

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

GOLD MEDALIST

NO	ORGANIZATION, COUNTRY	INVENTOR/S	TITLE OF INVENTION / INNOVATION
1	FAKULTET KEMIJSKOG INZENJERSTVA I TEHNOLOGIJE, SVEUCILISTE U ZAGREBU, CROATIA	MATIJA GREVIC, GORDANA MATIJASIC, ANNA POROPAT, JOSIP VINCIC	SUPER-H CAPSULE – MULTICOMPARTMENTAL 3D PRINTED CAPSULE FOR CONTROLLED DRUG DELIVERY
2	IRTI, IRAN	YASER KHATIBI	AMOLE GREEN THERAPIST
3	MEHR AVAL HIGHSCHOOL, SOLALEH HIGHSCHOOL, IRAN	ALIREZA TAFTEH, VANIA RESHAD KOUCHESFAHANI	EARTHQUAKE FORECASTING SYSTEM
4	IRTI, IRAN	AMIR AGHAJANI	HERBAL REMEDY FOR BIN AND SHAROT ( A MEDICINE FOR DIABETES )
5	IRTI, IRAN	SEYED MOHAMMAD HASSANI	HERBAL SHAMPOO
6	SOLALEH HIGH-SCHOOL, IRAN	NADIA NOORI, ASAL GHOSEIRI, DORSA FEYZABADI, SARA RAFATI	INDUSTRIAL WASTE WATER TREATMENT SYSTEM USING PNEUMATIC AND MEMBRANE FILTERING
7	SOLALEH HIGH-SCHOOL, IRAN	HELIA YEGANI, MELIKA KAZEMIRAD, HASTI MOHAMADZADE	OPTIMUM HYDROGEN PRODUCTION SYSTEM
8	ROSHDE NOO HIGH SCHOOL, IRAN	SINA EBRAHIMZADEH	SMART BED
9	UNIVERSITI KEBANGSAAN MALAYSIA MEDICAL CENTRE, MALAYSIA	PROF. MADYA DR. MOHD YAZID BAJURI, PROF. IR. DR. AHMAD KAMAL ARIFFIN MOHD IHSAN, DR. MUHAMMAD FATHI HAYYUN, DR. NAZATUL SHIMA NAYAN	FUTURE ANKLE HINGED FIXATOR: AN APPROACH FOR ANKLE INJURIES
10	UNIVERSITI TEKNOLOGI PETRONAS, MALAYSIA	ASSOC. PROF. DR. AHMAD MAJDI ABDUL RANI, MUHAMMAD NURSHAFIQ RAMLI, AHMAD AMINUDIN FERDAUS ABDULLAH, NABIL FIKRI, FARIS HAZIM ZULKEPLE	SLIP-ON SPROCKET
11	ILP KOTA KINABALU, SABAH, MALAYSIA	DOMEKI BIN PILIM, DAYHIAN BIN MOHAMAD DAHLAN @ PUSA, ALDEE BIN SAID, HAIDAH BINTI SARAN, OTHTMAN BIN ABU HASSAN	ILPKK MULTI COMPASS KITS

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12	UNIVERSITI TEKNOLOGI PETRONAS, MALAYSIA	ASSOC. PROF. IR. DR. HISHAM BIN MOHAMAD, MUHAMMAD FARID GHAZALI, BALARABE WADA ISAH, ANG KOH AN, CHONG MUN FAI	SMART GEOPIPE – FIBRE OPTIC INCLINOMETER SENSOR FOR LANDSLIDES AND GROUND MOVEMENT DETECTION
