

CATEGORY 3: ENGINEERING (CIVIL/ELECTRICAL/MECHANICAL/ICT)				
NO	NO. ID	AWARD	INSTITUTION	TITLE
GOLD				
1	INNOFEST 2024-044	GOLD	POLITEKNIK KOTA KINABALU SABAH	HYBRID GREEN-TECH LIGHTWEIGHT COMPOSITE (HGLC) FLOOR PANEL
2	INNOFEST 2024-048	GOLD	POLITEKNIK MELAKA	INNOVATIVE INTERVENTION: HARNESSING ROBOTICS TO IMPROVE FINE MOTOR SKILLS IN CHILDREN WITH AUTISM
3	INNOFEST 2024-076	GOLD	POLITEKNIK SEBERANG PERAI	PELBAGAI SAIZ SOKET BAGI ACI ENGGOL TANGAN
4	INNOFEST 2024-154	GOLD	POLITEKNIK KUCHING SARAWAK	SMALL RIVER CLEANER (SRC-X01)
5	INNOFEST 2024-159	GOLD	INTI INTERNATIONAL UNIVERSITY	ELECTRIFIED CATALYZED BIOMASS CONCRETE " A NEW RENEWABLE ENERGY SOURCE FOR BUILDINGS
6	INNOFEST 2024-209	GOLD	UNIVERSITY MALAYSIA KELANTAN	SMART 3-WHEEL BIKE: TECHNICAL SUPPORT FOR DISABLED ENTREPRENEURS

SILVER				
1	INNOFEST 2024-024	SILVER	POLITEKNIK KOTA BHARU	SISTEM PENGGERA KERETA PEMBERITAHUAN KESELAMATAN BAYI (ByFAR)
2	INNOFEST 2024-028	SILVER	POLITEKNIK SULTAN AZLAN SHAH	PCB HOLE MACHINE
3	INNOFEST 2024-032	SILVER	POLITEKNIK KUCHING SARAWAK	A CASE STUDY ON THE IMPACT OF ONLINE LECTURE ROOM BOOKING SYSTEM AT DEPARTMENT OF COMMERCE, POLITEKNIK KUCHING SARAWAK
4	INNOFEST 2024-033	SILVER	UNIVERSITI TEKNOLOGI MARA, CAWANGAN JOHOR, KAMPUS PASIR GUDANG	ECO-FRIENDLY EPOXIDE FROM RUBBER SEED OIL AS GREEN CHEMICALS PRECURSOR
5	INNOFEST 2024-057	SILVER	UNIVERSITI TEKNOLOGI MALAYSIA, JOHOR	FAST-SUPERIOR CO2 CAPTURING MORTAR: COMBATING CLIMATE CHANGE
6	INNOFEST 2024-058	SILVER	POLITEKNIK SEBERANG PERAI, PULAU PINANG	IoT-BASED ROTARY SHOES DRYER
7	INNOFEST 2024-074	SILVER	POLITEKNIK SULTAN MIZAN ZAINAL ABIDIN	KOTAK BENTUK KELULI HALF SLAB PRA TEGASAN
8	INNOFEST 2024-071	SILVER	POLITEKNIK KUCHING SARAWAK	SMART EXTENSION CORD WITH OVERLOAD WARNING AND CUT-OFF
9	INNOFEST 2024-089	SILVER	UNIVERSITI MALAYSIA SABAH	INTEGRATED EARLY FIRE ALARM SYSTEM AND CIRCUIT BREAKER FOR RISK MITIGATION

10	INNOFEST 2024-096	SILVER	POLITEKNIK SULTAN HAJI AHMAD SHAH	INOVASI MESIN PENAPIS PASIR
11	INNOFEST 2024-104	SILVER	POLITEKNIK KUCHING SARAWAK	POLE-JURIN
12	INNOFEST 2024-108	SILVER	POLITEKNIK SULTAN HAJI AHMAD SHAH	POTENTIAL OF BLACK COTTON SOIL IN BRICK PRODUCTION
13	INNOFEST 2024-124	SILVER	SMK BUKIT JAMBUL, PULAU PINANG	ECOBIT
14	INNOFEST 2024-138	SILVER	POLITEKNIK SULTAN ABDUL HALIM MU'ADZAM SHAH	DESIGN AND DEVELOPMENT OF A LATHE TOOL SHARPENING JIG
15	INNOFEST 2024-147	SILVER	KOLEJ KOMUNITI SANDAKAN SABAH	CLO-PLO CHARTS AUTOBUILDER MOBILE APPS
16	INNOFEST 2024-149	SILVER	POLITEKNIK SEBERANG PERAI, PULAU PINANG	THE DEVELOPMENT OF THE FOUR STROKES ENGINE EDUCATIONAL KIT USING ADDITIVE MANUFACTURING
17	INNOFEST 2024-167	SILVER	KOLEK KOMUNITI SEBERANG JAYA	IOT SMART URBAN GARDENING CONTROL C MONITORING SYSTEM
18	INNOFEST 2024-179	SILVER	INTI INTERNATIONAL UNIVERSITY	TRANSFORMING WATER QUALITY WITH CHICKEN EGGSHELL ADSORPTION FOR RIVER CONTAMINANT REMOVAL

