

International Innovation Awards 2021

GOLD AWARDS

ORGANIZATION NAME	TITLE OF INNOVATION
HYGEIA TOUCH INC.	SELF-TESTING KIT FOR VAGINAL INFECTION
UNIVERSITI TEKNOLOGI PETRONAS	TOWERSENSE – STRUCTURAL HEALTH MONITORING SYSTEM FOR TELECOMMUNICATION TOWER
UNIVERSITI PUTRA MALAYSIA	RUBBER RESTRAINER DEVICE
MULTIMEDIA UNIVERSITY	SURROUND SENSING-BASED WATER WAVE DETECTOR FOR BUOY
UNIVERSITI TUN HUSSEIN ONN MALAYSIA	PORTABLE ALL-OPTICAL RADIO FREQUENCY (AORF) SIGNAL GENERATOR
FACULTY OF ENTREPRENEURSHIP AND BUSINESS, UNIVERSITI MALAYSIA KELANTAN	AISES: AI INNOVATION IN MODELLING SUSTAINABLE SOCIAL ENTERPRISE FUNDING MODEL
UNIVERSITI PUTRA MALAYSIA	SEMI-ACTIVE BYPASS VISCOSE DAMPER
UNIVERSITI MALAYSIA KELANTAN	OKU2U IOT AGRIPRENEUR BUILDER
UTEM - UNIVERSITI TEKNIKAL MALAYSIA MELAKA	LIFWEE
MULTIMEDIA UNIVERSITY	CONNECTED AND INTERACTIVE ADVERTISING CAMPAIGN (CONNECT-INTERACT)
GREENERGY INTERNATIONAL SDN BHD	REVO INFINITY - GREAT INNOVATIVE GADGET IN THE AUTOMOTIVE WORLD
UNIVERSITI PUTRA MALAYSIA	ORGANIC AND INORGANIC APPROACHES FOR IMPROVING SOIL HEALTH AND CASH CROPS YIELD AND QUALITY

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UNIVERSITI TEKNOLOGI MALAYSIA	MICRO HYDRO POWER FOR OFF-GRID RENEWABLE ENERGY SOURCE (MIPO)
UNIVERSITY OF MALAYA	AN IN-PIPE HYDROPOWER GENERATOR
UNIVERSITI TEKNIKAL MALAYSIA MELAKA	INTELLIGENT WEARABLE DEVICE FOR BLIND PERSON
UCSI UNIVERSITY	ICONMIX: AN AUTOMATED INTELLIGENT MIXING SYSTEM FOR OPTIMAL CONCRETE MIXING POWERED BY MACHINE LEARNING AND COMPLEX FUZZY LOGIC
UNIVERSITI SAINS MALAYSIA	MYTOXDATA SYSTEM - MALAYSIAN TOXICOLOGICAL DATABASE
W.E.S.T.I.N.G GMBH	AIR AND SURFACE DISINFECTION DEVICE BY NANOPLASMA TECHNOLOGY
UNIVERSITI MALAYSIA KELANTAN	TERMICIDE : LIQUID ANTI TERMITE FOR HOUSEHOLD
NATIONAL DEFENSE UNIVERSITY OF MALAYSIA	APPLICATION OF ANDROID SYSTEM AND DEVELOPMENT OF PUSH UP NORMS
IGL COATINGS (OMINENT SDN. BHD.)	ECOCOAT KENZO GRAPHENE REINFORCED
UNIVERSITI MALAYSIA SARAWAK	CYLINDRICAL DETENTION POND (CDP) AS INNOVATIVE GREEN PAVEMENT SYSTEM
UNIVERSITI TEKNOLOGI MALAYSIA	SMART SOUNDS CONTROLLABLE MATERIAL
UNIVERSITI MALAYSIA PAHANG	E-ANFUN FOR ENVIRONMENTAL SAFETY AND MONITORING
UNIVERSITI TEKNIKAL MALAYSIA MELAKA	C2L