13	UNIVERSITI MALAYSIA KELANTAN, MALAYSIA	PROF. IR. TS. DR. AHMAD ZIAD BIN SULAIMAN, PROF. DATO' IR. TS. DR. BADHRULHISHAM ABD AZIZ, ASSOC. PROF. DR. NOOR AZLINA BINTI IBRAHIM, ASSOC. PROF. DR. JULIE JULIEWATTY BINTI MOHAMED, DR. MARDAWANI BINTI MOHAMAD, DR. SITI ROSHAYU BINTI HASSAN, DR. AINI HAYATI BINTI ABDUL RAHIM, DR. ABDUL HAFIDZ BIN YUSOFF, DR. MOHAMMAD AMIZI BIN AYOB, TS. WAN AZLEE BIN WAN ABDULLAH	A NOVEL ENCAPSULATED SOFT GELATIN CAPSULE FROM COMBINATION OF STINGLESS BEE HONEY, OLIVE OIL AND BLACK SEED OIL FOR PHARMACEUTICAL AND NUTRACEUTICAL APPLICATIONS
14	UNIVERSITI PENDIDIKAN SULTAN IDRIS, MALAYSIA	DR. FARIDAH HANIM BINTI YAHYA, DR. SYAZA HAZWANI BT ZAINI, PM DR. MAHIZER BIN HAMZAH, DR. ABU BAKAR BIN IBRAHIM, ZAHISHAM BIN YUSOF	VIDEO TUTORIAL SCREENCAST SKETCHUP MAKE FOR VISUAL SPATIAL SKILLS AND LEVEL OF GEOMETRICAL THINKING
15	UNIVERSITI TEKNOLOGI MARA, MALAYSIA	MOHAMAD HAFIZ BIN MAMAT, AHMAD SYAKIRIN BIN ISMAIL@ROSDI, WAN ROSMARIA BINTI WAN AHMAD, NORFARARIYANTI BINTI PARIMON, MUHAMAD FATHI BIN MOHD SHUKRI	HUMIDITY SENSOR BASED ON CORAL REEF SURFACE INSPIRED ZNO,SNO2 HETERO-NANOPARTICULATED FILM
16	UNISZA, MALAYSIA	KHAMSAH SURYATI MOHD, NALINI ARUMUGAM, ABD JAMIL ZAKARIA, MOHD YUSUF AHMAD, NUR BASYIRAH MD ZIN, AZIERAH AZEMIN, MUHAMMAD MUSLIM MOHD RODI	PROPOPLUS: TRIGONA BEAUTY
17	INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM), MALAYSIA	ASSOC. PROF. DR. AILIN RAZAL, DR. TANG HOWE HING, DR. HAU YUAN WEN, MUHAMMAD MAWADDI BIN MOHAMMAD ABDUL QAHR,	INTELLIGENT HEARING PROTECTION DEVICE FOR INDUSTRIAL WORKER
18	INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM), MALAYSIA	PROF. DR. AZURA AMID, ZATUL IFFAH MOHD ARSHAD	AN ANTI-TUMOUR COMPOSITION

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19	UNIVERSITI MALAYSIA SARAWAK, MALAYSIA	CHUAH KEE MAN, RADINA BINTI MOHAMAD DELI, CH'NG LOOI CHIN, NOORHASLINA BTE SENIN	NIEARA: GAMIFIED LITERACY APP FOR CHILDREN WITH LEARNING DISABILITIES
20	UNIVERSITI MALAYSIA PAHANG, MALAYSIA	PROF. DR. HAYDER A. ABDULBARI, ESMAIL A. M. BASHEER	HUMAN HAIR DRIVEN EXTRACTIVE SEAWATER DESALINATION CHIP
21	UNIVERSITI SAINS MALAYSIA, MALAYSIA	NOR SHAFRIN BINTI AHMAD, SHAMSHUL AZURA BIN MD YUSOF, RAHIMI BINTI CHE AMAN	MODUL TASMAR TERAPI SENI PENGURUSAN KEMARAHAN REMAJA
