptual Review for HR Management Research	
11:45 am – 12:00 pm	19	CHENSUSU CHENSUSU	A Bibliometric Analysis Of Emotional Exhaustion Among Female Employees In China	
12:00 pm – 12:15 pm	21	YESHULAVANI RAJESWARAN	Middle Age as a Critical Determinant of Ageing Trajectories: The Midlife Determinants of Ageing Framework	
12:15 pm – 12:30 pm	22	JINGYING LI	ESG as a Knowledge Outcome: Unpacking the Role of Community of Practice in Knowledge Integration	
12:30 pm – 12:45 pm	25	XIAOYU WANG	Understanding Users' Continuance Intention toward Automotive Information Apps: An Integrated Expectation-Confirmation and Flow Perspective	



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12:45 pm – 1:00 pm	28	MUHAMMAD BIN AZHAR	Nature Play And Ecological Literacy As Pathways To Traditional Ecological Knowledge Transmission Among Bajau Ubian Children In Coastal Sabah, Malaysia	
1:00 pm – 1:15 pm	36	SHIYA GU	Disruption And Reinvention: How Artificial Intelligence Impacts Intergenerational Knowledge Transfer And Cultural Sustainability In Malaysian Tcm Families	
Parallel Room 2: Science and Technology				
Webex Link:				
Time	Paper ID	Presenter	Title	Evaluator(s)
11:00 am – 11.15 am	1	HASIMAH RAZAK	Cyber Insurance As A Risk Transfer Mechanism In Risk Management: A Scoping Review	
11:15 am – 11.30 am	15	AHMED ALI ALDHUHOORI	From Data To Decisions: Understanding Pmis In Uae Construction Projects	
11:30 am – 11.45 am	16	NOR HUSNINA NOR SHAMSI	Integrated Modeling And Simulation Study Of Carboxymethyl Cellulose As Biosorbent For Arsenic Removal In The Wastewater Treatment	
11:45 am – 12:00 pm	23	JAMAL AHMAD	Evaluation Of Canyons And Fan Complex For Sustainable Co ₂ Storage Target In The Poseidon Field, Western Australia	
12:00 pm – 12:15 pm	24	MUHAMMAD GARBA	Impact Of Ysz Buffer Layers On The Structural Evolution Of Sol-Gel Dip-Coated Ysz Thin Films For Sofc Electrolytes	
12:15 pm – 12:30 pm	27	BELLO ABDULQADIR	Comparative Analysis Of Finite Difference And Finite Element Methods For 1d Advection–Diffusion–Decay Air Pollution Transport (Igcesh2026)	
12:30 pm – 12:45 pm	31	ABDULHADI HASAN	Artificial Intelligence For Sustainable Telecommunications In Conflict-Affected Environments: A Design Science And Digital-Twin Validation Study From Yemen	



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12:45 pm – 1:00 pm	32	NURSUHAILI MOHD AMIN	Towards Sustainable Industrial Resilience: The Emerging Integration Of Occupational Health Services And Disaster Risk Management In Malaysian Industries	
1:00 pm – 1:15 pm	39	AYAD IZKAIR	A Model For Ai-Enhanced Technologies In Mobile Learning Within Malaysian Higher Education	
Parallel Room 3: Engineering Webex Link:				
Time	Paper ID	Presenter	Title	Evaluator(s)
11:00 am – 11.15 am	4	YAQOOB ALHINDASI	Structural Performance And Crack Evolution Of Reinforced Concrete Beams Incorporating Ferrochrome Slag Coarse Aggregates	
11:15 am – 11.30 am	6	AZLI YAHYA	Correlation Between Xrd-Derived Mineral Structure And Thermal Absorption Performance Of Andesite For Optimizing Thermoelectric Power Output	
11:30 am – 11.45 am	11	ROZLINDA OTHMAN	Towards Sustainable Industry 5.0-Oriented Work-Based Learning In Malaysian Engineering Education: Preliminary Insights From The Automotive Sector	
11:45 am – 12:00 pm	17	FARIHA REZA KHAN	Detection And Measurement Of Partial Discharges In Gas-Insulated Switchgears Using Ultra-High Frequency Method: A Review With Ai-Driven Diagnostic Perspectives	
12:00 pm – 12:15 pm	20	ALSHAHARNI SAEED	Explainable Ai Using Interpretable Machine Learning For Ethical Clinical Decision Support In The Saudi Healthcare System	
12:15 pm – 12:30 pm	34	AGONGA FRED	Early Thermo-Acoustic Instability Classification In Hydrogen Combustors Using Time-Frequency Cfd Features And Bayesian-Regularized Neural Networks	
12:30 pm – 12:45 pm	35	FARIS ALJOHANI	Air Plasma-Sprayed Ytterbium Disilicate Environmental Barrier Coatings: Influence Of Input	



