

INVENTION & INNOVATION AWARDS 2019
MALAYSIA TECHNOLOGY EXPO 2019
 21-23 February 2019, PWTC Kuala Lumpur

SILVER MEDALIST

NO	ORGANIZATION, COUNTRY	INVENTOR/S	TITLE OF INVENTION / INNOVATION
1	DOK-ING D.O.O., CROATIA	VJEKOSLAV MAJETIC	GASIFICATION OF WASTE SLUDGE
2	PRIRODA LIJECI D.O.O., CROATIA	MIRJANA BRLECIC	NIKEL REMOVE CONTROL 365 CELLULITE
3	CITUS D.O.O., CROATIA	TOMISLAV BRONZIN	C@N MOTION SMART CUSTOMER/HUMAN ENGAGEMENT
4	ROSHDE NOO HIGH SCHOOL, IRAN	SINA EBRAHIMZADEH	SMART BED
5	INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM), MALAYSIA	ASSOC. PROF. DR. HAZRINA AB HADI, SHARIFAH SHAKIRAH SYED OMAR	A SKIN WHITENING COSMETIC FORMULATION
6	SIRIM BERHAD, MALAYSIA	AZRULNIZAM MAT, MOHD FADZLEE ZAINAL ABIDIN, MUHAMMAD NAZMI ROSLE, MOHAMAD FIRDAUS ROSLE, SITI MUNIRAH HASANALY, NUR IZZAH ABD AZES, NURUL HUDA YUSOFF, SHAMSUL AZROLSANI ABDUL AZIZ NAZRI	INNOVATIVE SOLAR POWERED STREETLIGHT WITH BUILT-IN LITHIUM-ION BATTERY AND COMPOSITE POLE
7	SIRIM BERHAD, MALAYSIA	DR. MOHD AFIAN OMAR, NOORSYAKIRAH ABDULLAH, NURAZILAH MOHD ZAINON, SHIRIN IBRAHIM, PROF. DR. HANAFI ISMAIL, MOHAMAD AZMIRRYUDDIN AHMAD, MUHAMMAD JABIR SULEIMAN@AHMAD	UTILIZATION OF REJECTED RUBBER GLOVE AS A BINDER SYSTEM FOR POWDER INJECTION MOULDING PROCESS
8	NATIONAL NANOTECHNOLOGY CENTRE DIVISION, MINISTRY OF ENERGY, SCIENCE, TECHNOLOGY, ENVIRONMENT AND CLIMATE CHANGE, MALAYSIA	ISMARUL NIZAM BIN ISMAIL, DR ABDUL KADIR BIN MASROM, RABI'ATUL ADAWIYAH BINTI ZAYADI, MUHAMMAD SOLLEHIN BIN IDRIS, JOSHUA SOO ZHEYAN, HO KAH CHUN, DR.ABDUL MUTALIB BIN MD JANI, ASSOCIATE PROFESSOR DR. KHAMIRUL AMIN BIN MATORI	NANO-PFTF: AN ELECTROSPUN NANO-PALM FROND TITANIA FIBER MEMBRANE FOR INDUSTRIAL WASTEWATER TREATMENT
9	UNISZA, MALAYSIA	ROSLAN UMAR, NUR ZULAIKHA MOHD AFANDI, NOR HAZMIN SABRI, SUHAILAN SAFEI, CHRISTIAN MONSTEIN	E-SOLAR : ONLINE SOLAR ALERT SYSTEM FOR CALLISTO SPECTRA

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10	MANAGEMENT & SCIENCE UNIVERSITY, MALAYSIA	SHAHRIZAL IDZUAN BIN WAHAB ABDUL RAHMAN, NURFATIN ATIKAH BINTI KAMARUDIN, NURUL HAZWANI BINTI SHAMSUDIN, SITI MARIAM BINTI MUHAMMAD ABDUL BASAR	TECHNOLOGICAL INNOVATION IN LEARNING ENGLISH FOR STUDENTS (TILES)