19	INNOFEST 2024-194	SILVER	POLITEKNIK SULTAN AZLAN SHAH	MEREKA BENTUK DAN MENGHASILKAN ALAT BANTUAN KERETA TAK BERGERAK DI BENGKEL POLITEKNIK SULTAN AZLAN SHAH
20	INNOFEST 2024-226	SILVER	UCSI UNIVERSITY, KUALA LUMPUR	RAINFALL HARVESTING SYSTEM WITH ACTIVATED CARBON PURIFICATION AND SPRINKLER SYSTEM
21	INNOFEST 2024-232	SILVER	UNIVERSITI MALAYSIA SABAH	A STANDARD MIXING PROCEDURE FOR CEMENT PASTE CONTAINING POLYPROPYLENE FIBRES
22	INNOFEST 2024-236	SILVER	SEGI COLLEGE PENANG, PULAU PINANG	IMPLEMENTATION AND OPTIMIZATION OF A SELF- ENROLMENT SYSTEM (SES) IN TERTIARY ACADEMIC EDUCATION
23	INNOFEST 2024-253	SILVER	MRSM GEMENCHEH ULUL ALBAB, NEGERI SEMBILAN	OFF-TO-GO CART
24	INNOFEST 2024-255	SILVER	POLITEKNIK MERLIMAU, MALACCA,	DEVELOPMENT OF ELONGATION INDEX TEST KIT 2.0

BRONZE

1	INNOFEST 2024-082	BRONZE	POLITEKNIK KUCHING SARAWAK	PANCARONGGA PENGHANTAR KEBEZAAN TEKANAN SECARA DIBUAT INDIVIDU DENGAN YAKIN (DIY)DIY DIFFERENTIAL PRESSURE TRANSMITTER MANIFOLD
2	INNOFEST 2024-090	BRONZE	UNIVERSITI MALAYSIA SABAH	WATER LEVEL AND ULTRASONIC BASED EARLY FLOOD WARNING SYSTEM FOR PREVENTIVE ALERT
3	INNOFEST 2024-102	BRONZE	POLITEKNIK SULTAN HAJI AHMAD SHAH	DESIGN OF EASY BRICK BINDER MOLD IN OVERCOME CONCRETE WASTE
4	INNOFEST 2024-103	BRONZE	POLITEKNIK BALIK PULAU	BIOMETRICS VOTING ANALYST DASHBOARD
5	INNOFEST 2024-111	BRONZE	POLITEKNIK BAGAN DATUK	AUTONOMOUS RECREATIONAL BOAT
6	INNOFEST 2024-122	BRONZE	UNIVERSITI TUN HUSSEIN ONN MALAYSIA	SegSta PMFSM
7	INNOFEST 2024-127	BRONZE	UNIVERSITI TUN HUSSEIN ONN MALAYSIA	FREE ENERGY MAGNETIC GENERATOR (FEMG)
8	INNOFEST 2024-132	BRONZE	UNIVERSITI MALAYSIA PERLIS	DEVELOPMENT OF AN EMERGENCY CALLING SYSTEM
9	INNOFEST 2024-163	BRONZE	POLITEKNIK UNGKU OMAR, PERAK	MICRO ROAD WASHING DEVICE (MR.WD)

10	INNOFEST 2024-214	BRONZE	UNIVERSITI TUN HUSSEIN ONN	ELECTROKINETIC (EK) STABILISATION OF ENGINEERED SAND BACKFILL ADMIXED WITH RECYCLED TYRE WASTES
11	INNOFEST 2024-217	BRONZE	KOLEJ KOMUNITI PEKAN	SPRING CHANGER
12	INNOFEST 2024-239	BRONZE	SEGI COLLEGE, PENANG	JOBSEEKER AI
13	INNOFEST 2024-258	BRONZE	POLITEKNIK UNGKU OMAR	SMART SOLAR POWERED METHANE DETECTOR