

International Research Conference on Interdisciplinary Excellence (IRCIE 2025)

Oral Presentation Schedule for IRCIE 2025

2nd September 2025 (DAY 1 - AFTERNOON)

IRCIE Session 1; Venue: Pinnacle 3 at Level M1, The Vertical

THEME: INTERDISCIPLINARY

2ND SEPTEMBER 2025 (DAY 1 - AFTERNOON)					
IRCIE SESSION 1; VENUE: PINNACLE 3 AT LEVEL M1, THE VERTICAL					
THEME: INTERDISCIPLINARY					
NO.	TIME (GMT +8)	TITLE	PRESENTER	ID	CHAIRPERSON
1	1415-1430	ANALYSIS OF THERMAL STABILITY IN POLYPROPYLENE COMPOSITES REINFORCED BY GRAPHENE NANOPATELETS OF VARYING SIZES AND LOADINGS	MRS. SITI ROHANA AHMAD	IO 360	MS SITI ROHANA BINTI AHMAD
2	1430 - 1445	EFFECT OF MICROENCAPSULATED ALOE VERA AS GREEN INHIBITOR FOR ANTICORROSION PROPERTIES IN SIMULATED ALKALI SOLUTION	NURUL SYAZMEEN SAIFUL RIJAL	IO 437	
3	1445-1500	IMPLEMENTING ISLAMIC EDUCATION PRINCIPLES IN MODERN TERTIARY EDUCATION: A PRELIMINARY STUDY AMONGST MUSLIM EDUCATORS	PROF. DR. KAMARULZAMAN AB AZIZ	IO 938	
4	1500-1515	IDENTIFICATION AND PREVENTION OF CROSS CONTAMINATION OF HALAL AND NON-HALAL GOODS IN THIRD-PARTY LOGISTICS ACTIVITIES	MRS.DESHIVA GULTOM	IO 826	
5	1515-1530	IMPLEMENTATION OF AUGMENTED REALITY (AR) TECHNOLOGY IN ENHANCING AWARENESS OF CLEFT TREATMENT REGIMES AMONG CLEFT LIP AND/OR CLEFT PALATE PATIENTS AND PARENTS IN TERENGGANU	MRS. MELATI SABTU	IO 696	

6	1530-1545	THE INFLUENCE OF SHIPPING PRICE SERVICE QUALITY AND TRUST IN CUSTOMER DECISION TO USE PT JNE IN TERNATE NORTH MALUKU	MS. QUONITA SHALIHAT H HARIS	IO 594	
7	1545-1600	SMART MODELS AND MEDICAL IMAGING TECHNOLOGIES: ANALYZING THEIR IMPACT ON DIAGNOSIS AND TREATMENT	TS. KHALED KHALIFA SAID	IO 830	
8	1600-1615	NUDGE ME, MAYBE? INVESTIGATING THE IMPACT OF DIGITAL NUDGING ON ETUTORIAL ATTENDANCE TO SUPPORT QUALITY EDUCATION	TS. FATHIN FAKHRIAH ABDUL AZIZ	IO 778	
9	1615-1630	ADVANCING SDG 4 THROUGH PERSONALISED DIGITAL LEARNING: A SYSTEMATIC REVIEW OF PROGRAMMING EDUCATION IN OPEN AND DISTANCE LEARNING	TS. JASPAL KAUR NARANJAN SINGH	IO 682	MR MUHAMMAD NAJIB ABDUL HAMID
10	1630-1645	A NOVEL 5-BIT ASCON S-BOX WITH MULTIPLEXER FOR FPGA IMPLEMENTATION	MR. MUHAMMAD HAFIZ ABU HASSAN	IO 569	
11	1645-1700	ECO-ENGINEERED 3D PRINTED HONEYCOMB: LEMONGRASS AND PLA FOR NEXT-GEN SUSTAINABLE MATERIALS	MR. ZULKARNAIN ABDUL LATIF	IO 174	
12	1700-1715	EMBEDDING SDG LITERACY AND CLEAN ENERGY AWARENESS IN FACILITY MANAGEMENT EDUCATION: INSIGHTS FROM A POSTGRADUATE FOCUS GROUP	TS. SHARIFAH ROSFASHIDA SYED ABD LATIF	IO 650	
13	1715-1730	ENHANCING URBAN SAFETY THROUGH MULTI-SECTORAL COOPERATION: THE SAFE CITY INTERVENTION IN KOTA SAMARAHAN	MR. KUEK KHIOK KHUANG	IO 933	
14	1730-1745	THE MEDIATING ROLE OF MEANING IN LIFE IN THE RELATIONSHIP BETWEEN RELIGIOUS GRATITUDE, SPOUSAL SUPPORT, AND PSYCHOLOGICAL WELL-BEING AMONG MALAYSIAN WOMEN	DR. ROSMARIA OMAR	IO 644	
15	1745-1800	DEVELOPMENT OF PULSED ELECTROMAGNETIC FIELD THERAPY CONTROLLER USING FPGA FOR REHABILITATION PURPOSE	DR. MOHD REZAL MOHAMED	IO 56	