22	UNIVERSITI TEKNOLOGI MARA, SHAH ALAM, SELANGOR, MALAYSIA	NURLAILA BINTI ISMAIL, NOR AZAH MOHD ALI, MOHD HEZRI FAZALUL RAHIMAN, SAIFUL NIZAM TAJUDDIN, MOHD NASIR TAIB	GAHARU OIL QUALITY DISRIMINATOR
23	UNIVERSITI SAINS MALAYSIA, MALAYSIA	ZURaida ZAINUN, FATIMAH DESA, ROSLI ZAKARIA, AIDA FADRIAH HJ MISTIRAN	BAL EX QUICK BALANCE
24	UNIVERSITI SAINS MALAYSIA, MALAYSIA	NORILMI AMILIA ISMAIL, SITI HARWANI MD YUSOFF, AHMAD FAIZUL HAWARY, 'AIFFAH MOHD ALI, MUHAMMAD AZWAN NASIRUDIN	INNOVATIVE CANSAT KIT FOR EDUCATION (I-CAKED)
25	UNIVERSITI MALAYSIA PAHANG, MALAYSIA	KHAIRUNISA MUTHUSAMY, SHARIZA MAT ARIS, ROSLINA OMAR, SURYATI SULAIMAN, NORASHIKIN KHAIRUSSALEH, MOHAMAD SAFWAN JAAFAR, NILI WAHIDA AZHAR	CLIN BRICK : WASTE TO WEALTH
26	MALAYSIAN PALM OIL BOARD (MPOB), MALAYSIA	DR. IDRIS ABU SEMAN, DR. MAIZATUL SURIZA MOHAMED, MRS MADIHAH AHMAD ZAIRUN, MS NUR HAILINI ZAINOL HILMI	DIAGNOSTIC KIT FOR DETECTION OF PATHOGENIC GANODERMA USING PCR TECHNOLOGY
27	UNIVERSITI MALAYSIA PAHANG, MALAYSIA	ASSOC. PROF. DR. SAIFUL NIZAM BIN TAJUDDIN, MOHD SYAFIK BIN MOHAMAD HAMDAN, CHE MOHD AIZAL BIN CHE MOHD, DR. SAIFUL ANWAR BIN CHE GHANI, DR. AIZI NUR MAZILA BINTI RAMLI	LOUDINO: HIGH QUALITY AGARWOOD INDUCER
28	INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM), MALAYSIA	ASST. PROF. DR. ABD HALIM BIN EMBONG, ASSOC. PROF. IR. DR. SALMIAH BINTI AHMAD, NURUL NAFISAH BINTI KAMIS	SPHERICAL ROBOT
29	MS-PRINT, MALAYSIA	CHONG HUI MAY, CHONG HUI JANE, CHONG TECK CHOY, POH PO LENG	ECO-CUP

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30	UNIVERSITI SULTAN ZAINAL ABIDIN (UNISZA), MALAYSIA	MOHD KHAIRUL AMRI BIN KAMARUDIN, ROSLAN BIN UMAR, NOR HAZMIN BINTI SABRI, MUHAMMAD HAFIZ BIN MD SAAD, SITI NUR DIANAH BINTI ABDUL RAHMAN	EMR SUPPRESSOR DESIGN FOR PHONE COVER
31	SIRIM, MALAYSIA	DR MOHD NIZAM ABDULLAH, MUHAMMAD ZAWAWI SAMSUDDIN, MOHD KHAIRI KHALID	HARMONISATION OF COEFFICIENT MEASUREMENT THROUGH MYRM TRANSMITTANCE IN MALAYSIA
32	UNIVERSITI PENDIDIKAN SULTAN IDRIS, MALAYSIA	ASSOC. PROF. TS. DR. TAN WEE HOE, FADILAH ABDUL RAUF, MOHD HAFIZ MALIK	FAR CREATIVE COLOURING SCANNER