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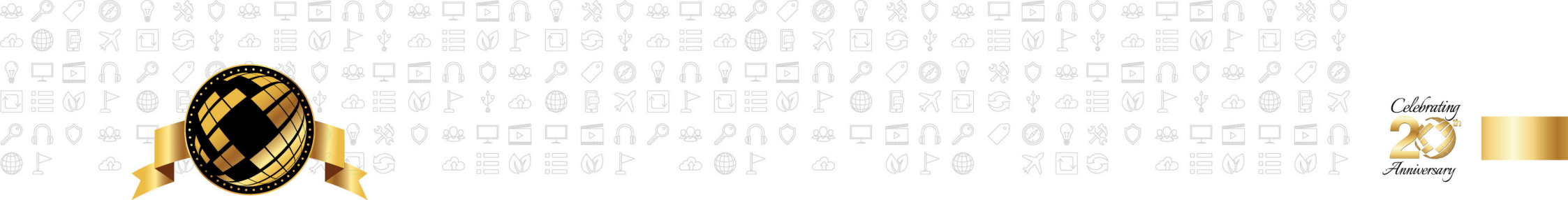
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UNIVERSITI SAINS MALAYSIA	PUNCTURE PROOF SELF-HEALING TYRE
PROCESS SYSTEMS ENGINEERING CENTRE (PROSPECT), UNIVERSITI TEKNOLOGI MALAYSIA (UTM)	WASTE 2 WEALTH – MALAYSIA'S WASTE TRADING WEBSITE
TELEKOM RESEARCH & DEVELOPMENT SDN BHD	AI-ENABLED ALERT SYSTEM TO PREVENT CABLE-CUTS CAUSED BY CONSTRUCTION ACTIVITIES (PATROL)
FACULTY OF CIVIL ENGINEERING TECHNOLOGY, UNIVERSITI MALAYSIA PAHANG	CLIN-LITECRETE
PRZEDSIĘBIORSTWO WDROŻENIOWE PRO-SERVICE SP. Z O.O.	MULTI-GAS AND MULTI-POINT STATIONARY CO / LPG... NO2... DETECTORS FOR CLOSED GARAGES AND... NOT ONLY
INTERNATIONAL FATWA AND HALAL CENTRE (IFFAH), UNIVERSITI SAINS ISLAM MALAYSIA	GLOBAL UMRAHAJI (GUG)
PROCESS SYSTEMS ENGINEERING CENTRE (PROSPECT), UNIVERSITI TEKNOLOGI MALAYSIA (UTM)	SMART ENERGY DEMAND ANALYSIS AND REDUCTION (SEDAR)
UNIVERSITI TEKNOLOGI MALAYSIA	SOUND-OPSCRETE FOR NOISE CONTROL MATERIALS
UNIVERSITY OF MALAYSIA SARAWAK	ORAL CARE SPRAY
UNIVERSITI KUALA LUMPUR BRITISH MALAYSIAN INSTITUTE (UNIKL BMI)	APPSGOOLEE
UNIVERSITI TEKNIKAL MALAYSIA MELAKA	ECOCO 2.0 - GREEN SOLID DESICCANT FROM YOUNG COCONUT WASTE FOR DESICCANT DEHUMIDIFIER
UNIVERSITI TEKNOLOGI MARA	PECTIN HYDROGEL WOUND DRESSING FOR DIABETIC BURN WOUNDS

