

EDiC

EDUCATION INNOVATION CHALLENGE 2026

AWARDS & RECOGNITION





No.	ID	Project Title	Category
1	59	Immersive Paradigm for Biomolecular and Genetic Engineering Education With Discovery-Integrated Learning	Virtual Immersive Learning Experience
2	63	FiTT Ex: An Innovative Transformative Teaching Approach through Problem-Based Learning Role Play	Transformative Teaching
3	65	DockerBigLab: A Containerised Big Data Education Platform for Teaching Hadoop, Hive, Spark, Kafka, and MongoDB in Higher Education	Blended Immersive Learning Experience
4	79	DIGILECX: An Integrated Web-Based Learning Platform for Interactive Study and Practice in Digital Electronics	Virtual Immersive Learning Experience
5	84	Gamified Trade Simulation Framework: Bridging Theory and Practical Engagement in Export-Import Management Education	Face-to-Face Immersive Learning Experience
6	86	Transforming Course Administration: An Automated Management Ecosystem for the NMK31704 Design Project	Transformative Teaching
7	94	SEGI TIGA PLK: Rumus Punca–Langkah–Kesan Berasaskan Korpus bagi Penulisan Karangan Bahasa Melayu yang Pantas dan Berfokus	Empowerment of Bahasa Melayu in Teaching and Learning
8	104	From Theory to TikTok: An Alternative Assessment Model for Communication Education	Alternative Assessment
9	111	Reimagining Case Roleplay: The ImmerseCase Framework for Face-to-Face Immersive Learning	Face-to-Face Immersive Learning Experience
10	119	BioVideo SPM: Inovasi Pembelajaran Digital Biologi melalui Integrasi Nota Visual dan Video	Open and Distance Learning (ODL)
11	129	Outcome-Specific Effects of Supplemental and Substitute Blended Learning in Engineering Management Education	Blended Immersive Learning Experience
12	130	EduSTEM: Enhancing STEM Awareness Among School Students Through Experiential STEM Learning	Service Learning Malaysia – University for Society (SULAM)
13	137	Immersive e-Transform: Transforming Electrical Engineering Education through Interactive Virtual Learning	Virtual Immersive Learning Experience



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1	3	Raising Community Awareness on E-waste Recycling	Service Learning Malaysia – University for Society (SULAM)
2	4	Community-Based Teaching through a SULAM Project in the Course BBY21505 – Building Services 1	Service Learning Malaysia – University for Society (SULAM)
3	6	A Game-Based Experiential Simulation Framework for Shift Register Learning	Face-to-Face Immersive Learning Experience
4	27	Transforming AC Electric Circuit Learning Through iLELA: An AI-Powered Learning Assistant	Transformative Teaching
5	37	Transforming Engineering Education Through a Scalable Student-Led Innovation Model for Rooftop Solar PV System Design	Service Learning Malaysia – University for Society (SULAM)
6	39	Designing Transformative Teaching through the Multiple Learning Approaches Framework (MLAF): A Lean Six Sigma Training Program in the Manufacturing Industry	Transformative Teaching
7	55	Rubric Assessment System : iMARK	Alternative Assessment
8	61	Waste-to-Wealth (W2W) Eco-Dye: Empowering Communities through Sustainable Natural Dye Extraction from Biomass Waste	Service Learning Malaysia – University for Society (SULAM)
9	66	Hybrid TechShare Innovation Framework (HTIF): Hybrid SULAM Model for Enhancing STEM Engagement and Global Technology Knowledge Transfer	Service Learning Malaysia – University for Society (SULAM)
10	67	Pengaplikasian Inovasi Google Site SINKEF dalam Pembelajaran dan Pemudahcaraan	Transformative Teaching
11	68	PROGRAM CAHAYA PRIHATIN: INTEGRATING SULAM AND MALAYSIA ENERGY LITERACY PROGRAM (MELP) FOR COMMUNITY ENERGY TRANSITION	Service Learning Malaysia – University for Society (SULAM)
12	69	Hands-On, Minds-On: The DASA Immersive Learning Model for Microsoft Project Education in Construction Project Management Courses	Blended Immersive Learning Experience
13	72	EcoBiomass Mentorship: A Peer-to-Peer SULAM Model for Grassroots Circular Economy	Service Learning Malaysia – University for Society (SULAM)