16	1800-1815	THE ROLE OF ENVIRONMENTAL CONCERN TOWARD INTENTION TO SWITCH TO PUBLIC TRANSPORTATION AMONG PRIVATE CAR USERS IN JOHOR BAHRU	MR. AHMAD FAKHRUDDIN AHMAD DAILAMI	IO 808	
17	1815-1830	SUSTAINABLE SMART MANUFACTURING: A SYSTEMATIC REVIEW ON THE TRANSITION FROM STATIC TO DYNAMIC OPERATIONS	DR. MOHD SHAHRIZAN YUSOFF	IO 309	
18	1830-1845	IOT-BASED OIL QUALITY MONITORING SYSTEM FOR HOMEMADE SOAP PRODUCTION USING USED COOKING OIL	DR. SHARMIWATI MOHAMMED SHARIF	IO 203	

3rd September 2025 (DAY 2 - MORNING)

IRCIE Session 2; Venue: Pinnacle 5 at Level M1, The Vertical

THEME: KEYNOTE SESSION & INTERDISCIPLINARY

3RD SEPTEMBER 2025 (DAY 2 - MORNING) IRCIE SESSION 2; VENUE: PINNACLE 5 AT LEVEL M1, THE VERTICAL THEME: KEYNOTE SESSION & INTERDISCIPLINARY						
NO	TIME (GMT +8)	TITLE	PRESENTER	ID	CHAIRPERSON	
	0900-0915	<p align="center">IRCIE 2025 OPENING & KEYNOTE SESSION</p> <p align="center">Keynote 1:</p> <p align="center">Optimizing for a Better Planet - The Role of Data in Sustainability Assoc. Prof. Ts. Dr. Muhamad Husaini Abu Bakar Ketua Penolong Pengarah, Unit Data, Statistik dan Alumni, Bahagian Perancangan Strategik, MARA</p> <p align="center">Keynote 2:</p> <p align="center">The Journey of Industrial Evolution: Driving Sustainable Development Goals Assoc. Prof. Ts. Dr. Sallaudin Hassan Associate Professor, Quality Engineering Section, UniKL MITEC</p>			Mr. Ahmad Fakhruddin Ahmad Dailami	
	0915-0930					
	0930-0945					
	0945-1000					
	1000-1015					
	1015-1030					
19	1030-1045	IMMERSIVE LEARNING FOR SUSTAINABILITY: TEACHING PLASTIC POLLUTION THROUGH AUGMENTED REALITY IN EARLY EDUCATION	DR. ALIA AMIRA ABD RAHMAN	IO 155	MS. ZURAIDAH MOHD NOOR	
20	1045-1100	VEHICLE PERFORMANCE SIMULATION OF HYBRID ELECTRIC VEHICLE AND ELECTRIC VEHICLE USING GT-SUITE	DR. MUHAMMAD NAJIB ABDUL HAMID	IO 93		
21	1100-1115	ANALYSIS OF THE DEVELOPMENT OF SOLAR ENERGY SYSTEMS IN ISOLATED SOCIETIES: A COMPARATIVE STUDY BETWEEN THE DESERT REGIONS IN ALGERIA AND MOROCCO	TS. ADEL ALHADI SAAD	IO 831		

