

List of Award Winner Pecipta'19



Booth	Institution Name	Project Title	MEDAL
29	Universiti Sultan Zainal Abidin (UniSZA)	e-Anak Susuan	SILVER
245	Universiti Sains Malaysia (USM)	Natural and Non Toxic Preservative Derived From Waste	SILVER
376	Universiti Sultan Zainal Abidin (UniSZA)	Production of Halal Pheromone for Perfumes from Salacca Zalacca (salak) Fruit	SILVER
322	Universiti Teknologi Malaysia (UTM)	Antibacterial Chlorhexidine Coating	SILVER
222	TATI University College (TATIUC)	Dust Cloud: Formation and Hazard	SILVER
163	Universiti Sains Islam Malaysia (USIM)	eZCyberCrime Detection and Response Mobile Apps for Smartphone (eZCyberCrime)	SILVER
394	Multimedia University (MMU)	TUMOR DETECTION IN WHOLE-SLIDE PATHOLOGY IMAGES	SILVER
344	Universiti Putra Malaysia (UPM)	GREEN WOUND DRESSING	SILVER
248	Universiti Sains Malaysia (USM)	OLEOPHOBIC-HYDROCOATING MEMBRANE	SILVER
123	Universiti Sultan Zainal Abidin (UniSZA)	i-BeeHOME: An Intelligent Stingless Honey Beehives Monitoring Tools	SILVER
210	Universiti Sains Malaysia (USM)	A Dual Action Coffee-Based Ants Bait:Implication for Sustainability Green Pest Management	SILVER
362	Universiti Kuala Lumpur (UniKL)	NANO EMN FOR CANCER DRUG DELIVERY	SILVER
313	Universiti Putra Malaysia (UPM)	A METHOD FOR DETECTING LEPTOSPIRA	SILVER
371	Universiti Kuala Lumpur (UniKL)	PhTX-343: A Promising Neuroprotective Anti-Glaucoma Agent	SILVER
233	University of Malaya (UM)	Hybrid Bridging Electrochemical Energy Storage Device - An Accession to Power Sources: SUPERCAPATTERY	SILVER
303	Universiti Sains Malaysia (USM)	Luminesensor	SILVER
309	TATI University College (TATIUC)	Soluble Graphene using Polyoxazoline for Polymer Nanocomposite Application	SILVER
356	Universiti Sultan Zainal Abidin (UniSZA)	Low Glycemic Index Fruit Spread from Immature Rock Melon	SILVER
370	Universiti Kuala Lumpur (UniKL)	Petz Munchez: Sunflower shell waste pellet as sustainable gastrointestinal functionality animal feed	SILVER
94	International Islamic University Malaysia (IIUM)	Strive-School: Online Entrepreneurship School for Post-Disaster Areas	SILVER
363	Universiti Sains Malaysia (USM)	NATURAL GREEN BIOGENIC FOR MOSQUITO MANAGEMENT	SILVER
252	University of Southampton Malaysia	Rapid Micro Tubular Reactor for Biodiesel (Ä,Äµ-TuRBo)	SILVER
250	Infrastructure University Kuala Lumpur (IUKL)	POTENTIAL OPTIMUM MODEL OF WATERBODY ON URBAN STREETS IN MELAKA CITY	SILVER
189	Multimedia University (MMU)	Unsupervised 3D Model Features Learning for Semantic Segmentation	SILVER

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365	Monash University Malaysia	Novel anti-viral approach using RNA interference based gene silencing of new host targets to combat Influenza A Virus infection	SILVER
367	Universiti Kebangsaan Malaysia (UKM)	Oral Annatto Tocotrienol As Supplement To Prevent Osteoarthritis	SILVER
407	Universiti Sultan Zainal Abidin (UniSZA)	UniSZA-SID : UniSZA-Sudden Ionospheric Disturbance System	SILVER
201	Universiti Sains Islam Malaysia (USIM)	THE FLICKER: SECURE FREE SPACE OPTICS COMMUNICATION FOR NAVAL	SILVER