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14	74	The Development of UniMAP SULAM-DT Assessment Ecosystem: A Dual-Rubric, Outcome-Aligned Innovation for Community-Engaged Learning	Service Learning Malaysia – University for Society (SULAM)
15	75	CESIF–SULAM: Light Up Streets, Light Up Lives through Community-Engaged Renewable Energy Learning	Service Learning Malaysia – University for Society (SULAM)
16	76	SULAM@UniMAP: A University-Wide, Accreditation-Aligned Ecosystem for Community-Engaged Learning	Service Learning Malaysia – University for Society (SULAM)
17	78	Kit ‘Marilah Solat’- AI: Integrasi Pembelajaran Berasaskan Projek dan Kecerdasan Buatan dalam Topik Solat Berjemaah	Transformative Teaching
18	82	Transforming TVET Education for Psychomotor Assessment: Asynchronous Video Evaluation of Air Sampling Procedures in Safety, Health and Environmental Management Course.	Alternative Assessment
19	87	Automotive Professionals Blended Learning (AutoProB): A Pioneering Framework for Technologists and Engineers	Blended Immersive Learning Experience
20	88	The EXACT-A+ Rubric Ecosystem: A Holistic Industry-Validated Alternative Assessment Model for Engineering Capstone Education	Alternative Assessment
21	89	PARADIGMA: An Interactive Suite for Learning Research Philosophy and Design	Transformative Teaching
22	93	Gema Bahasa: Ekosistem Digital Bersepadu bagi Pentaksiran Autentik dan Pemerkasaan Bahasa Melayu	Empowerment of Bahasa Melayu in Teaching and Learning
23	96	TAXBRIDGE: A Reciprocal Service-Learning Model for Tax Literacy and Applied Taxation Education	Service Learning Malaysia – University for Society (SULAM)
24	98	Developing Energy Literate Citizens through an Interactive Micro-Credential for Sustainable Energy Decision-Making	Micro-Credential (MC)
25	99	A Stackable Micro-Credential for Foundational Learning in Computer Systems and Architecture	Micro-Credential (MC)
26	100	From Classroom Curiosity to Scholarly Impact: A Micro-Credential Series on the Scholarship of Teaching and Learning (SoTL)	Micro-Credential (MC)



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27	101	A Transformative Teaching using OM-Xperience Framework for Operations Management	Transformative Teaching
28	102	ShapeX: Surface Area & Volume Missions	Virtual Immersive Learning Experience
29	106	SustainVerse: Adaptive Virtual Environment for Sustainability Learning	Virtual Immersive Learning Experience
30	108	REALBIZ Case Learning Model (RCLM): Transforming Strategic Management Learning through Real Malaysian Business Cases	Transformative Teaching
31	112	EduWeld 2.0: Real-Time, Intelligent Welding Skill Assessment	Alternative Assessment
32	114	Transforming Engineering Education through the C.O.R.E. Approach: A Transformative Teaching Framework for Future Engineers	Transformative Teaching
33	118	C-LEAP: A Cooperative Problem-Based Learning Approach to Energy and Carbon Footprint Auditing	Alternative Assessment
34	120	Empowering Micro-Enterprises and Students: A SULAM-Integrated Approach to Digital Marketing Education	Service Learning Malaysia – University for Society (SULAM)
35	122	Bridging Theory and Practical Competence: A Triangulated Evaluation of Student Comprehension and Technical Proficiency in Gram Staining	Face-to-Face Immersive Learning Experience
36	124	Lemon Lestari: Inovasi Skrub Kulit Lemon	Service Learning Malaysia – University for Society (SULAM)
37	126	QR-LAB: Transforming Laboratory Learning Through Digital Access	Transformative Teaching
38	128	Redesigning the Instructional Ecosystem Through an AI-Assisted Student-Centred Learning Framework: A Teaching Innovation in Digital Business Education	Transformative Teaching
39	131	AI ² Learn: Use AI to Learn AI	Transformative Teaching
40	133	Constructive Alignment in Embedded Systems: A Continuous Alternative Assessment Framework for Microcontroller System Design	Alternative Assessment
41	135	Transforming a Course Project into an Authentic Assessment Framework: An Industry-Inspired Mini Design Project for Engineering Education	Alternative Assessment



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42	141	ACE IT!: A Transformative Teaching Model for Accountable Final Examination Revision Learn It. Own It. Ace It.	Transformative Teaching
43	142	Model Q-CARE: Inovasi Transformatif Pembelajaran Ulum Al-Quran Berasaskan Komuniti	Transformative Teaching
44	143	Sequential Industry Driven Experiential Learning for Investment Decision Making in the Building Economics	Face-to-Face Immersive Learning Experience
45	144	Designing an Immersive Integrative Development Appraisal Innovation: An Authentic Assessment Approach to Enhancing Higher-Order Thinking	Alternative Assessment
46	145	Silent Mate - Sahabat untuk Ketenangan Kelas	Open and Distance Learning (ODL)