11	UNIVERSITI TEKNOLOGI MALAYSIA (UTM), MALAYSIA	PROF. DR. MUHD ZAIMI ABD MAJID, PROF. IR. DR. ROSLI MOHAMAD ZIN, PROF. DR. MOHD ROSLI HAININ, ASSOC. PROF. DR. ROZANA ZAKARIA, DR. EEYDZAH AMINUDIN, DR. HARYATI YAACOB, YAZLIN SALFIZA MOHD YAZID, CHE MUHAMMAD FATIHI HAFIFI CHE WAHID, SITI AZILAH MOHD AMIN, NORHALIZA HAMZAH, DATO SR. AZIZ ABDULLAH, IR. MAHDAN AHMAD, DR. NADZROL FADZILAH AHMAD, AZMAN MOHD JAIS	MALAYSIA GREEN HIGHWAY INDEX (MYGHI) WEB-BASED AND SYSTEM
12	UNIVERSITI MALAYSIA KELANTAN, MALAYSIA	DR. WAN KHAIRY BIN WAN IBRAHIM, PROF. DR. MOHD RAFI BIN YAACOB, DR. MOHD ASRUL HERY BIN IBRAHIM, DR. MOHD AZWAN BIN ABDULLAH, DR. MOHD NAZRI ZAKARIA, DR. MOHD IKHWAN BIN AZIZ, PROF. MADYA DR. MOHAMAD ISMAIL	MODEL LESTARI - INOVASI RUMAH BURUNG WALET
13	UNIVERSITI MALAYSIA SARAWAK, MALAYSIA	SUHAILA BINTI SAE, ANNABEL THIAN SIEW WENG, JOHARI BIN ABDULLAH	ENHANCEMENT OF VOTER TRACKING SYSTEM
14	UNIVERSITI MALAYSIA KELANTAN, MALAYSIA	DR. MOHAMAD FAIZ MOHD AMIN, NOR HAKIMIN ABDULLAH, MOHD SUKHAIRI MAT RASAT, KHAIRUL NIZAR SYAZWAN WAN SALIHIN WONG, MOHAMAD ASYRAF MOHD AMIN, MOHD HAFIZ JAMALUDIN	QUASEN -AQUACULTURE CLOUD-BASED WATER MONITORING SYSTEM
15	UNIVERSITI SAINS MALAYSIA, MALAYSIA	RAA KHIMI BIN SHUIB, HANAFI ISMAIL, MUHAMMAD KHALIL BIN MUHAMMAD@HARUN	MAGNETORHEOLOGICAL ELASTOMER - AN INNOVATIVE ANTI-VIBRATION RUBBER FROM WASTE MATERIALS

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16	UNIVERSITI SAINS MALAYSIA, MALAYSIA	PROF. IR. DR. SRIMALA SREEKANTAN, KHAIRUL ARIFAH SAHARUDIN, NORFATEHAH BASIRON, HONG KOK YONG	MYECO-POFA SHIELD :A REMEDY FOR FUNGI GROWING WORLD
17	UNIVERSITI MALAYSIA KELANTAN, MALAYSIA	NURZEHAN ABU BAKAR, ROSLIZAWATI CHE AZIZ, GHAZALI AHMAD, HAZZYATI HASHIM, SAIYIDA NAFISA ROSDI	GOFIT- AN INTEGRATED ONLINE PLATFORM FOR FREE INDEPENDENT TRAVELER (FIT) AND TEACHING AID FOR TOURISM COURSE
18	UNIVERSITI TEKNOLOGI PETRONAS, MALAYSIA	ASSOC. PROF. DR. MUHAMMAD MONIRUZZAMAN, PROF. DR. MOHAMED IBRAHIM ABDUL MUTALIB, SITI HAWATULAILA BAHARUDDIN, NOORUL ADAWIYAH MUSTAHIL, ATIKAH AINI ABDULLAH, DR. MAGARET A/P SIVAPRAGASAM, ASSOC. PROF. DR. CECILIA DEVI WILFRED	IONIC LIQUIDS FORMULATION AS AN ENVIRONMENTALLY FRIENDLY OIL DISPERSANT (DISPERSIL)
19	FAKULTI KEJURUTERAAN KIMIA & SUMBER ASLI, UNIVERSITI MALAYSIA PAHANG (UMP), MALAYSIA	MARIAH BINTI CHE MAMAT, MOHAMAD TAHFIZ BIN MOHAMAD TAJUDDIN	MERCURY SPILLAGE KIT (MERKIT)
20	UNIVERSITI SAINS MALAYSIA, MALAYSIA	DR. MOHD HAZWAN HUSSIN, NUR MASHITAH MUSTAFFA ALBASRE, TAN ZI HUI, TUAN SHERWYN HAMIDON, NUR FATIN SILMI MOHD AZANI, NUR HANIS ABD LATIF	PRIMECOAT: SMART CORROSION PROTECTION COATINGS FOR BUILDING AND CONSTRUCTION