33	INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM), MALAYSIA	PROF. DR. AZURA BINTI AMID, MAS MUNIRAH MAHYUDDIN	A PROCESS FOR PRODUCING SOY SAUCE USING BROMELAIN
34	MANAGEMENT & SCIENCE UNIVERSITY, MALAYSIA	DR NURZAFIRAH BINTI MAZLAN	AKUARIZ GAMAT EXTRACT
35	POLITEKNIK KUCHING SARAWAK (PKS), MALAYSIA	DONALD ANAK JUAN, ZERDDRIE ANAK EDWARD, MARCOS MAXWELL AK JUBLI, JEFFREYSON BENGGING JISON, NETHANIEL TUTONG ANAK UBAM, AZMI BIN AHMAD	PRODUCTION OF BIODEGRADABLE PLASTICS FROM MANIHOT ESCULENTA (TAPIOCA) PEEL
36	UNIVERSITI TEKNOLOGI PETRONAS, MALAYSIA	ASSOC. PROF. DR. MOHD HARIS MD. KHIR, ASSOC. PROF. DR. GUNAWAN WITJAKSONO, ASSOC. PROF. IR. DR. ROSDIAZLI IBRAHIM	WIFI/GPS BASED INDOOR/OUTDOOR PERSONNEL LOCATOR (INSIGNE) USING ADAPTIVE MACHINE LEARNING
37	UNIVERSITI MALAYSIA SARAWAK (UNIMAS), MALAYSIA	IR. DR ABDUL RAZAK ABDUL KARIM, IR. DR. NORAZZLINA M. SA'DON	AN IMPROVED PROCEDURE OF BOLTED TIMBER CONNECTION DESIGN FOR THE MASONRY BUILDING STRENGTHENING PURPOSES
38	UNIVERSITI TEKNOLOGI PETRONAS, MALAYSIA	ASSOC. PROF. DR. LAU KOK KEONG, DR. TAY WEE HORNG, PROF. DR. AZMI BIN MOHD SHARIFF	COMPACT ULTRASONIC ABSORPTION SYSTEM (CUAS) FOR EFFICIENT GASEOUS SEPARATION
39	UNIVERSITI MALAYSIA KELANTAN, MALAYSIA	PALSAN SANNASI ABDULLAH, KHAIRUL AZIZI RAMLI, SITI HANISAH ABDULLAH, ABDA JAMIL SHAHARAN, NOR ASFALIZA ABDULLAH	ACTIV-BIOCARBON DERIVED CHARCOAL FACE MASKER

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40	MALAYSIAN AGRICULTURAL RESEARCH AND DEVELOPMENT INSTITUTE, MALAYSIA	DILIPKUMAR MASILAMANY, MOHD SHAHRIL SHAH MOHAMAD GHAZALI, AZZAMI ADAM MUHAMAD MUJAB, RAHINIZA KAMARUZAMAN, CHUAH TSE SENG	CLEARWR: SUSTAINABLE METHOD TO CONTROL WEEDY RICE
41	NET-CITY COMPUTER TECHNOLOGIES SDN BHD, MALAYSIA	MANODH MOHAN	SALESFOKUZ
42	UNIVERSITI PENDIDIKAN SULTAN IDRIS, MALAYSIA	MOHD HASSAN BIN ABDULLAH, MOHD AZAM BIN SULONG, MUHAMAD HAFIFI BIN MOKHTAR, CHAMIL ARKHASA NIKKO BIN MAZLAN,	TIMBRE TUNER: TUNING MUSICAL TIMBRE OF MALAYSIAN TRADITIONAL MUSICAL INSTRUMENTS.