22	1115-1130	EVALUATION OF THE EFFECTIVENESS OF SAFETY DRIVING TRAINING AND DRIVING PRACTICE IN IMPROVING ROAD SAFETY CULTURE: A CASE STUDY AT CV. ADIMAS PROFESSIONAL DEFENSIVE DRIVING COURSE	MISS. ZAHRA CHAERUNNISA	IO 593	
23	1130-1145	THE EFFECT OF WAREHOUSE MANAGEMENT SYSTEM AND MATERIAL HANDLING EQUIPMENT ON WAREHOUSE PERFORMANCE PT. DSV SOLUTIONS INDONESIA BEKASI 2025	MR. MUHAMMAD PAMUNGKAS	IO 694	
24	1145-1200	RADIATOR INCREASE FLOW (RIF) PUMP CONTROLLER DEVELOPMENT USING ARDUINO FOR BETTER PERFORMANCE AND RELIABILITY ON AUTOMOTIVE APPLICATION	MR. SYED MOHD FAWWAZ SYED MOHD RAMLI	IO 138	
25	1200-1215	THE URGENCY OF DATA PROTECTION REGULATION IN THE INTERNET OF THINGS (IOT) ECOSYSTEM TO ENSURE DIGITAL JUSTICE IN THE ERA OF SMART CONNECTIVITY	MISS KARMENITA	IO 727	IR TS DR MAZLAN AWANG
26	1215-1230	OPTIMIZING SOLAR HEAT CONCENTRATORS: TRANSPARENT CONDUCTING OXIDE AS A CUTTING-EDGE SELECTIVE ABSORBER FOR ENHANCED EFFICIENCY	MR. ABDALLA SASI	IO 564	
27	1230-1245	SMART VILLAGE CENTER: IOT-BASED INTEGRATION FOR SUSTAINABLE LIVELIHOODS IN MAJALENGKA	MISS FIKA NUR SABRINA	IO 703	
28	1245-1300	SDG 16 AND AFGHANISTAN: 2015 TO 2025	ASSOCIATE PROFESSOR DR. IMRANA BEGUM	IO 859	
29	1300-1315	DESIGN AND STRUCTURE ANALYSIS OF TURBOCHARGER WHEEL USING FINITE ELEMENT ANALYSIS (FEA) METHOD.	KHAIRUL SHAHRIL SHAFFEE,	IO 67	
30	1315-1330	LEVERAGING WATER INFORMATION SYSTEMS AND COMMUNITY EDUCATION TO STRENGTHEN WATERBORNE DISEASE PREVENTION IN INDONESIA	MRS. AYESHA HUMAYRA FAYYAZA	IO 734	
31	1330-1345	BRIDGING AWARENESS AND ACTION: THE MEDIATING ROLE OF ENVIRONMENTAL ATTITUDES IN PROMOTING SUSTAINABLE TRANSPORTATION BEHAVIOR	MISS FANESIA OLIVIA BISTOLEN	IO 592	

32	1345-1400	THE EFFECT OF MULTIZONE HEATING TEMPERATURE IN REFLOW SOLDERING PROCESS.	DR. AHMAD KAMAL ISMAIL	IO 190	
33	1400-1415	EVALUATION OF VIBRATION CHARACTERISTICS FROM ROAD ROUGHNESS BY DRIVING CAR	MRS. FAZIDAH SAAD	IO 75	