21	UNIVERSITI MALAYSIA SARAWAK (UNIMAS), MALAYSIA	ASSOC. PROF. DR. CHIN SUK FUN, PROF. DR. PANG SUH CEM, DR. SAMUEL LIHAN	ANTIMICROBIAL STARCH-BASED FILM FOR FOOD PACKAGING APPLICATIONS
22	UNIVERSITI MALAYSIA PAHANG, MALAYSIA	NINA SUHAITY AZMI, ESSAM ABDELLATIF MAKKY, SITI NASIROH ISMAIL	BACTENINA: ADVANCED PROBIOTIC FORMULA

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23	UMCIL (UM) & INHART (IIUM), MALAYSIA	PROF. YATIMAH BINTI ALIAS, DR. ADEEB HAYYAN, PROF. HAMZAH MOHD SALLEH, DR. AMAL A.M. ELGHARBAWY, DR. MAAN HAYYAN, DR. KUMUTHINI CHANDRASEKARAM, DR. HANEE FARZANA BINTI HIZADDIN, PROF. ELWATHIG SAEED MIRGHANI, PROF. WAN JEFREY BASIRUN, DR. MOSTAFA YAHYA ETWADI, MS SHAHIDAH NUSAILAH RASHID, PROF. MOHD ALI HASHIM	REVOLUTION OF IONIC LIQUIDS AND EUTECTIC SOLVENTS FOR GREEN CHEMISTRY
24	UNIVERSITI SULTAN ZAINAL ABIDIN, MALAYSIA	NURNADIAH ZAMRI, ABD RASID MAMAT, KHAIRI CHE MAT, SYARILLA IRYANI AHMAD SAANY	ELECTRONIC MENTAL ASSESSMENT AND SELF-TREATMENT SYSTEM (E-MAST)
25	UNIVERSITY MALAYSIA PAHANG, MALAYSIA	ARUN GUPTA, BASHMA.Y.ALASHWAL, MOHAMED SAAD BALA, KHAIRATUN NAJWA BINTI MOHD AMIN, ROSLI MOHD YUNUS	A NOVEL FORMULATION OF BIOPLASTIC USING KERATIN PROTEIN FROM CHICKEN FEATHERS AND NANO CELLULOSE
26	UNIVERSITI MALAYSIA PAHANG, MALAYSIA	IESZALIANA BINTI ALI	COCO-SHELL PILE FOUNDATION (CPF): A TECHNOLOGY FOR SUSTAINABLE CONSTRUCTION
27	INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA, MALAYSIA	IBRAHIM ABU BAKAR, MUHAMMAD NOR OMAR, AMIRA FARHANA AZIZAN	PLANT FIBRE BASED BURGER TOWARD GLOBAL HEALTHY PLATE
28	MANAGEMENT AND SCIENCE UNIVERSITY, MALAYSIA	PROF. DR NOORITAWATI MD. TAHIR, VINCENT LIM THEN SEAN, MR. AMMAR AHMED MOHAMMED ALI, DR. OMAR ISMAEL IBRAHIM, DR. M. N. MOHAMMED	NON-LINER SVM IN AUTONOMOUS VEHICLES
29	MANAGEMENT AND SCIENCE UNIVERSITY, MALAYSIA	NURUL HAZWANI BINTI SHAMSUDIN, ASRA ZARINA BINTI ASBOLLAH, YUS HAMYUS BIN HASHIM, ABDULLAH PIRUS BIN LEMAN, NURFATIN ATIKAH BINTI KAMARUDIN	HACKING THE SCIENCE OF CELL DIVISION
30	INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM), MALAYSIA	ASST. PROF. DR. ALMONEM DOOLAANEA, MUHAMMAD SALAHUDDIN BIN HARIS @ HARITH, HAMZEH ALKHATIB, KHAIRUL IKHWAN YAAKOB, AHMAD ZAITER	METHOD AND APPARATUS FOR AUTOMATING LABORATORY TESTS