43	UNIVERSITI MALAYSIA PAHANG, MALAYSIA	PROFESSOR DR. ROSLI MOHD YUNUS, ASSOCIATE PROFESSOR DR. AZHARY HAMID NOUR, DR. SITI KHOLIJAH ABDUL MUDALIP, MR. MOHD ARMAN BIN ABDUL KADIR	A NEW OIL BASED CO-SURFACTANT FOR TRANSPORTATION OF HEAVY CRUDE OILS IN PIPELINES
44	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	A FEED COMPOSITION COMPRISING NAPIER SILAGE
45	CENTRE OF ADVANCED PROCESS SAFETY, UNIVERSITI TEKNOLOGI PETRONAS, MALAYSIA	PROF. DR. AZMI MOHD SHARIFF, ASSOC. PROF. DR. RISZA RUSLI, NOOR DIANA ABDUL MAJID	EMERGENCY PLANNING & RESPONSE MANAGEMENT SYSTEM (EPRMS) IN PROCESS INDUSTRIES
46	UNIVERSITI MALAYSIA PAHANG (UMP), MALAYSIA	MD SAIFUL AZAD, IMRAN EDZEREIQ KAMARUDDIN, MD. SAYFULLAH AL NOMAN RANAK, SAIFUL AZAD, SAIFUL AZAD	LOCKAPPS: A SMART AND SECURE APPS LOCKING APPLICATION
47	UNIVERSITI TEKNOLOGI MARA, SHAH ALAM, MALAYSIA	ASSOC. PROF. DR. TAN WINIE, FARISH IRFAL BIN SAAID, AKMAL ARSYAD BIN MOHD RAFFI, NURUL ALISA YASMIN BT MOHD RAZAMIN, FADIATUL HASINAH BT MUHAMMAD	HIGH-PERFORMANCE LOW-COST ELECTRODE FOR ENERGY STORAGE SYSTEMS
48	GERIC, UMK, MALAYSIA	ASSOCIATE PROF DR ROSLI BIN SALEH, PROF DR NIK MAHERAN BINTI NIK MUHAMMAD, ASSOCIATE PROF DR ZAILANI BIN ABDULLAH, FADHILLAHANIM ARYANI BINTI ABDULLAH, ZUL KARAMI BIN CHE MUSA, TS. DR. NIK ZULKARNAEN BIN KHIDZIR	SMEII: SMALL AND MEDIUM ENTERPRISE INNOVATION-BASED CAPABILITY AND COMPETENCY INDEX.

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49	AERODYNE VENTURES SDN BHD, MALAYSIA	AERODYNE GROUP	VERTIKALITI: AI-DRIVEN, DRONE-BASED FULL LIFECYCLE ASSET & FACILITY MANAGEMENT SOLUTION
50	UNIVERSITI MALAYSIA KELANTAN, MALAYSIA	PALSAN SANNASI ABDULLAH, KHAIRUL AZIZI RAMLI, MOHD FAUZIE JUSOH, NOR ASFALIZA ABDULLAH, SITI HANISAH ABDULLAH	BIOCHAR - ORGANIC PLANTING MIX
51	UNIVERSITY OF MALAYA, MALAYSIA	ASSOC. PROF. DR. RAMESH KASI, DR. VENGADAESVARAN BALAKRISHNAN, DR. FATIN SAIHA OMAR, DR. SHAHID BASHIR BAIG, MS. NUR KHUZAIMAH FARHANA ABD AZIZ, MS. NORSHAHIRAH MOHAMAD SAIDI, MR. MOHD ZIEAUDDIN KUFIAN, ASSOC. PROF. DR. EZRA MORRIS ABRAHAM GNANAMUTHU, PROF. DR. RAMESH SINGH, MS. MARYAM HINA	SUPERCAPATTERY: A HYBRID BREAKTHROUGH IN SOLID STATE ENERGY STORAGE
52	UNIVERSITI MALAYSIA KELANTAN, MALAYSIA	MUHAMMAD NAJIBUL MUTHIIE BIN CHE YAACOB, DR. NIK SHAHMAN BIN NIK AHMAD ARIFF, DR. HANISA BINTI HASSAN, DR. TAN TSE GUAN, DR. ANUAR BIN MOHD YUSOF	INNOVATION OF BATIK BLOCK AS A APPROACH TO SUSTAIN THE HERITAGE VALUE