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UNIVERSITI SAINS MALAYSIA	BIOMER: A NEW GENERATION ARGO BASE BIODEGRADABLE POLYMER TO COMBAT WHITE POLLUTION
KOLEJ KEMAHIRAN TINGGI MARA (KKTm) KUANTAN	FLEXSILK
INSTITUT PENYELIDIKAN DAN KEMAJUAN PERTANIAN MALAYSIA	MUTIARA WANGI: INNOVATION TO REVITALIZE THE NATIONAL RAMBUTAN INDUSTRY
UNIVERSITI TEKNIKAL MALAYSIA MELAKA	OPTIDR-SIMULATOR
UNIVERSITI MALAYSIA PAHANG	FIBER BRAGG GRATING SYSTEM FOR ENGINEERING STRUCTURES HEALTH MONITORING
CHIHLEE UNIVERSITY OF TECHNOLOGY	FLAVORED EDIBLE RICE STRAWS
ERDWELLE TECHNOLOGY INC	MAGNETIC AND ALKALINE WATER PRODUCTION MACHINE BY ORTHOGONAL ELECTRIC FIELD
MULTIMEDIA UNIVERSITY	SPIKED STRIP GROUND ELECTRODES SYSTEM
KOLEJ UNIVERSITI ISLAM ANTARABANGSA SELANGOR	SADAQA HOUSE MODEL
ISLAMIC SCIENCE UNIVERSITY OF MALAYSIA	USIM QUALITY CARDIOPULMONARY RESUSCITATION TRAINING KIT (USIM Q-CAT KIT)
ASSOC. PROF. DR. MOHD YAZID BAJURI	MYB TRANSTIBIAL PROSTHETIC LIMB
UNIVERSITI PERTAHANAN NASIONAL MALAYSIA	SHOCK MITIGATION PANEL FOR EXTREME IMPACT APPLICATION (TELOC)



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UNIVERSITY OF MALAYA	LOW CARBON FOOTPRINT PRECAST CONCRETE PRODUCTS FOR AN ENERGY-EFFICIENT BUILT ENVIRONMENT THROUGH DEMONSTRATION PROJECTS
JINWEN UNIVERSITY OF SCIENCE AND TECHNOLOGY	COMPACT WIRELESS THROUGHPUT MEASUREMENT SYSTEM
INSTITUTE FOR MEDICAL RESEARCH (IMR), NATIONAL INSTITUTES OF HEALTH (NIH), MINISTRY OF HEALTH MALAYSIA	GENERATING THE EFFECTIVE REPRODUCTION NUMBER (RT) FOR THE COVID-19 PANDEMIC IN MALAYSIA USING THE MYR-NUMBER WEB APPLICATION
YU-JUN BIOTECHNOLOGY CO., LTD.	USE OF MIKANIA MICRANTHA EXTRACT
UNIVERSITI PUTRA MALAYSIA	CRISPRVAC CFUPMT27: A FOWL ADENOVIRUS VACCINE
UNIVERSITI TEKNOLOGI MALAYSIA	CARBOCON: MEMBRANE-MICROALGAE PHOTOREACTOR HYBRID FOR CO2 CONTROL AND UTILIZATION
UNIVERSITI TEKNOLOGI MARA	BIO-FATTY ACID METHYL ESTER PRODUCTION FROM GREEN MICROALGAE CULTIVATED USING SUNGAI SURA RUNNING WATER: DIRECT TRANSESTERIFICATION PROCESS
UNIVERSITY MALAYA	SCOLTECH – DIGITAL SCOLIOSIS DIAGNOSIS AND MONITORING DEVICE
UNIVERSITI PERTAHANAN NASIONAL MALAYSIA	SEISMIC WIRELESS RUBBER SENSOR (SWIRS)
SABA HIGHSCHOOL, DANESH 2 HIGHSCHOOL	PRODUCTION OF BUTYL GLUE USING RECYCLED WORN TIRES
UNIVERSITI TEKNOLOGI MARA (UITM)	EDUTAX101
FACULTY OF PHARMACY, UNIVERSITI TEKNOLOGI MARA	PROG: GET YOUR LIFESTYLE REVOLUTIONED!