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31	JABATAN PENGAIRAN & SALIRAN MALAYSIA, MALAYSIA	DATIN ROHANI, DATO' DR NASEHIR KHAN, DR NORLIDA, EN AZMAN, PUAN ZALIFFAH	MOBILE FLOOD WALL BARRIER (NADI)
32	SCHOOL OF PHARMACEUTICAL SCIENCES, UNIVERSITI SAINS MALAYSIA, MALAYSIA	DR. YAM MUN FEI, TAN CHU SHAN, LOH YEAN CHUN, MOHD. ZAINI ASMAWI, MARIAM AHMAD	MULTI-PATHWAY ANTI-HYPERTENSIVE AGENT: ABBT
33	INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM), MALAYSIA	ASST. PROF. DR. ZURAINIE ABLLAH, ASST PROF DR MOHD RUSHDI HJ ABU BAKAR	VCO DENTAL VARNISH
34	UNIVERSITI MALAYSIA KELANTAN, MALAYSIA	DR. MOHAMMAD AMIZI AYOB, EN MOHAMAD SA 'ARANI BIN MHD ZIN, PROF. DR. IR. AHMAD ZIAD BIN SULAIMAN, DR ZUL ARIFF BIN ABDUL LATIFF	ECP (EVERYBODY CAN PROPAGATE) G-TECHNIQUE
35	UNIVERSITI KUALA LUMPUR, MALAYSIA	DR. HELMI ADLY BIN MOHD. NOOR, DR. DAYANA FARZEEHA ALI, PROF. TS. DR. FAAIZAH BINTI SHAHBODIN, DR. CHE KU NURAINI BINTI CHE KU MOHD, DR. SHARIFAH NADIYAH BINTI RAZALI, ZAREENA BINTI ROSLI	AUTISM KITS: VI-PER GAMES
36	SIRIM BERHAD, MALAYSIA	SITI NURSYAZANA MD SALLEH, AHMAD HAZRI AB. RASHID, NUR ELLINA AZMI, MAIZATUL NADIAH BINTI OTHMAN	HYDRATING BIOCELLULOSE FACEMASK WITH NATURAL ACTIVE
37	UNIVERSITI MALAYSIA KELANTAN, MALAYSIA	DR. ZUBAIDAH AIMI ABDUL HAMID, PROF. MADYA DR. JULIE JULIEWATTY BINTI MOHAMED, ENCIK KHAIRUL NIZAR SYAZWAN BIN WAN SALIHIN WONG, EN. MAZLAN MOHAMED, AIDIL AZWA AB GHANI	ENHANCEMENT THE EFFICIENCY OF SILICONE BASED ANTIFOAM
38	MALAYSIAN PALM OIL BOARD (MPOB), MALAYSIA	DR MAIZATUL SURIZA MOHAMED, DR IDRIS ABU SEMAN, MADIHAH AHMAD ZAIRUN	RAPID MOLECULAR DIAGNOSTIC KIT FOR DETECTION OF PATHOGENIC PHYTOPHTHORA

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39	INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM), MALAYSIA	ASSOC. PROF. DR. AFZAN BINTI MAT YUSOF, DR. MOHD HISHAMMFARIZ BIN MOHD AMIN, ASSOC. PROF. DR. MUHAMMAD LOKMAN BIN MD ISA, MOHD YUSDI YUSOF	A FEED COMPOSITION OF A RUMINANT
40	UNIVERSITI MALAYSIA PAHANG, MALAYSIA	DR. MOHAMAD HEERWAN BIN PEEIE, MOHAMMED HAYYAN ALSIBAI, MUHAMMAD SOLLEHUDIN BIN IBRAHIM, SALMA BINTI YAAKUB, MUHAMMAD ZULHILMI BIN ISMAIL, MUHAMMAD ASYRAF BIN SHAHROM	IOT ENHANCED AUTONOMOUS WHEELCHAIR
41	UNIVERSITI SAINS MALAYSIA, MALAYSIA	NUR INTAN RAIHANA RUHAIYEM, SASITHARAN MAHALINGAM	SMART AND FLEXIBLE MOBILE DICTIONARY