53	JABATAN KERJA RAYA MALAYSIA, MALAYSIA	MOHD NORHISHAM BIN ISMAIL, MOHAMAD SABRI BIN ABDUL RAHMAN, IR FAIZAN BINTI ISMAIL, MOHD KHAIRUL AZWAN BIN AWANG, FAIZI BINTI WAHAB, AZRIN BIN M. AMI, SUHAIDAH BINTI ABU BAKAR, ZAHURAH BINTI ZUBIR, MOHD AZIZUDDIN BIN OMAR, FARIMAH BINTI MOHD AMIN	TONGUE AND GROOVE SHAPED CONCRETE DRAIN (T&G)
54	MALAYSIAN AGRICULTURAL RESEARCH AND DEVELOPMENT INSTITUTE (MARDI), MALAYSIA	MOHD FAZLY BIN MAIL, DR. REZA EHSANI, NORIHA BINTI MAT AMIN, DR. SANIMAH BINTI SIMOH, MOHD AZHAR HASSAN	A PRECISION SOIL INJECTING SYSTEM FOR PLANT DISEASE CONTROL
55	UNIVERSITI TECKNOLOGI MALAYSIA, MALAYSIA	IR. DR. MALARVILI BALAKRISHNAN, OM PRAKASH SINGH, KUMARASAMY ROKINI	CARDIOPULMONARY DISORDERS MONITORING DEVICE USING IOT TECHNOLOGY (IBREATHE)

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56	MANAGEMENT & SCIENCE UNIVERSITY, MALAYSIA	ASSOC. PROF. DR. MUHD RIDZUAN PAUZI, ASSOC. PROF. DR. MOHAMED IBRAHIM BIN NOORDIN, ASSOC. PROF. DR. INDANG ARIATI ARIFFIN, PROF. DR. NASIR MOHAMAD, ASSOC. PROF. DR. SALWANI ISMAIL, DR. NOR IZA A. RAHMAN	DERMACOL
57	UNIVERSITI MALAYSIA KELANTAN, MALAYSIA	DR. MOHAMAD FAIZ MOHD AMIN, DR. INTAN HASLINA ISHAK, DR. RAJIV RAVI, DR. NIK RAIHAN NIK YUSOFF, EN MOHD SUKHAIRI MAT RASAT, EN. ZULHAZMAN HAMZAH	NANO-AZO'S- GREEN NANOPARTICLES FOR MOSQUITO CONTROL
58	UNIVERSITI SAINS MALAYSIA, MALAYSIA	MOHD HAFIZ MOHD ZIN, KASMAYANTI SAKARIA, NUR SHAHEERA MIDI	SAFERT 2.0: SOFTWARE FOR SAFE RADIOTHERAPY TREATMENT OF CANCER
59	UNIVERSITI MALAYSIA KELANTAN (UMK), MALAYSIA	DR. MARDAWANI MOHAMAD, MOHD. FADZHEL MOHD NASIR, NAZARUDDIN MOHD NAWI, ASSOCIATE PROF. DR. NOOR AZLINA IBRAHIM, PROF. IR. TS. DR. AHMAD ZIAD SULAIMAN	INTEGRATED KENAF BIO-PROCESSING SYSTEM – BIOZYME ULTIMATE DEBARK UNIT (B.U.D.U)
60	UNIVERSITI TUN HUSSEIN ONN MALAYSIA, MALAYSIA	TS. DR. SULIADI FIRDAUS SUFAHANI, PROF. DR. ZUHAIMY ISMAIL, PROF. ROZAINI ROSLAN, ASSOC. PROF. DR SAIFULLAH RUSIMAN, DR. MAHATHIR MOHAMAD, DR. MUHAMAD GHAZALI KAMARDAN	MALAYSIAN SECONDARY SCHOOL MENU PLANNING PROGRAMME FOR EDUCATIONAL DEVELOPMENT
61	FACULTY OF CIVIL ENGINEERING, UNIVERSITI TEKNOLOGI MARA, SHAH ALAM, MALAYSIA	DZULAIKHA BINTI KHAIRUDDIN	D-TECH, PORTABLE ON-SITE PATHOGENIC LEPTOSPIRA DETECTION DEVICE