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			Power On Phase Composition, Microstructure, And Mechanical Properties	
12:45 pm – 1:00 pm	52	MUHAMAD JUSOH	Numerical Analysis On Reduction Of Drum Brake Squeal Noise And Vibration Using Constrained Layer Damping (Cld)	
1:00 pm – 1:15 pm	53	MUHAMAD JUSOH	Metallurgical Behavior Of Gas Tungsten Arc Welded Aisi 304 Stainless Steel For Cryogenic Storage Tanks	

AFTERNOON PARALLEL SESSION

Time: 2:30 PM – 6:00 PM (MYT)

Parallel Room 1: Social Science and Humanities

Webex Link:

Time	Paper ID	Presenter	Title	Evaluator(s)
2:30 pm – 2:45 pm	37	SAHIDIN NITIPHAK	Drawing Heritage Alive: The Visual Representation Of Intangible Cultural Heritage In Southern Thai Manga Panels	
2:45 pm – 3:00 pm	43	NIDA FAYYAZ	Study Protocol: Psychosocial Factors, Psychological Resilience, Self-Efficacy and Positive Mental Health OF Undergraduate Expatriate Students in the UAE	
3:00 pm – 3:15 pm	45	DARREN PETER	The Service Quality Technology Nexus: Evidence from Malaysian 3PL Providers Using PLS-SEM and Python-Based Machine Learning	
3:15 pm – 3:30 pm	47	YONGGANG WENG	Where Do They Go After Coming Home? Mapping Two Decades of Returnee Entrepreneurship Research (2001–2025) — A PRISMA-ScR Scoping Review	
3:30 pm – 3:45 pm	54	TUNG FONG YONG	Towards A Localised Esg Practice Score (Leps): A Conceptual Framework For Sector-Specific Esg Measurement In The Malaysia Public Listed Plantation Sector	
3:45 pm – 4:00 pm	57	ROOBAN ARUMUGAM	Bee Smart Ai: A Mobile Ai-Supported Application For English Literacy In A Rural Tamil Primary School	



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4:00 pm – 4:15 pm	59	NITRA OMAR	Augmented Protection Motivation Theory and Behavioural Biometrics Adoption: Empirical Validation Among Malaysian Digital Banking Users	
4:15 pm – 4:30 pm	60	JIIN KIM TIANG	A Methodological Support Paper For Using Semi-Structured Interviews As A Pre-Post Assessment Tool In Canonical Action Research-Based Recruitment Intervention	
4:30 pm – 4:45 pm	61	ZALIHA IDRIS	Microassaults And National Identity Development: The Mediating Role Of Race-Related Social Media Discourse Among Malaysian Youth	
4:45 pm – 5:00 pm	65	NURUL MAZIAH MOHD BARKHAYA	Developing And Validating Holoread: A Pyramid Hologram-Based Learning Tool For Preschool English Literacy	
5:00 pm – 5:15 pm	66	NIDA FAYYAZ	Third Culture Kids: A Comparative Analysis Of Expatriate Vs. International Student’s Belonging And Socio-Cultural Adaptation In The United Arab Emirates	
5:15 pm – 5:30 pm	69	SUHANA BAHARUDDIN	Harnessing Educational Data Mining (Edm) To Enhance Self-Regulated Learning (Srl) In Online Learning Environments	
Parallel Room 2: Science and Technology				
Webex Link:				
Time	Paper ID	Presenter	Title	Evaluator(s)
2:30 pm – 2:45 pm	40	ROHAH MAJID	Extraction And Characterization Of Durian Rind Fibers Via A Two-Stage Pressurized Alkaline Treatment Process	
2:45 pm – 3:00 pm	41	DENA MAHMOOD	Artificial Neural Network -Based Rate Penetration Rate (Rop) Prediction : A Comprehensive Review Between 2021-2025	