326	Universiti Malaysia Sarawak (UNIMAS)	Automatic Classification of Left Ventricle (LV) Remodelling	SILVER
337	Universiti Kuala Lumpur (UniKL)	e-IMCIFOD for Healthcare Service Delivery Transformation	SILVER
261	University of Malaya (UM)	Ultra-battery based dual-ion system with seaweed	SILVER
260	Universiti Malaysia Pahang (UMP)	SUSTAINABLE BRICK: ROMMEL	SILVER
360	Universiti Sains Malaysia (USM)	My Nypa sugar: Diabetic friendly natural sugar from Nypa fruticans sap	SILVER
389	Curtin University Malaysia	SUPERIOR STAIN SENSING INCORPORATING WITH PVA INFILTRATED MWCNTS BUCKYPAPER FOR BIOSENSOR APPLICATION	SILVER
319	TATI University College (TATIUC)	Alginate-Inulin Hydrogels: A new approach to Deliver Protein Drugs Orally	SILVER
217	Universiti Teknologi PETRONAS (UTP)	Composite Ionic Liquid Polymer Membrane (CILPM) for CO ₂ /CH ₄ Separation	SILVER
331	Universiti Malaysia Kelantan (UMK)	Cationic P (DMA-co-HEMA) for Bioassay Application	SILVER
343	Universiti Malaysia Pahang (UMP)	G-Nano: Green antibacterial nanofinishing for bedlinen	SILVER
297	DRB-HICOM University of Automotive Malaysia	Effect of Different SAC Based Nanoparticle Types on the Reflow Soldering Process of Miniaturized Components using Discrete Model Simulation	SILVER
212	Monash University Malaysia	Advancing Supramolecular Coordination Nanosphere as Catalytic Material	SILVER
16	Universiti Teknologi PETRONAS (UTP)	Chem-E-Car Challenge: A Transformative Learning Experience for Students in Solving Complex Engineering Problem	BRONZE
296	Universiti Malaysia Sabah (UMS)	Edible Active Food Packaging and Coating from Bio-Cellulose (EDAPAC)	BRONZE
22	Universiti Pertahanan Nasional Malaysia (UPNM)	DEVELOPING A SYSTEMATIC FRAMEWORK ASSESSMENT TOOL AND MODEL FOR MILITARY COMBAT READINESS	BRONZE
402	Universiti Malaysia Sarawak (UNIMAS)	Flood Prediction Using Deep Learning	BRONZE
65	University of Malaya (UM)	Model Pengurusan Harta Pusaka Masyarakat Islam Kontemporari	BRONZE
97	Universiti Pendidikan Sultan Idris (UPSI)	THE DEVELOPMENT OF GREEN SKILLS MODULE IN DESIGN AND TECHNOLOGY SUBJECT IN PRIMARY SCHOOL FOR ENVIRONMENTAL SUSTAINABILITY IN MALAYSIA	BRONZE
403	International Islamic University Malaysia (IIUM)	Maqasid alShariah Cyber Security Barometer	BRONZE

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Booth	Institution Name	Project Title	MEDAL
292	Universiti Tun Hussein Onn Malaysia (UTHM)	A Non-Destructive Miniature Sensor for Composite Inspection	BRONZE
142	International Islamic University Malaysia (IIUM)	Securing Aquaculture Monitoring System	BRONZE
275	Universiti Malaysia Sarawak (UNIMAS)	Eco-kiddo Bedpan	BRONZE
236	Curtin University Malaysia	IMMOBILIZATION OF PEROXIDASE ON FUNCTIONALIZED BUCKYPAPER/POLYVINYL ALCOHOL NANOBIOCOMPOSITE MEMBRANE AND ITS APPLICATION FOR DYE REMOVAL	BRONZE
341	Multimedia University (MMU)	FOLLICULAR LYMPHOMA GRADING SYSTEM (FLAGS)	BRONZE
333	International Islamic University Malaysia (IIUM)	Clean Extraction of Pectin from Fruit Peels	BRONZE