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UNIVERSITI TEKNOLOGI MALAYSIA	LIQUID BIOPSY DEVICE FOR POTENTIAL NON-INVASIVE EARLY CANCER DETECTION
MULTIMEDIA UNIVERSITY	A SEAMLESS MOBILITY FOR VEHICLE TO VEHICLE COMMUNICATION
UNIVERSITI SAINS MALAYSIA	FACIAL CARE ELECTROTHERAPY MASK (FACE'S UP VERSION 2.0)
UNIVERSITI TEKNIKAL MALAYSIA MELAKA	DIABETIC RETINOPATHY CONSULTATION SYSTEM (DRCS)
TRANSWORLD UNIVERSITY	G-BABY
FACULTY OF COMPUTER SCIENCE AND IT, UNIVERSITI MALAYSIA SARAWAK	AUTOMATED VEHICLE CENSUS SYSTEM USING DEEP LEARNING
UNIVERSITI MALAYSIA PAHANG	INFAWRAP DEVICE
UNIVERSITI SAINS MALAYSIA	LIGNOMEMBRANE FOR URBAN WATER REUSE
UNIVERSITI TEKNOLOGI PETRONAS	MINI PORTABLE SOLAR STILL (MPSS)
UNIVERSITI TEKNOLOGI PETRONAS	INTELLIGENT MENTAL STRESS MONITOR (I-MSM)
UNIVERSITI TUN HUSSEIN ONN MALAYSIA	ECOSEA CONCRETE BLOCK
UNIVERSITI MALAYSIA PERLIS	PI- ASSISTANT: THE OPTIMAL PROMOTION IDEAS FOR RETAIL STORES
UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM)	ADIK ADIK SOLAT 2.0 3D AR : THE DEVELOPMENT OF AUGMENTED REALITY MOBILE LEARNING APPS TO ENHANCE LEARNING EXPERIENCE IN PRAYER TOWARDS EDUCATION 4.0
RAJAMANGALA UNIVERSITY OF TECHNOLOGY THANYABURI	CULTURE MODERN HOUSE

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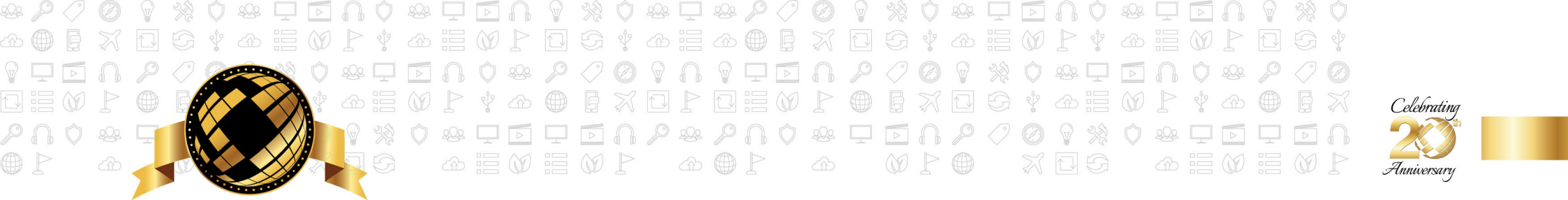
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COLLECTION LIGHT ENVIRONMENT ENERGY DEVELOP LIMITED COMPANY	SOLAR TRACKING OVENS
GRAPE KING BIO	USE OF LACTOBACILLUS BREVIS GKJOY FOR IMPROVING DEPRESSION
GRAPE KING BIO	CORDYCEPS CICADAE MYCELIA FOR THE AMELIORATION OF CATARACT
UNIVERSITI PUTRA MALAYSIA	VERSMAP
INSTITUT KEMAHIRAN MARA LUMUT	EXTENDABLE DRILLING DEVICE (EDD)
UNIVERSITI TEKNIKAL MALAYSIA MELAKA (UTEM)	PRECISION AGRICULTURE RECOMMENDER SYSTEM (PARS)
TURKISH INVENTORS AND INNOVATORS NETWORK	PREVACCUM MICROWAVE MEDICAL WASTE TREATMENT SYSTEM
UNIVERSITI TEKNOLOGI PETRONAS	CLATHRATE HYDRATE BASED SEAWATER DESALINATION REACTOR
UNIVERSITI TEKNOLOGI PETRONAS	LENFLOC
UNIVERSITI MALAYSIA PERLIS	DUAL-BAND CIRCULARLY POLARIZED TEXTILE ANTENNA FOR WLAN AND 4G HEALTHWEAR APPLICATIONS
1. ISLAMIC AZAD UNIVERSITY, 2. KHARAZMI UNIVERSITY 3. ISLAMIC AZAD UNIVERSITY 4. IMAM SADEGH HIGH SCHOOL, 5. REFAH K. BANK	PREPARATION AND EVALUATION OF NANO-MICRONUTRIENTS OF ZINC AND SILICA AND EVALUATION OF THEIR EFFECT ON GERMINATION AND PHYSIOLOGICAL PARAMETERS OF BASIL (OCIMUM CILIATUM L.)
UNIVERSITI TEKNOLOGI MARA (UITM)	KENAF-SORB: ADSORBENT OF HEAVY METALS FOR WATER POLLUTION CONTROL
UNIVERSITI TEKNOLOGI MARA	BUARI AND CHEN AH READING INVESTIGATION APPARATUS (BACARIA)