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3:00 pm – 3:15 pm	42	TRI DOAN	An Integrated Code-Assisted Mcts Framework For Resource-Efficient Slm Mathematical Reasoning	
3:15 pm – 3:30 pm	44	DARREN PETER	Smart Logistics Capability in The Industry 5.0 Era: Driving Sustainable Last-Mile Delivery Performance Through Logistics Visibility	
3:30 pm – 3:45 pm	46	YONGGANG WENG	Neuroconscious Transformer (Nct): An Open-Source Framework For Computational Consciousness Implementation, Validation, And Applications	
3:45 pm – 4:00 pm	50	MA. TERESA VILLACORTA	Planning For Reliability: A Qualitative Assessment Of Adaptive Water Infrastructure Management Strategies For Sustaining Metropolitan Manila's Water Supply System	
4:00 pm – 4:15 pm	55	WEIQIN PAN	Spatial Characteristics Of Hui-Style Architecture And Their Implications For Sustainable Built Environment	
4:15 pm – 4:30 pm	67	ATEEQUR RAHAMAN MOHAMMED	A Comparative Evaluation Of Classical And Quantum Machine Learning Models For Intrusion Detection Using The Od-Ids2022 Dataset	
4:30 pm – 4:45 pm	76	ISMAIL MUSTAPHA	On The Impact Of Class Imbalance On The Learning Dynamics Of Deep Neural Networks: An Intuitive Insight	
4:45 pm – 5:00 pm	77	NURINA NOOR AZMAN	Smart Heritage Technologies Use In Melaka World Heritage City: A Dual-Pathway Analysis Of Users And Non-Users	
5:00 pm – 5:15 pm	78	VINEETA RAJAKUMAR	Daily Rainfall Is Not A Significant Predictor Of Daily Leachate In A Mature Tropical Landfill : Evidence That Internal Waste Moisture Governs Leachate Generation	
5:15 pm – 5:30 pm	82	HUMERA MUSTAFA	A Human-Centric Reinforcement Learning Framework For Real-Time Learner State Assessment Using Multimodal Data	



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Parallel Room 3: Engineering				
<i>Webex Link:</i>				
Time	Paper ID	Presenter	Title	Evaluator (s)
2:30 pm – 2:45 pm	58	IVY WERN QIAN LIM	Targeting The G6pd Dimer Interface: Molecular Docking And Dynamics Simulation Reveal 2-Pn As A Potential Stabilizer Of The Shinagawa Variant	
2:45 pm – 3:00 pm	72	MUHAMAD SYUKRI ABDUL KHALID	Road Crashes Analysis Involving Commercial Vehicles In Malaysia Through Media Coverage	
3:00 pm – 3:15 pm	80	THAMIL SELVAN S KUMARESAN	Mechanical Characterization Of Elastomeric Materials For Test Plug Seal (Tps) Application	
3:15 pm – 3:30 pm	81	KAMIL HAFIZUDIN KAMAL AZAM	Effect Of Nanoparticle Ratio Composition Of Hybrid Mwcnt-Flg Poe Oil-Based Nanofluid On Thermophysical Properties Enhancement	
3:30 pm – 3:45 pm	85	FRANK OFOWENA	Peak Particle Velocity-Based Seismic Source Offset Optimisation For Infrastructure Protection In Congested Oil Fields	
3:45 pm – 4:00 pm	88	WAN MOHD AKMAL WAN SALLEH	Insulation Degradation And Joint Failures In Malaysian Underground Power Cables: Mechanisms, Data Evidence And Implications	
4:00 pm – 4:15 pm	100	MUHAMMAD AZHAN FIKRI RAMLI	Prediction Of Offshore Platform Operational Responses In Structural Health Monitoring Using Machine Learning Models	
4:15 pm – 4:30 pm	101	DHEKRE SALEH	Tsil: A Two-Stage Cluster-Aware Imbalance Learning Framework For Thyroid Disease Prediction Towards Sustainable Healthcare Diagnosis	
4:30 pm – 4:45 pm	106	YAQING ZHANG	Sustainable Performance In Manufacturing: A Structured Literature Review Of Dimensional Coverage And Measurement Indicators	
4:45 pm – 5:00 pm	108	NURLIYANA SHAHADAN	Design And Development Of Glycerol-Polyethyleneimine (Pei)-Based Adsorbents With Magnetite Nanoparticles, Fe ₃ O ₄ , Using	