231	Universiti Kuala Lumpur (UniKL)	Highly reactive metal nanoparticles with tailored size, morphology and crystal phase synthesized via controlled electrochemical system using plant extract as novel green electrolyte	BRONZE
266	Universiti Sultan Zainal Abidin (UniSZA)	Waste Trap	BRONZE
70	Universiti Tenaga Nasional (UNITEN)	My ResumÃ© App	BRONZE
80	University of Malaya (UM)	REKA BENTUK MODEL PROGRAM PERKEMBANGAN PROFESIONALISE GURU MALAYSIA	BRONZE
45	Universiti Teknologi PETRONAS (UTP)	Humanizing Engineering Education: Solving Real Problems for Real People	BRONZE
247	University of Southampton Malaysia	Novel Near Optimal MPC Scheme for High Performance Grid-connected Inverters without Resistive Damping	BRONZE
399	International Islamic University Malaysia (IIUM)	Developing an Integrated Waqf Environmental Protection model for Malaysian Rice farmers	BRONZE
134	International Islamic University Malaysia (IIUM)	Plant growth-promoting rhizobacteria: A new strategy for sustainable agricultural practice	BRONZE
183	Kolej Universiti Poly-Tech MARA (KUPTM)	SECURED DOOR ACCESS SYSTEM USING SMARTPHONES(SDAS)	BRONZE
182	Management and Science University (MSU)	Secured Access to Residentail Area Using Fingerprint	BRONZE
152	Asia Pacific University of Technology & Innovation (APU)	All-in-One Network Analysis System (Host Discovery, Port Scanning and Capturing Traffic)	BRONZE
78	Universiti Pertahanan Nasional Malaysia (UPNM)	PEMILIHAN KERJAYA KEDUA SEBAGAI PENDIDIK DALAM KALANGAN BAKAL TENTERA ATM: SATU KAJIAN KES DI PERHEBAT, SUNGAI BULOH	BRONZE
347	Universiti Kebangsaan Malaysia (UKM)	Hydrocotyle asiatica leaf extract as a photoprotective agent	BRONZE
164	Management and Science University (MSU)	Himalayan Animals Augmented Reality Book for Todlers	BRONZE
359	International Islamic University Malaysia (IIUM)	Modelling a Health Takaful Plan Based on Waqf Concept for B40 group in Malaysia	BRONZE
274	Heriot-Watt University Malaysia	EcoFriendly Construction block from waste cooking oil	BRONZE
235	Universiti Malaysia Perlis (UniMAP)	Hybrid Geopolymer Coating	SILVER
267	Universiti Tunku Abdul Rahman (UTAR)	Zonal cooling technology with revolutionizing lancet fin	SILVER
384	Universiti Teknologi MARA (UiTM)	Skin Moisturizing Composition	SILVER
8	Universiti Malaysia Kelantan (UMK)	Augmented Reality in Special Preschool Education	SILVER
30	Universiti Kebangsaan Malaysia (UKM)	E-Commerce Virtual Museum System (V~amuse C)	SILVER
63	Universiti Utara Malaysia (UUM)	Model LESTARI: SINTOKYO	SILVER
120	Universiti Malaysia Perlis (UniMAP)	FRIn : FRUIT RIPENESS INDICATOR	SILVER
133	Universiti Malaysia Terengganu (UMT)	PHAVax: Bio-adjuvant for Whole-cell Vaccine Treatment	SILVER
273	Universiti Kebangsaan Malaysia (UKM)	Development of a UHF patch antenna for nanosatellite communication system	SILVER
381	Multimedia University (MMU)	Seamless Healthcare Monitoring System with Pressure Sensor Grid	SILVER

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283	Universiti Malaysia Perlis (UniMAP)	Integrated Computerised Maintenance Management System (I-CMMS) Development for Precast Concrete Buildings	SILVER