42	UNISZA, MALAYSIA	PROF. MADYA DR MOHAMAD RAZALI ABDULLAH, PROF. MADYA DR. HAFIZAN JUAHIR, PROF. DR. ZAHARI TAHA, SALMAN LAMBAK, AHMAD BISYRI HUSIN MUSAWI MALIKI, RABIU MUAZU MUSA, NORLAILA AZURA KOSNI, SITI MUSLIHA MAT RASID, MUHAMMAD RABANI HASHIM, AMR ALNAIMAT, SITI NORASHIDA MOHD RASHID	INTELLIGENT SPEED TRAP INFORMATION SYSTEM (ISTIS)
43	UNIVERSITI MALAYSIA KELANTAN (UMK), MALAYSIA	DR MOHD HAFIZIE SUHAIMI, DR DZULKIFLI MUKHTAR, DR MUHAMMAD NAQIB MAT YUNOH, MS NURUL NADZIRAH SIDEK, MR MAHATHIR MUHAMAD	NATURAL ANIMAL MONITORING SYSTEM (NAMOS)
44	MARDI, MALAYSIA	KOH SOO PENG, SHAZWAN ABDUL SHUKOR, SEW YUN SHIN, SHAIFUL ADZNI SHARIFUDIN, NORHAZNIZA AZIZ, NUR DIAYANA ALYAS, SYAHIDA MAAROF, ROSMAWATI ABDULLAH, NUR SYAZWANI ABDUL HAMID, RAZALI MIRAD, RAZALI MUSTAFFA	SCOPY JACKFRUIT BEVERAGE: A POTENTIAL ANTI-OBESITY THERAPEUTIC PRODUCT

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45	UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM), MALAYSIA	ASSOC. PROF. DR. MOHD FADZELLY BIN ABU BAKAR, FAZLEEN IZZANY BINTI ABU BAKAR, PROF. DR. SUSI ENDRINI, DR. NORAZLIN ABDULLAH, MUHAMMAD IKROM BIN AZMAN	ANTI-GOUT POTENTIAL OF EUPHORBIA HIRTA (ARA TANAH)
46	PUSAT KESELAMATAN SIBER, MALAYSIA	NUR DIYANA BINTI KAMARUDIN, SYARIFAH BAHYIAH RAHAYU, AFIQAH BINTI MOHAMAD AZAHARI, ARNIYATI BINTI AHMAD, MOHD HAZALI MOHAMED HALIP	BEASmart: SMART LIBRARY SYSTEM USING BEACON
47	UNIVERSITI TEKNOLOGI MALAYSIA, MALAYSIA	DR NURBIHA A SHUKOR, DR. ANA HAZIQAH A RASHID, PROF. DR. ZAIDATUN TASIR	GOREASON: ONLINE COLLABORATIVE LEARNING SYSTEM FOR REASONING SKILLS
48	UNIVERSITI MALAYSIA KELANTAN, MALAYSIA	NOORAZIAH AHMAD, AZMUL FADHLI KAMARUZAMAN, MOHD YUSRI MOHD NASER, MOHD FIRDAUS MAHAMAD ALI, AHMAD RASDAN ISMAIL	AESTECH STOOL
49	DEPARTMENT OF MANUFACTURING AND MATERIALS ENGINEERING, KULLIYAH OF ENGINEERING, INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA, MALAYSIA	ZURAI DA AHMAD, MAISARAH TAJUDDIN, ZAHURIN HALIM, NURIZAN OMAR	BIODEGRADABLE SANITARY PAD : GREEN SOLUTION IN MENSTRUAL HYGIENE
50	UNIVERSITI PENDIDIKAN SULTAN IDRIS, MALAYSIA	AISYAH BINTI MOHAMAD SHARIF, LEE TIEN TIEN, NURULSAIDAH ABDUL RAHIM, SUZALIZA MUSTAFAR, MOHAMAD SAUFI ROSMI, UMI AZURA MD ZAIN, ZURIN MAHMOOD, ONG SUU WAN	LECTROFUN 2.0 : AN ELECTROCHEMISTRY EXPERIMENTAL KIT
51	UNIVERSITI PERTAHANAN NASIONAL MALAYSIA, MALAYSIA	MOHAMMED ALIAS YUSOF, VIKNESWARAN MUNIKANAN, SITI NOR KAMARIAH ISMAIL, MUHAMAD AZANI YAHYA, MUHAMAD AZANI YAHYA	SURVIVAL WATER FILTER USING DRIED TURMERIC FILTRATION