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			Cross-Linking Methods For Anionic Dye Removal: A Review	
5:00 pm – 5:15 pm	116	YUMU YUMU	A Multi-Frequency Trigonometrically Fitted Adams–Bashforth–Moulton Method And Its Application To Multi-Frequency Oscillatory	
5:15 pm – 5:30 pm	121	KHAIRUL SAADON	Beyond Ari: Probabilistic Flood Hazard Assessment Vie Multiscenario Rainfall Pattern Integration In The Gombak River Basin, Kuala Lumpur	
5:30 pm – 5:45 pm	125	NURUL FATIHAH MOHD SAFRI	Effect Of Relative Humidity On The Tribological Performance Of Aisi 1045 Steel: Wear Behaviour,Friction And Surface Characterization	
5:45 pm – 6:00 pm	129	EMAD H. SALIH	Assessment Of The Interaction Between Urban Road Network Design, Traffic Flow, And Environmental Quality	



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DAY 2: THURSDAY, 27th AUGUST 2026

Venue: Online/Physical

MORNING PARALLEL SESSION				
Time: 9:15 AM – 12:15 PM (MYT)				
Parallel Room 1: Social Science and Humanities				
<i>Webex Link:</i>				
Time	Paper ID	Presenter	Title	Evaluator(s)
9:15 am – 9:30 am	73	SHIRLEY KUEH SIEW SIENG	A Perezhivanie-Informed Interpretive Framework For Studying Teacher Identity Transformation: Reframing Meaning-Making As Lived Affective-Cognitive Becoming	
9:30 am – 9:45 am	74	TAHREEM SURAHIO	Exploring Mobile Phone Technology, Strategic Self-Regulation And Language Learning Strategies Among Pakistani Second Language Learners	
9:45 am – 10:00 am	75	SHANTHINY NIANDEY	Harnessing Ai-Supported Social-Emotional Learning And Executive Function Strategies To Reduce Mathematics Anxiety: A Conceptual Framework For Sustainable Primary Mathematics Education	
10:00 am – 10:15am	86	NIDA FAYYAZ	Psychometric Pilot Reliability Testing Of A Multi-Scale Quantitative Battery Within A Mixed Methods Study: Among Expatriate Undergraduate Students In The Uae	
10:15 am – 10:30 am	90	WAN QI LEE	Explaining Users' Intention To Use Ai-Enabled Mobile Banking: A Systematic Literature Review Of Determinants And Theoretical Frameworks	



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10:30 am – 10:45 am	91	NURUL HUDA KAMARUDDIN	Enhancing Business Performance Through E-Invoicing Implementation: An Integrated Scoping Review And Research Agenda	
10:45 am – 11:00 am	92	HONGYI LI	Bridging Ai Engineering Education And Green Marketing: Sustainable Organic Food Trend	
11:00 am – 11:15 am	94	NURAIN BINTI MOHAMAD	Bridging The Cognitive Gap: Integrating Tangible And Intangible Ethnomathematics For Orang Asli Jakun Students.	
11:15 am – 11:30 am	95	MUSLIHAH SAMAN	Digital Assessment Evidence Management As A Mediating Mechanism For Competency Assessment Quality Assurance In Tvet: A Review Based Conceptual Framework	
Parallel Room 2: Science and Technology Webex Link:				
Time	Paper ID	Presenter	Title	Evaluator(s)
9:15 am – 9:30 am	87	MOHAMMAD LOKMAN HILMI	Mathematical Modelling Of Supercritical Co ₂ Extraction Of Swietenia Macrophylla Seeds Extract Using Mass Transfer Models	
9:30 am – 9:45 am	89	GUORUI LI	Artificial Intelligence Readiness And Smart Tourism Development In Asean: An Innovation Diffusion Perspective	
9:45 am – 10:00 am	93	FAIZA AL JABRI	Total Cost Of Ownership For Artificial Intelligence Systems: A Review Of Lifecycle Cost Components And Evaluation Approaches	
10:00 am – 10:15am	102	DHEKRE SALEH	Tsil: A Two-Stage Cluster-Aware Imbalance Learning Framework For Thyroid Disease Prediction Towards Sustainable Healthcare Diagnosis	
10:15 am – 10:30 am	104	HUAN WANG	Low-Carbon Innovation And Sustainable Supply Chain Performance In Manufacturing: An Integrative Literature Review	