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NO.	TIME (GMT +8)	TITLE	PRESENTER	ID	CHAIRPERSON
34	1415-1430	IMPACT PERFORMANCE OPTIMIZATION OF EFB-CF BIO-COMPOSITES VIA TAGUCHI METHOD	MOHAMAD SAZALI SAID	IO 312	DR. MUNIR FARAJ ALMABROUK ALKBIR
35	1430-1445	DIGITAL ACCESSIBILITY: INSIGHTS OF USING SHADOW PUPPETS CULTURE FOR DISABILITY CHILDREN	DR. DAHLAN GHANI	IO 91	
36	1445-1500	THE IMPORTANCE OF INTERDISCIPLINARY MAINTENANCE EXECUTION STRATEGY ON ROTATING EQUIPMENT PACKAGE TOWARDS OPERATION PERFORMANCE IN PRODUCTION FACILITY.	MR. SYARIZAN ISHAK	IO 729	
37	1500-1515	A GAMIFIED INTERVENTION TO REDUCE FOOD WASTE: EVIDENCE FROM A UNIVERSITY LIVING LAB IN MALAYSIA	DR. NOR FYADZILLAH MOHD TAHA	IO 950	
38	1515-1530	THE ROLE OF REVERSE LOGISTICS IN ACHIEVING A SUSTAINABLE SUPPLY CHAIN	TS. NOOR IRDIANA NGADIMAN	IO 102	
39	1530-1545	AN APPLICATION OF HYBRID CONJUGATE GRADIENT OPTIMIZATION METHOD IN IMAGE RESTORATION PROBLEM	DR. NUR SYARAFINA MOHAMED	IO 555	
40	1545-1600	SURFACE MODIFICATIONS OF PLASMA SPRAYED THERMAL BARRIER COATING: AN OVERVIEW	TS. AZRINA ARSHAD	IO 409	
41	1600-1615	FROM CLASSROOM TO CAREER: COMPETENCIES THAT EMPLOYERS VALUE IN FRESH GRADUATES	DR. RAHMAT ROSLAN BUANG	IO 237	

42	1615-1630	TOWARD CONTINUOUS SUSTAINABLE LOGISTICS: INTEGRATING GREEN LOGISTICS PROCESSES WITH THE PDCA CYCLE	DR. ROZELIN ABDULLAH	IO 158	
43	1630-1645	MEASURING LEAN MATURITY: DEVELOPMENT OF A LEANNESS INDEX FOR CONTINUOUS IMPROVEMENT IN MALAYSIA'S E&E MANUFACTURING SECTOR	DR. MAZLAN AWANG	IO 390	
44	1645-1700	ADVANCING SUSTAINABLE LEAK DETECTION IN AIR CONDITIONER MANUFACTURING USING INFRARED THERMOGRAPHY: A CASE STUDY ON THERMAL IMAGING INTEGRATION	DR. MOHD USAIRY SYAFIQ	IO 374	
45	1700-1715	THE DEVELOPMENT OF REAL-TIME CRACK DETECTION USING DEEP LEARNING (RESNET-50 AND VGG-16)	ASSOCIATE PROFESSOR DR. MOHD ALIFF AFIRA SANI	IO 340	DR. RAHIMAH MAHAT
46	1715-1730	A TAGUCHI ANALYSIS OF TOOL WEAR IN RELATION TO LUBRICANT TYPES AND MACHINING PARAMETERS	DR. NUR FARAH HAFIZAH MUKHTAR	IO 139	
47	1730-1745	ACCEPTANCE AND APPLICATION OF RFID FOR EFFECTIVE WAREHOUSE MANAGEMENT SYSTEMS IN JOHOR	DR. NUSAILA BINTI JOHARI	IO 637	
48	1745-1800	TALENT MANAGEMENT AND TRANSFORMATIONAL LEADERSHIP STYLE IN ENHANCING ORGANIZATIONAL PERFORMANCE: A CASE STUDY OF BANK SIMPANAN NASIONAL MALAYSIA	DR. YONG SALMAH	IO 808	
49	1800-1815	MISOL: MULTI-LAYER INSTANCE SEARCH REGION FOR ONLINE LOCALIZATION FOR VISUAL TRACKING	DR. MOHD FAUZI ABU HASSAN	IO 292	
50	1815-1830	REGRESSION TECHNIQUES OF A REAL TIME CRASH PREVENTION ANALYSIS	MRS. NOR HASLINA IBRAHIM	IO 212	
51	1830-1845	THE CIRCULAR SUPPLY CHAIN IN THE DIGITAL AGE: ANALYZING THE IMPACT OF DIGITALIZATION ON SUSTAINABLE FOOD PRODUCTION AND DISTRIBUTION	ASSOCIATE PROFESSOR DR. HAIRUL RIZAD MD SAPRY	IO 134	