62	SCHOOL OF DENTAL SCIENCES, UNIVERSITI SAINS MALAYSIA, MALAYSIA	ASSOC. PROF. DR. WAN ZARIPAH WAN BAKAR, PROF. ISMAIL AB. RAHMAN, NOR AINON MAZIAH GHAZALI, DR ARBAZ SAJJAD, ASSOC. PROF. DR. DASMAWATI MOHAMAD, ASSOC. PROF. DR. THIRUMULU PONNURAJ KANNAN	GIZIDENT (GIC-NANOZR-SI-HA HYBRID MATERIAL FOR DENTAL APPLICATION)
63	PUSAT LATIHAN TEKNOLOGI TINGGI (ADTEC), KULIM, MALAYSIA	JUNAIDI BIN OSMAN, AZIMA ZURAITI BINTI ABDUL AZIZ, NURAINI BINTI AB RAHIM, MUHAMMAD NASRULLAH BIN MOHD AZAM, AZAMUDDIN BIN AYOB, ANIZ SHAFINNA BINTI MOHD NIZAR	NEW TECHNOLOGY DEVICE FOR DAMPING AND VIBRATION PROTECTION SYSTEM (J-TECH)

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64	INSTITUT LATIHAN PERINDUSTRIAN, MALAYSIA	MOHD SHIRADZI ISMAN BIN ISHAK, WAN KHAIRUL ASWANDI BIN WAN MOHD ALI	WELDER ARM V1.0
65	UNIVERSITI PENDIDIKAN SULTAN IDRIS, MALAYSIA	JAMILAH HAMID, NOR HASBIAH UBaidULLAH, AHMAD YASIR BAHADOR	A DIGITAL STORYBOOK AND AN AUGMENTED REALITY (AR)-BASED PROVERBS APPLICATION
66	JABATAN KERJA RAYA MALAYSIA, MALAYSIA	ISMAIL BIN HUSAINI, NORIHA BINTI AWANG, MOHAMAD HAFZAN BIN ABDUL AZIZ, ROZAINI BINTI ISMAIL, NUR HUSNA BINTI BINTI AHMAD ZAIDI, NURUL AMIRA BINTI RAZEK, NUR NAJEEHA BINTI MOHD NOORAN, MUHAMMAD HAIKAL BIN MOHAMMAD RADI, MOHAMAD SHAZRUL BIN MOHAMMAD ZAM, KU YUSNIZA BINTI KU SHARI	ONLINE INTEGRATED COMPLAINT CENTRE SYSTEM (SAKU)
67	JABATAN KERJA RAYA MALAYSIA, MALAYSIA	FARHANI BINTI MOHAMAD, NOOR SHAMIZA BINTI OTHMAN, EMI AZREENA BINTI ABD GHANI, MOHD YUSNORARIEFF BIN MOHD YUNOS, AHMAD AFZAN BIN MOHAMAD BAKRI, MOHAMAD ATHIR BIN KAMARUDDIN, MOHD AFUAN BIN AMIR NORDIN, MOHD FAIZAL BIN AHMAD,	A MOBILE LEAVES COLLECTOR & SHREDDER COMPLETE WITH COMPOSTER (V-DER)
68	UNIVERSITI SAINS MALAYSIA, MALAYSIA	NOORFATIN AIDA BAHARUL AMIN, KHAIRUL NIZAM JAAFAR	A SMART RADIOPHARMACEUTICAL DISPENSER DRIVEN BY PERISTALTIC PUMP SYSTEM
69	AERODYNE VENTURES SDN BHD, MALAYSIA	AERODYNE GROUP	AEROSONIC: DRONE-BASED ULTRASONIC TESTING & DATA MANAGEMENT PLATFORM
70	MARDI, MALAYSIA	AMIE MARINI BINTI ABU BAKAR, NAJIHAH BINTI MOHAMAD, MOHAMAD HIFZAN BIN ROSALI, MOHD ROSLY BIN SHAARI, NORZIHAN BINTI ABDULLAH	384@GOAT : A SMALLER AND PRECISE SNP PANEL FOR ASSESSING BREED COMPOSITION IN MALAYSIAN KATJANG GOAT