38	Universiti Kebangsaan Malaysia (UKM)	Experimental Breast Phantom Imaging with Modified Antipodal Vivaldi Nine Antenna Array	SILVER
57	Universiti Putra Malaysia (UPM)	LAJUR AMPUH MEMBACA BAHASA MELAYU (LAMBMB)	SILVER
95	University of Malaya (UM)	Tahqeeq: Digital Quran Authentication App	SILVER
130	University of Malaya (UM)	OneSol Bionanocomposite Lacquer for Polymer Thermic Film Application	SILVER
197	DRB-HICOM University of Automotive Malaysia	NATURAL BASED SIO2 NANOFUIDS	SILVER
232	Universiti Teknologi Malaysia (UTM)	HIRECS - Heat Integration Software for Retrofit, Controllability and Safety	SILVER
364	Universiti Teknologi Malaysia (UTM)	Naturel Kiss: Green Cosmetics with Micellar Nanotechnology	SILVER
93	Universiti Pendidikan Sultan Idris (UPSI)	STEM Roll-A-Dice: Papan Permainan Pendidikan STEM Berteknologi Augmented Reality (AR) Pertama di Malaysia.	SILVER
191	Universiti Teknologi MARA (UiTM)	Authentication Scheme for KLCar Rental System	SILVER
221	Universiti Tenaga Nasional (UNITEN)	DESIGN AND DEVELOPMENT OF DUAL POWER GENERATION SOLAR AND WINDMILL GENERATOR	SILVER
323	Universiti Putra Malaysia (UPM)	Antifreeze Peptides for Frozen-based Industries	SILVER
327	Universiti Kebangsaan Malaysia Medical Center (UKMMC)	Bedside Point-of-care Biosensor Kit for Sepsis and Bacterial Infection Rapid Detection (SepsiDot TM)	SILVER
129	Universiti Malaysia Sabah (UMS)	Novel Medium for Cultivation of Ganoderma boninense Fruiting Bodies for Medicinal Benefits	SILVER
316	Universiti Malaysia Pahang (UMP)	ADAM HARMONion	SILVER
2	Universiti Kuala Lumpur (UnikL)	Aedes Mosquitoes Lifecycle Coloring Augmented Reality Application	SILVER
9	Universiti Tenaga Nasional (UNITEN)	Augmented Reality Pose Matching Mechanism for Multiple Dance Trainees	SILVER
55	Kolej Universiti Islam Antarabangsa Selangor (KUIS)	KEMBARA TAUHID	SILVER
158	Universiti Tenaga Nasional (UNITEN)	CROWDSOURCING ASSET DIGITIZATION AND TRACKING SYSTEM (mySIGHT)	SILVER
219	Universiti Teknologi Malaysia (UTM)	Conversion of Carbon Dioxide to Sustainable Green Fuels using Photoreactor Solar System	SILVER
290	Multimedia University (MMU)	SMART TOILET: IoT Implementation for Resources Optimization & Digital Lifestyle	SILVER
314	Universiti Sains Malaysia (USM)	A Novel Computer Aided Reconstruction in Hybrid Cranioplasty	SILVER
317	Universiti Putra Malaysia (UPM)	Advanced Skin Technology: Upgrading into Whitemask Nanocosmeceutical Formula Incorporated with Palm-Based Kojic Monooleate in Thin Film System	SILVER
369	Universiti Sains Malaysia (USM)	Personal Fitness Trainer	SILVER

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395	Multimedia University (MMU)	Walking and Stair Climbing Aid	SILVER
26	Universiti Sains Malaysia (USM)	Diagnostic Language Tool & Music Intervention for Teenagers with Developmental Language Disorder (DLD)	SILVER
138	Universiti Putra Malaysia (UPM)	Rapid Clenbuterol Detection	SILVER
227	Universiti Kuala Lumpur (UniKL)	Green and Environmental Friendly Panel Made from Sugarcane Bagasse Waste	SILVER
255	Universiti Malaysia Perlis (UniMAP)	Robust composite solder For high Power Module Application	SILVER
