

**INVENTION & INNOVATION AWARDS 2018
MALAYSIA TECHNOLOGY EXPO 2018
22-24 February 2018, PWTC Kuala Lumpur**

MERIT AWARD MEDALIST

No	Title of Invention/ Innovation	Inventor/s	Organization
1	Voice thermometer	MARIJAN CIPRIAN MITRIC	Croatia
2	Artificial Bone from The Compound of Tuna Bone and Coconut Fiber	SANG MADE ARJUNA ADIWANGSA KALER	Indonesia
3	ANTASENA VLEDEC A-1	DIMAS BAGUS SETIAWAN	Indonesia
4	ELECTRICAL BIO-ISOLATOR MATERIAL FROM COMBINATION OF ASH OF COARSE GRASS (<i>Imperatacylindrica</i>) AND COCONUT (<i>Cocos nicifera</i> L.) SHELL CHARCOAL	PUTU SRI UTAMI DEWI, S.Pd., M.Pd.	Indonesia
5	Bicara (bikinacara.id), marketplace that provide event needs by online	MUHAMMAD TAUFIQ ARYADI	Indonesia
6	The allocation of coconut fibers done by Bio-Treatment process with Ergonomic design	ADE HAMKA	Indonesia
7	"ORNI" A MOUTHWASH FROM RED GINGER LILY (<i>ETLINGERA ELATIOR</i>) AND SEA WEED (<i>EUCHEUMA COTONII</i>) TO HEAL STOMATITIS	NI KOMANG AYU TRI LESTARI DEWI	Indonesia
8	Bio-Cement from Golden Snail's Shell Waste (<i>Pomaceacanaliculata</i>)	I GDE ARI WIRYA PALGUNA	Indonesia

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9	BIOFOAM FROM SUGAR CANE PULP WASTE AND WASTE SEED JACKFRUIT	NYOMAN MAESHA BRAMANDA	Indonesia
10	ECO BOARD : COMBINATION OF DEAD CORAL WASTE (ACROPORASP), CELLULOSE FIBER BUNCHES EMPTY PALM OIL AND RICE HUSK ASH AS A COMPILER ECO HOUSE	KETUT UTARI MUSTIKA PUTRI	Indonesia
11	Design of Bee Propolis Extractor Based on Resistive Heating Extraction Method to Process Raw Propolis	ANNISA AURORA KARTIKA	Indonesia
12	REALUP	FANAVERY ETELAT SYSTEM TABARESTAN CO	IRAN
13	THE NEW ROYAL FURNITURE	MR. MOSLEM KHAZAEI	IRAN
14	DATA ARCHIVING: Real Time Creative Works Data Archiving Online Submission System (Cloud Based Technology) for Creative Design Subjects	Kamarulzaman bin Russali	MMU
15	Early Identification of Alzheimer's Disease	Desmond Kho Teck Kiang	MMU
16	Interpolation of Low Resolution Digital Elevation Models for Landslide Susceptibility Mapping	Mohammad Faizal Ahmad Fauzi	MMU

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17	VIBRATION ISOLATOR FOR VIBRATING TOOLS	ABDUL RAZAK JELANI	MPOB
18	Production of 1,3-propanediol from waste glycerol via biotechnological approach	STASHA ELEANOR ROSLAND ABEL	MPOB
19	HeterogenousGlycerolysis Reaction as Pre-treatment Process of Palm Fatty Acid Distillate for Biodiesel Production	NUR AZREENA IDRIS	MPOB
20	HONEY VACUUM	SAIFUL ADLI BIN AMAN	PusatLatihanTeknologi Tinggi (ADTEC)
21	FLOOD ALERT SYSTEM (FLAS)	NIK MOHD FAZLI HASIFIE BIN MAT ZAIB	PusatLatihanTeknologi Tinggi (ADTEC)
22	QPosT	NOORAI DA SAMSUDIN	TATI University
23	INTELLIGENT ELECTROMAGNETIC CONTINUOUSLY VARIABLE TRANSMISSION	PROF. DR. ATAUR RAHMAN	UIAM

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24	NOVEL BIODEGRADABLE PLGA/ATELOCOLLAGEN/FIBRIN SCAFFOLDS FOR INTERVERTEBRAL DISC (IVD) REGENERATION	ASST. PROF. DR. MUNIRAH SHA'BAN	UIAM
25	SAVE HEARTS	ASSOC. PROF. DR. AKRAM M Z M KHEDER	UIAM
26	SELF-LOCKING FABRIC: FLEXIBLE ELECTROMAGNETIC SHIELDS	MOHD ROZI AHMAD	UiTM
27	eDNAlyzer	ASSOC. PROF. DR. VENGADESH PERIASAMY	UM
28	Online Practicum Evaluation System (OPES)	SITI 'ATIKAH BINTI RUSLI	UMK
29	F-LASH (FILTER SPLASH)	RAZMAN HAFIFI BIN REDZUAN	UMK

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30	RESEARCH IDEATION CANVAS © : VISUAL CHART FOR RESEARCH START-UP STRATEGY AND INNOVATION IDEAS	DR. NIK ZULKARNAEN KHIDZIR	UMK
31	THERMOELECTRIC FREEZER AND THAWER	DR MOHAMAD ASMIDZAM AHAMAT	UNIKL
32	DESIGNING CLOSE COMPARTMENT PROCESSING FOR FIBER-RESIN INFUSION	DR ABDUL MALEK BIN YA'ACOB	UNIKL
33	MINI ADVANCED PAPER RECYCLING MACHINE	JARONIE BIN MOHD JANI	UNIKL
34	A Pile Design Chart Considering Lateral Movement of Riverbank Pile	SITI NOOR LINDA TAIB	UNIMAS
35	Public Transport Journey Tracker	SHAFRIDA SAHRANI	UNIMAS

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36	Posslite-Lightweight Aggregate from Sewage Sludge Waste for Structural Concrete	PROF. DR. MD. ABDUL MANNAN	UNIMAS
37	THIN FILM FOR WOUND PLASTER FROM LOCAL RESOURCES	MAHSHURI BINTI YUSOF	UNIMAS
38	Civil Engineering Project Scheduling Incorporating Risk Assessment Procedures	IR. DR. TING SIM NEE	UNIMAS
39	A Novel Text Summarization Method Based On Story Plot Structure	STEPHANIE CHUA, NARAYANAN KULATHURAMAIYER, BALI RANAIVO-MALANCON, HAZIMAH IBOI	UNIMAS
40	Internet of Things enabled Smart Garbage Bin	LAU SEI PING	UNIMAS
41	Modular Lower-Limb Paediatric Robot for Exercise and Rehabilitation Therapy	MUHAMMAD FIRDAUS ABONG ABDULLAH	University College of Technology Sarawak

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42	ADJUSTABLE SPARK PLUG REMOVER	NOR SYUKRIAH BT KHALID	University Of Automotive DRB HICOM