52	INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM), MALAYSIA	SAIFUL FARIK BIN MAT YATIN, RAHIMI BIN MD SAAD, FADZIDAH BINTI ABDULLAH, NURHAYATI BT ABDUL MALEK, AZRIN BIN MOHD DIN	VERSATILE READING KIOSK

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53	AGENSI NUKLEAR MALAYSIA, MALAYSIA	AZUHAR BIN RIPIN, PROF.MADYA DR.FAIZAL BIN MOHAMED, DR. MOHD IDZAT BIN IDRIS, DR. HUSAINI BIN SALLEH, MOHD KHALID BIN MATORI	SMART RADIATION SHIELDING MATERIALS (MULLITE- BARITE CERAMIC) DERIVED FROM MALAYSIAN KAOLIN
54	INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM), MALAYSIA	ASST. PROF. IR. DR. MOHD FAIRULLAZI AYOB, PROF. SR. DR. KHAIRUDDIN ABDUL RASHID	A METHOD AND SYSTEM FOR ROAD PAVEMENT LIFE CYCLE COST ANALYSIS
55	UNIVERSITI TEKNOLOGI MARA, MALAYSIA	ASSOC. PROF. DR. TAN WINIE, FADIATUL HASINAH BT MUHAMMAD, NURUL ALISA YASMIN BT MOHD RAZAMIN, FARISH IRFAL BIN SAAID, AKMAL ARSYAD BIN MOHD RAFFI	NEXT-GENERATION ENERGY HARVESTING DEVICES
56	UNIVERSITI TEKNOLOGI MARA (UITM) AND ROBOPRENEUR SDN BHD, MALAYSIA	ASSOC. PROF. DR HANAFIAH YUSSOF, ASSOC. PROF. DR FAZAH AKHTAR HANAPIAH, DR. SYAMIMI SHAMSUDDIN, MOHD AZFAR MISKAM	ROBOT-MEDIATED TELE-REHABILITATION SYSTEM FOR AUTISM THERAPY
57	ELECTRICAL ENGINEERING FACULTY, UITM SHAH ALAM, MALAYSIA	TS DR SUZI SEROJA SARNIN, MOHAMAD YAZID MOHAMAD, MOHD YUSDEE YUSOFF, TS PM DR NORSUZILA YA'ACOB, FAKHRURRAZI ABDUL RAHIM	9-BEAMS RF ANTENNA SOLUTIONS FOR CAPACITY IMPROVEMENT IN INDOOR ENVIRONMENT
58	INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM), MALAYSIA	ASSOC. PROF. DR. HAZRINA AB HADI, MUHAMMAD IZZUDDIN ZAMERY	A DEODORANT COMPOSITION
59	INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA, MALAYSIA	PROF NASSERELDEEN A KABBASHI, PROF. HAMZAH MOHD SALLEH, ASOOC. PROF. DR. SARINA SULAIMAN	A METHOD OF PRODUCING BIODIESEL FROM SLUDGE PALM OIL IN PILOT SCALE
60	UNIVERSITI MALAYSIA PAHANG, MALAYSIA	MOHAMMED ABDO HASHEM ALI, MUSA MAILAH	AUTONOMOUS ROAD MARKS PAINTING SYSTEM

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61	UNISZA, MALAYSIA	PROF. MADYA DR MOHAMAD RAZALI ABDULLAH, PROF. MADYA DR. HAFIZAN JUAHIR, PROF. ZAHARI TAHA, NORLAILA AZURA KOSNI, SITI MUSLIHA MAT RASID, AHMAD BISYRI HUSIN MUSAWI MALIKI, RABIU MUAZU MUSA, MUHAMMAD RABANI HASHIM, AMR ALNAIMAT, SITI NORASHIDA MOHD RASHID	SMART BODY MOTION DETECTOR DEVICES (SBMDDS)