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1	36	NON-DESTRUCTIVE TESTING (NDT) INSPECTION SIMULATOR	Virtual Immersive Learning Experience
2	56	From Passive Learners to Strategic Thinkers: The SPLGD Active Learning Framework for Transforming Student Engagement in Business Capstone Education	Face-to-Face Immersive Learning Experience
3	57	EduTikTok: A Structured Short-Form Video for Alternative Assessment in Undergraduate STEM Education	Alternative Assessment
4	62	FinMosaic 360: An AI-Supported Multimodal Framework for Project-Based Finance Assignments	Alternative Assessment
5	64	The Immersive Learning Board: An Interactive Padlet Approach to Overcoming Abstract Challenges in Accounting Education	Virtual Immersive Learning Experience
6	70	Pembelajaran Berasaskan Pengalaman: SULAM Pemasaran Digital Berteraskan POPBL di YL Recreation Park	Service Learning Malaysia – University for Society (SULAM)
7	80	IDEA2PLAN: A Framework for Continuous Business Plan Development in a Capstone Entrepreneurship Course	Transformative Teaching
8	81	MPI-KOMPIKU: Transformasi Pengajaran Pemikiran Komputasional melalui Penjajaran Instruksional Berasaskan Kerangka Pemikiran Komputasional dan Sembilan Peristiwa Pengajaran Gagné	Transformative Teaching
9	95	Innovating Culinary Education through a Bread-Making Micro-Credential	Micro-Credential (MC)
10	97	Accounting TVET Curriculum Structure: An Industry-Integrated, Digitally Enabled and AaDab©-Infused Model for Future-Ready Accounting Education	Transformative Teaching
11	105	Padlet-Supported Inquiry-Based Discussion: An Innovative Approach to Teaching the Concept of Culture	Transformative Teaching
12	109	SULAM Pemasaran Digital: Pembelajaran Autentik melalui POPBL di Bekbek's Village	Service Learning Malaysia – University for Society (SULAM)



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13	110	ClassTown: Redefining Online Classes through a Virtual Campus Concept	Transformative Teaching
14	115	SULAM-Driven Micro-Consultancy: Empowering B40 Entrepreneurs through Applied Design Thinking in Entrepreneurship Education	Service Learning Malaysia – University for Society (SULAM)
15	116	Komik AI Bahasa Melayu 2026	Empowerment of Bahasa Melayu in Teaching and Learning
16	117	STEAM-Ready Educator: A Stackable, Artefact-Gated Micro-Credential for Building Teacher Self-Efficacy in Technology-Integrated STEAM Pedagogy	Micro-Credential (MC)
17	123	HR IMAGECODE: An AI-Integrated Transformative Teaching Framework for Developing Industry-Ready Human Resource Professionals	Transformative Teaching
18	125	Padlet-Integrated Jigsaw: An Innovative Approach to Collaborative Learning in Higher Education	Transformative Teaching
19	127	Project-Based Assessment for Electromyography Practical: A Student-Centred Approach in Biomedical Electronic Engineering Education	Alternative Assessment
20	132	PENGUNAAN TATATREE AI BAGI MENINGKATKAN PENGUASAAN SUBJEK DAN PREDIKAT BAHASA MELAYU MURID TAHUN 3	Empowerment of Bahasa Melayu in Teaching and Learning
21	136	Bringing Business Ethics to Life: A Role-Play-Based Authentic Assessment	Face-to-Face Immersive Learning Experience
22	138	Micro-Credential Module for Lean Venture Creation: “A Mission Impossible” to Setup Global Link of Entrepreneurs Business	Micro-Credential (MC)
23	139	FiqhACT: Inovasi Sistem Pentaksiran Autentik Fiqh al-Ushrah di Institusi Pengajian Tinggi	Alternative Assessment
24	140	MyHafazan : Tahfiz Student Hafazan Progress Record Management System	Alternative Assessment
25	146	ThinkTrace: Making Student Thinking Visible in Engineering Assessment	Alternative Assessment
26	147	Cultivating Key Sustainability Competencies Through Research-Infused Experiential Learning: A Sequential Authentic Assessment Innovation	Transformative Teaching