368	Universiti Teknikal Malaysia Melaka (UTeM)	ORIGAMI CP SEATER	SILVER
285	University of Malaya (UM)	Low Carbon Footprint Precast Concrete Products for an Energy Efficient Built Environment	SILVER
44	Universiti Sains Islam Malaysia (USIM)	HALAL@SCHOOL	SILVER
302	Universiti Teknologi Malaysia (UTM)	Inventive hybrid-solar membrane for emerging contaminant removal	SILVER
211	Universiti Teknikal Malaysia Melaka (UTeM)	A SIMPLE PICO HYDRO SYSTEM FOR LOW HEAD LOW FLOW WATER RESOURCES	SILVER
342	Universiti Kebangsaan Malaysia Medical Center (UKMMC)	FUTURE ANKLE HINGED FIXATOR	SILVER
112	Malaysian Cocoa Board	Automated Satellite Based Precision Farming Management of Smart and Precise Plantation	SILVER
234	Universiti Teknologi Malaysia (UTM)	Hybrid GCN nanofiber photocatalytic-membrane for efficient OPW treatment	SILVER
62	University of Malaya (UM)	meZOO: Mobile Encyclopedia of the Zoo	SILVER
135	Universiti Malaysia Perlis (UniMAP)	Prediction Of Non Destructive Early Assessment Of Fruit Ripeness And Quality Monitoring For Smart Agricultural	SILVER
400	Universiti Teknologi PETRONAS (UTP)	Development of Distributed Fibre Optic Inclinometer for Landslide and Geotechnical Application (Smart Geo-Pipe)	SILVER
357	University of Malaya (UM)	MECHANOMYOGRAPHY-BASED FUNCTIONAL ELECTRICAL STIMULATION	SILVER
21	Universiti Pendidikan Sultan Idris (UPSI)	DeStressMeNow apps: Self-Care Strategies for Stress Management	SILVER
53	Universiti Malaysia Perlis (UniMAP)	Inverter Teaching Module	SILVER
99	Universiti Pertahanan Nasional Malaysia (UPNM)	The Impact of Performance for Reserve Officer Training Unit Cadet (ROTU) in 8 weeks vs 4 weeks Physical Training	SILVER
180	Universiti Teknologi PETRONAS (UTP)	SCADA LEAK DETECTION SYSTEM FOR LIQUID PIPELINES	SILVER
244	Universiti Teknologi Malaysia (UTM)	Nano HalFerric Antifouling Membrane	SILVER

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Booth	Institution Name	Project Title	MEDAL
373	Pusat Latihan Teknologi Tinggi (ADTEC) Batu Pahat	Pollution Mobile Urine Test Kit (MUT Kit)	SILVER
226	Universiti Malaysia Perlis (UniMAP)	G-Membrane: Green Membrane For Hybrid Separation/absorption for oil-water mixture	SILVER
332	Universiti Putra Malaysia (UPM)	Chewable Moringa Fruity Tablets	SILVER
393	Universiti Tun Hussein Onn Malaysia (UTHM)	TriCPatch: Compact Dressing Patch with Controlled Drug Release for Wound Care Application	SILVER
348	S-Core IT Solutions Sdn. Bhd.	Integrated Veterinary Management System: V-MagSys	SILVER
199	Multimedia University (MMU)	Real Time Driver Attentive Tool (RTDAT)	SILVER
264	Universiti Malaysia Terengganu (UMT)	UMTCoP: Universiti Malaysia Terengganu Conductive Polymer	SILVER
335	Universiti Malaysia Terengganu (UMT)	DIO-OINTMENT: THE MIRACLE OF MALAYSIAN FISH BAIT, DIOPATRA CLAPAREDII EXTRACT ON WOUND HEALING	SILVER
51	Universiti Kebangsaan Malaysia (UKM)	INSTRUMENT KEKAL HUBUNGAN PERKAHWINAN	SILVER
74	Universiti Malaysia Perlis (UniMAP)	NOVEL INVENTION IN HANDS-ON PSYCHOMOTOR ASSESSMENT	SILVER