62	UNIVERSITI PERTAHANAN NASIONAL MALAYSIA, MALAYSIA	HJ. HASAN AL-BANNA BIN MOHAMED, SITI ARNI BT. BASIR, JOHN DAVIES, SHARIFAH HAYAATI SYED ISMAIL AL-QUDSY, ILHAAMIE ABDUL GHANI AZMI	A MANUAL OF QMS ISO 9000 IMPLEMENTATION IN SERVICE SECTOR: TOWARDS EXCELLENCE & INNOVATION
63	ILP KOTA KINABALU, SABAH, MALAYSIA	NORSHAFULRIZAL BIN JOHOR, MOHD KHALID BIN MOHD AB KAHAR, JUPILI BIN WAIMIN, RAHMAN BIN NUR, MOHD AZMAN BIN MOHD JAMAL	ILPKK IXTALL FLANGES ALIGNMENT
64	UNIVERSITY COLLEGE OF TECHNOLOGY SARAWAK, MALAYSIA	ASSOC. PROF. DR. IR. A. RAZAK BIN YAACOB, ASHRAF BIN A. RAZAK	OHMIC HEATING TEST TOOL
65	POZNAN UNIVERSITY OF TECHNOLOGY, POLAND	WARGUŁA LUKASZ, WIECZOREK BARTOSZ, KUKLA MATEUSZ	MODIFICATION KIT FOR THE HYBRID ELECTRIC-MANUAL WHEELCHAIR DRIVE SYSTEM
66	INSTITUTE OF BIOPOLYMERS AND CHEMICAL FIBRES, UNIVERSITY OF GDANSK, COMMERCE AND SERVICE ENTERPRISE, POLAND	PROF. ADRIANA ZALESKA-MEDYNSKA, WITOLD DYTRYCH, PROF. KRYSZYNA WRZESNIEWSKA-TOSIK, TOMASZ MIK, TOMASZ KOWALEWSKI	ECO FRESH II DEVICE FOR REMOVING FAT FUMES, VOLATILE ORGANIC COMPOUNDS AND MICROORGANISMS
67	KING ABDULAZIZ UNIVERSITY, DEPARTMENT OF CLOTHING AND TEXTILES, SAUDI ARABIA	SAJA BIN AFIF, DR. AMANI ADNAN AQEEL	PORTABLE MASSAGE
68	KING ABDULAZIZ UNIVERSITY, SAUDI ARABIA	DR. NADA MOHAMED JAMEEL BRENGY	SAFETY SEWAGE AND WATER TANKS COVER

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69	KING ABDULAZIZ UNIVERSITY, SAUDI ARABIA	DR. NADA MOHAMED JAMEEL BRENGY	FOLDABLE TOILET CHAIR
70	KING ABDULAZIZ UNIVERSITY, SAUDI ARABIA	DR. NADA MOHAMED JAMEEL BRENGY	FOLDABLE TOILET GUARD RAILS
71	N/A, TAIWAN	TUNG-HSING SHIH	VEINS COLORING METHOD
72	NATIONAL PINGTUNG UNIVERSITY OF SCIENCE AND TECHNOLOGY, TAIWAN	TSAI PI-JEN	BOLI-ZYME- A NOVEL PRODUCT WITH HIGH SOD-LIKE FROM DJULIS (CHENOPODIUM FORMOSANUM)
73	AIR FORCE INSTITUTE OF TECHNOLOGY, TAIWAN	UZU-KUEI HSU, CHANG-HSIEN TAI	A SOLAR CHIMNEY WIND POWER SYSTEM WITH AUGMENTED PILOT TUBE AND UNDERGROUND CONCENTRATING
74	NAN JEON UNIVERSITY OF SCIENCE AND TECHNOLOGY, TAIWAN	SHIH-HSIEN LIN, CHI-YU YU, CHIA-LU WENG, CHING-LING CHANG, SHIH-YI CHANG, JAI-PEI LIN	DEVICE WITH AUTOMATIC SAFETY SENSOR
75	AIR FORCE INSTITUTE OF TECHNOLOGY, TAIWAN	CHIA-WEI HSU, UZU-KUEI HSU, CHANG-HSIEN TAI	NATURAL QUICKLY STARTING FOR A VERTICAL- AXIS WIND TURBINE IN WEAK WIND SPEED