71	UNIVERSITY COLLEGE OF TECHNOLOGY SARAWAK, MALAYSIA	TS. DR. ALAN TING HUONG YONG, JACKIE TING TIEW WEI, DANIEL TAN YONG WEN	MARKERLESS CLOUD BADMINTON MOTION ANALYSIS AND BENCHMARKING SYSTEM
72	HYPERWISE BLOCKCHAIN TECHNOLOGIES SDN BHD, MALAYSIA	JAI CHANDRAN	ORYGENE : ANTI-COUNTERFEITING SOLUTION POWERED BY BLOCKCHAIN AND NFC TECHNOLOGIES



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73	AERODYNE VENTURES SDN BHD, MALAYSIA	AERODYNE GROUP	SMARTCP: REMOTE PIPELINE CORROSION MONITORING SOLUTION
74	GIATMARA MALAYSIA, MALAYSIA	FAUZI BIN ZAKARIA, AZHAR BIN AHAMED FAKRY, ARIFF BIN ABDUL MANAN	COCONUT HUSK REMOVER
75	AGENSI NUKLEAR MALAYSIA, MALAYSIA	NG YEN, NURUL SYAZWANI MOHD SUHAIMI, PUTRI ROSSYAUQINA MEGAT AHMAD TARMIZI, WAN HAMIRUL BAHRI, WAN KAMAL, KHONG KHEI CHOONG, SITI SELINA ABDUL HAMID, MANISAH SAEDON	INNOVATIVE METHODS FOR RAPID PRODUCTION OF GALLIUM-68 RADIOPHARMACEUTICALS FOR CANCER IMAGING
76	UNIVERSITI MALAYSIA PAHANG, MALAYSIA	DR. SURYANTI AWANG, JUNAIDA SULAIMAN, NOR 'AQILAH MISMAN	ROAD TRANSPORT 4.0: INTELLIGENT VEHICLE RECOGNITION SYSTEM
77	TROILUS BIOENERGY CO.,LTD., TAIWAN	SHENG-HSIUNG CHIU, MENG-HSIUN TSAI	“BIO 36” HERBAL DRINKS
78	GRAPE KING BIO LTD., TAIWAN	CHIN-CHU CHEN, YEN-LIEN CHEN, SHIH-WEI LIN, YANG-TZU SHIH, CHING-WEN LIN, YA-JYUN CHEN	GKM3-A NEW PROBIOTIC FOR WEIGHT MANAGEMENT
79	ST. JOHN'S UNIVERSITY, TAIWAN	WEI-BIN WU, FU-HSIEN CHEN, SHENG-YUAN YANG, SHIEN-SHING LIN, CHAO-LUN CHEN	AN INNOVATION STORAGE BAG OF EXTRACTOR WITH MONITORING FUNCTION
80	DA.AI TECHNOLOGY CO., LTD., TAIWAN	CHENG-HSIUNG LIN, YI-JUNG CHEN, YU-CHIN HUANG, YEN-WEN WANG, HSIAO-RU KUO	DA.AI ECO TEX-WOOD—CIRCULAR ECONOMY OF DISCARDED CLOTHING
81	GRAPE KING BIO LTD., TAIWAN	CHIN-CHU CHEN, TING-WEI LIN, HSIAO-HUI LIU	PREPARATION METHOD FOR ISOLATING 4-ACETYL ANTROQUINONOL B BY HIGH PERFORMANCE CENTRIFUGAL PARTITION CHROMATOGRAPHY (HPCPC) TO TREAT CANCER
82	SHIH CHIEN UNIVERSITY, TAIWAN	YAO-HSIEN HUANG, CHIANG-KU FAN, CHIEN-PING CHUNG, CHIEN-WEI HO, PEI-RU WANG, JIAN-LIN SU	A VIRTUAL HUMANOID CHATBOT TECHNOLOGY FOR INSURANCE SERVICES
83	NEW BELLUS ENTERPRISES CO., LTD., TAIWAN	CHUN-CHIH HUANG, YEW-MIN TZENG, CHI-TAI YEH, TSANG-HSIEN ALEXANDER WU	USE OF A COMPOSITION CONTAINING 4-ACETYL-ANTROQUINONOL B FOR PREPARING PHARMACEUTICAL COMPOSITIONS FOR INHIBITING GROWTH OF CANCER CELLS