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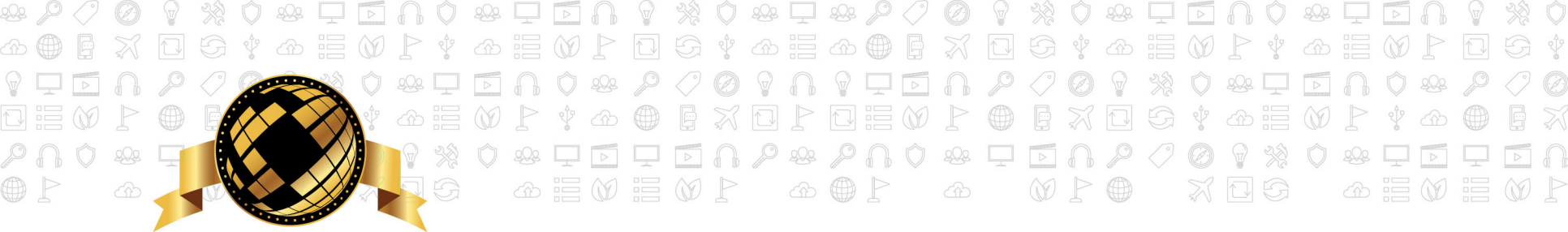
ORGANIZATION NAME	TITLE OF INNOVATION
INSTITUTE OF NANO ELECTRONIC ENGINEERING (INEE), UNIVERSITI MALAYSIA PERLIS (UNIMAP)	DUAL CORRELATION BIOSENSOR DIAGNOSTIC SYSTEM FOR EARLY DETECTION OF COVID-19 INFECTION AND HUMAN PAPILLOMAVIRUS
UNIVERSITI PERTAHANAN NASIONAL MALAYSIA	POLYURETHANE MODIFIED BITUMEN (PUMB): A SUSTAINABLE GREEN PAVEMENT
FACULTY OF ELECTRONIC ENGINEERING TECHNOLOGY	AFFORDABLE SPIN COATER FOR LABORATORY USAGE
UNIVERSITI TUN HUSSEIN ONN MALAYSIA	PERFORMA.MY- A SMART DIAGNOSTIC TOOL FOR MEASURING PROJECT PERFORMANCE
UNIVERSITI MALAYSIA PERLIS	DYCOS LIGHTBOARD STUDIO: AN INNOVATIVE ONLINE DISTANCE LEARNING APPROACH DURING COVID-19 PANDEMIC
MANAGEMENT AND SCIENCE UNIVERSITY (MSU)	HYPERLIPIDEMIA STUDY USING WONDER DRINK (HERBAL MIXTURE)
UNIVERSITI MALAYSIA SARAWAK	A ROAD THAT FLOWS STORMWATER
UNIVERSITI MALAYSIA SARAWAK (UNIMAS)	LOOK INTO YOUR EYE (EYE-DR APP)
UNIVERSITI MALAYSIA SABAH	M-SOLAT ROBOT MODULE
UNIVERSITI TEKNIKAL MALAYSIA MELAKA (UTEM)	HRPL: 6LOWPAN PROTOCOL ALGORITHM FOR IOT SMART HOME SYSTEM
TURKISH INVENTORS AND INNOVATORS NETWORK ASSOCIATION	WATER AXIDATOR SYSTEM (CHANGE WATER TO DISINFECTANT)
UNIVERSITI MALAYSIA PAHANG & CITY TECHNOLOGIES	BIODYSLEXIA
UNIVERSITI KUALA LUMPUR	PORFC: PORTABLE WEIGHT-BASED FUEL CONSUMPTION METER