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10:30 am – 10:45 am	109	UMAR MU'AZU	Optimizing Construction Organization Performance Through Digital Collaboration: An Exploration Of Performance Indicators	
10:45 am – 11:00 am	110	JOHAN SHARIF	Improve Accuracy And Response Time In Real-Time Facemask Detection System	
11:00 am – 11:15 am	112	HAYDER DAWOOD	Reinforcement Learning-Based Task Offloading In Edge Computing: A	
11:15 am – 11:30 am	113	ASEIL KADHIM	A Comprehensive Comparative Analysis Of Yolov9 And Yolov11 For Real-Time Face Detection	
11:30 am – 11:45 am	117	CHENXI WU	Green Market Orientation And Organizational Performance In Chinese Manufacturing Industries: The Mediating Role Of Green Supply Chain Management	
11:45 am – 12:00 pm	127	MUHAMMAD MOHD NOR	Efficient Underwater Video Ground-Truth Sampling For Coral Reef Habitat Labelling In Mbes-Based Mapping	
12:00 pm – 12:15 pm	128	NOOR ATIRA AKMAR BINTI ZAWAWI	Detection Of Chili Anthracnose Disease Using A Yolo Deep Convolutional Neural Network	
Parallel Room 3: Social Science and Humanities				
<i>Webex Link:</i>				
Time	Paper ID	Presenter	Title	Evaluator(s)
9:15 am – 9:30 am	97	YUER XIE	Ai And Difficult Heritage: Interpretation And Sustainable Protection Of Heritage In The Digital Age.	
9:30 am – 9:45 am	99	SITI NORAIKIN MOHD JAZULI	Psychomater: The Confidence Builder Quest	
9:45 am – 10:00 am	103	SITI ASMAHLATI AHMAD	Integrated Marketing Communication Governance In Higher Education: A Thematic Review And Future Research Agenda	
10:00 am – 10:15am	107	YU FU	Consumer Behaviour Toward Battery Electric Vehicles: A Rapid Review Of Pre-Purchase And Post-Purchase Evidence	



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10:15 am – 10:30 am	114	KIEW HUI YEE	The Effects Of Arcs-Based Online Gamified Learning On Form One Students' Achievement And Motivation In Learning Algebraic Expressions
10:30 am – 10:45 am	118	RINTO DWIATMOJO	Local Wisdom And Digital Technology For Sustainable Rural Tourism Development: The Case Of Tinalah Tourism Village, Yogyakarta
10:45 am – 11:00 am	119	YUE ZENG	From Situated Genai Use To Organisational Ai Capability In Edtech Firms: A Literature-Based Multi-Level Conceptual Framework
11:00 am – 11:15 am	123	CHUNG PPP213025	The Spacing Effect In Primary And Secondary Education: A Systematic Review Of Classroom Applications And Learning Outcomes
11:15 am – 11:30 am	124	FAISAL BIN ABID	Dual Theoretical Conceptual Framework To Categorize And Select Features Among Categories Using Hybrid Modified Topsis Feature Selection

Notes:

- Each presenter is allocated **15 minutes** for the presentation (including Q&A, if applicable).
- The presentation schedule is subject to change by the Organizing Committee.