



# SUSED2025

THE FOURTH INTERNATIONAL COMPETITION ON SUSTAINABLE EDUCATION 2025  
TRANSFORMING EDUCATION, DRIVING INNOVATION AND ADVANCING  
LIFELONG LEARNING FOR EMPOWERED WORLD

## WINNERS

20TH AUGUST 2025

ACADEMY OF LANGUAGE STUDIES  
UNIVERSITI TEKNOLOGI MARA  
NEGERI SEMBILAN BRANCH  
KUALA PILAH CAMPUS  
MALAYSIA



SUSED ID	INNOVATION TITLE	AWARD
ERS2025002	TRANSFORMING ODL PRACTICES: AN ASSESSMENT TOOL FOR CONTINUANCE INTENTION IN HIGHER EDUCATION	Gold
ERS2025023	COMPOSITE MICROMECHANICAL ANALYSIS LEARNING TOOL (CMALT)	Gold
ERS2025001	ME-BIPLP - THE DEVELOPMENT OF A MALAY-ENGLISH BILINGUAL LANGUAGE PRACTICES QUESTIONNAIRE FOR MALAYSIAN PARENTS AND CAREGIVERS	Gold
ERS2025025	The Khutub Khanah	Silver
ERS2025003	ASSESSING ODL'S IMPACT ON GRADUATE SKILL ACQUISITION AND CAREER READINESS THROUGH INNOVATIVE ONLINE SURVEY	Silver
ERS2025005	Integrating Green Nanotechnology Research into Engineering Education Using Palm-Oil-Based Transformer Nanofluids	Silver
ERS2025028	REDUCTION OF POLLUTANTS IN BRINE EFFLUENT USING ELECTROCOAGULATION	Silver
ERS2025007	Bankaroo-i: Virtual Account for kids to teach them spending and saving habits	Silver
ERS2025009	OPTIMIZATION OF TURBIDITY REMOVAL FROM WASTEWATER USING CARICA PAPAYA SEED EXTRACT VIA RESPONSE SURFACE METHODOLOGY	Silver
ERS2025021	GLOWSAFE LUNCHBOX	Silver
ERS2025010	VIONIE (NATURAL AROMATHERAPY CANDLES) : UTILIZATION OF USED COOKING OIL FOR AROMATHERAPY CANDLES BASED ON NATURAL INGREDIENTS FROM LEMONGRASS STEMS (CYMBOPOGON CITRUS) AND KAFFIR LIME LEAVES ( CITRUS HYSTRIX)	Silver
ERS2025022	MORI NORI (MORINGA OLEIFERA INNOVATION INTO HEALTHY NORI SNACKS)	Silver
ERS2025013	A METHODOLOGY TO INVESTIGATE COST COMPARISON BETWEEN SOIL NAILING AND SHEET PILING	Silver



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	METHODS	
ERS2025014	A METHODOLOGY TO INVESTIGATE FINANCIAL CHALLENGES AND STRATEGIC RESPONSES OF NET ZERO BUILDING IN MALAYSIA	Silver
ERS2025008	DESIGN AND DEVELOPMENT OF MOBILE APPLICATION FOR ACESSING CRIME RISK FOR INVESTIGATION OFFICER (IO)	Silver
ERS2025006	PREDICTING FACTORS IN FINANCIAL LOSS AMONG MALAYSIAN SCAM VICTIMS USING MACHINE LEARNING	Silver
ERS2025027	Challenges Faced by Non-Native Speakers in Learning Arabic Syntax in Diploma Course	Silver
ERS2025018	A METHODOLOGY TO INVESTIGATE COST COMPARISON BETWEEN THE EXCLUSIVITY OF END-OF-LIFE (EOL) BATTERIES FOR ELECTRIC VEHICLES (EVs) IN MALAYSIAERS	Silver
ERS2025004	INTEGRATING DEEPSEEK INTO RURAL ELDERLY SERVICES: OPPORTUNITIES, CHALLENGES, AND ADAPTATION STRATEGIES IN JILIN PROVINCE, CHINA	Silver
ERS2025026	BIBLIOVERSE TOK BAYU EDU: BRIDGING SOCIAL AND EMOTIONAL LEARNING THROUGH DIGITAL BIBLIOTHERAPY FOR SUSTAINABLE EDUCATION	Silver
ERS2025016	#SUSED2025: A METHODOLOGY FOR INTEGRATING VIRTUAL WATER DATA INTO LIFE CYCLE COST IN THE MALAYSIA'S WATER INFRASTRUCTURE SECTOR	Silver
ERS2025015	Adolescent Social Media Use: Understanding Its Impact on Self-Esteem	Silver
ERS2025012	A Methodology to Investigate the Challenges and Strategies for Improving Life Cycle Cost (LCC) Practice in the Malaysian Urban Renewal	Silver
ERS2025011	HEALTH NATURAL DRINKS	Bronze
ERS2025019	LEAF SENSE	Bronze
ERS2025024	DEVELOPMENT OF A COMPACT AND SUSTAINABLE CNC MILLING MACHINE FOR PCB PROTOTYPING	Bronze



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ERS2025017	THE ROLE OF QUANTITY SURVEYING IN SAFETY COST PLANNINGAND RISK MITIGATION IN THE CONSTRUCTION PROJECTS	Bronze