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FACULTY OF VETERINARY MEDICINE, WARSAW UNIVERSITY OF LIFE SCIENCES - SGGW; INSTITUTE OF PHYSICS, POLISH ACADEMY OF SCIENCES	NEW GENERATION OF BIOCOMPATIBLE, MULTIMODAL MARKERS FOR DETECTION AND TREATMENT OF TUMOURS
UCSI UNIVERSITY	ISCANDIARET: AN ARTIFICIAL INTELLIGENCE SYSTEM POWERED BY MACHINE LEARNING AND COMPLEX FUZZY LOGIC FOR THE AUTOMATED DETECTION OF DIABETIC RETINOPATHY AND OTHER EYE DISEASES
UNIVERSITI PENDIDIKAN SULTAN IDRIS	I-KOAM (INOVASI- KIT OPERASI ASAS NOMBOR)
UNIVERSITI MALAYSIA PERLIS (UNIMAP)	SOIL NUTRIENT ASSESSMENT FOR PRECISION FARMING
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM)	RAPID PTERYGIUM ANALYSER (RPA)
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA	PROAQUA VCARE - PROBIOTIC FORMULATION FOR FEEDING SUPPLEMENTARY AND TREATMENT FOR SHRIMP AND FISH
UNIVERSITI MALAYSIA PERLIS	AUTOMATIC `KUIH KASTURI` MACHINE WHICH INCLUDE FORMING, COATING & FRYING PROCESS
UNIVERSITI PENDIDIKAN SULTAN IDRIS	CHESUTI (CHESS ISOMETRIC TRANSFORMATION)
QUEST INTERNATIONAL UNIVERSITY	ANTIFUNGAL TOPICAL TALCUM POWDER
UNIVERSITI MALAYSIA PERLIS	FIELD-EFFECT DEVICE (FED) FOR A.M.I. BIOMARKER DETECTION
UNIVERSITI MALAYSIA PERLIS	IOT BASED AIR POLLUTION MONITORING SYSTEM USING ESP8266
UNIVERSITI MALAYSIA PERLIS	SUPERHEALTH TURRET



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UNIVERSITI MALAYSIA PERLIS	DIELECTRIC MATERIALS MEASUREMENT SYSTEM
UNIVERSITI MALAYSIA PERLIS	PORTABLE NON-DESTRUCTIVE INTERNAL FRUIT DEFECT DETECTION SYSTEM
UNIVERSITI MALAYSIA PERLIS	EXPERIMENTATION OF THE COMBINATION OF THE ART OF PROJECTION VIDEO MAPPING AND HOLOGRAM IN INTRODUCING TENKOLOK PUTRA JULANG DARJAT
UNIVERSITI MALAYSIA PERLIS	MODIFIED SILICON NANOSTRUCTURES AS DIABETES MELLITUS SENSOR
UNIVERSITI MALAYSIA PERLIS	LOCATILE - TILE FOR THE FUTURE
UNIVERSITI TEKNIKAL MALAYSIA MELAKA	AUTOMATED LIGHTNING DETECTION SYSTEM FOR FLASH FLOOD MONITORING
UNIVERSITI MALAYSIA PERLIS	MUSHROOM POWDER SPAWN (SPOWDER): AN INNOVATIVE IN GREY OYSTER MUSHROOM REPRODUCTION
UNIVERSITI MALAYSIA PERLIS	MOBILE UNAIDED SUPERVISION CHAIR (MOVIS)
ALLAMEH TABATABAEI JUNIOR HIGH SCHOOL	UV-RESISTANT PLASTICS USING TITANIUM DIOXIDE/ZINC OXIDE NANOCOMPOSITES