124	Universiti Malaysia Terengganu (UMT)	IC-SODIS - Intensified Catalytic Solar Disinfection Process for Water Purification in Recirculating Aquaculture System	SILVER
328	Universiti Malaysia Pahang (UMP)	BIO-FEEL GOOD HALAL FUNCTIONAL DAIRY BEVERAGE	SILVER
401	Universiti Teknologi PETRONAS (UTP)	Flood Level Monitor for Low-Lying Area (FLO-LOW)	SILVER
338	Universiti Sains Islam Malaysia (USIM)	ELEV8THOR: MODULAR LIMB ELEVATION SYSTEM	SILVER
361	Universiti Teknologi Malaysia (UTM)	myThrob - Intelligent ECG monitoring device for early heart disease detection and prevention	SILVER
126	Universiti Malaysia Sabah (UMS)	Jackittie™ - A PLANT BASED MEAT ANALOQUE	SILVER
366	Universiti Tenaga Nasional (UNITEN)	OCCUPATIONAL RISK DIAGNOSTIC TOOLKIT (ORDIT)	SILVER
25	Politeknik Sultan Salahuddin Abdul Aziz Shah	DEVELOPMENT OF HAND GESTURE DEVICE FOR SPEECH THERAPY AND HAND TREATMENT IN POST STROKE APHASIA	SILVER
278	Universiti Malaysia Perlis (UniMAP)	GRETE ROOF: Green Concrete Roof Tile	SILVER
320	Universiti Kebangsaan Malaysia Medical Center (UKMMC)	Align ovine collagen film	SILVER
405	Universiti Kuala Lumpur (UniKL)	Snake Robot: Search and Rescue Mission for Natural Disaster Survivors	SILVER
141	Universiti Putra Malaysia (UPM)	SargaPrebio powder (Sargassum Prebiotic powder): Use of seaweed as feed enhancer for aquatic animals	SILVER
175	Management and Science University (MSU)	New Cellular Automata Based Method for Driver Assistance to Auto Search Available Slots in Indoor and Outdoor Parking Areas	SILVER
241	Universiti Malaysia Terengganu (UMT)	MARAUNo : From Worm to New Functional NaNoGold	SILVER

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Booth	Institution Name	Project Title	MEDAL
3	Universiti Malaysia Sabah (UMS)	An Interactive Smart e-Learning System on Technical Vocational Education and Training (TVET) in Malaysia using Augmented Reality Technology	SILVER
213	Universiti Malaysia Sabah (UMS)	AIRMATE: INTEGRATED REAL TIME PARTICULATE MATTER MEASURING INSTRUMENT FOR MICRO ENVIRONMENT MONITORING	SILVER
229	University of Malaya (UM)	Green Solvents for Malaysia's Palm Oil Industry , Catalysis Food Processing, Halal Technology and Green Energy	SILVER
256	Universiti Sains Malaysia (USM)	RUSTY-X: Eco-friendly Rust Remover	SILVER
113	TATI University College (TATIUC)	AUTONOMOUS AQUACARE	SILVER
111	Universiti Malaysia Terengganu (UMT)	An Integrated Biotech Approach for Simultaneous Production of Medical Lingzhi and Biopolymer towards Zero Waste Economy	SILVER
67	Universiti Kebangsaan Malaysia (UKM)	Modul ReSt menggunakan pendekatan empat langkah berasaskan contoh kajian dan infografik bagi pengguna novis SPSS	SILVER
69	Universiti Tenaga Nasional (UNITEN)	MY ILC APP: MY INTERACTIVE LITERACY CHESS APPLICATION	SILVER
383	Universiti Pertahanan Nasional Malaysia (UPNM)	Shoulder Air Bag	SILVER
52	Universiti Malaysia Sarawak (UNIMAS)	Introduction of water harvesting filtration system in dengue COMBI programme	SILVER
257	Universiti Tun Hussein Onn Malaysia (UTHM)	Hydro Dyes	SILVER
5	Kolej Universiti Islam Antarabangsa Selangor (KUIS)	Aplikasi Mobile e-Gadis	SILVER
239	Universiti Putra Malaysia (UPM)	Layer-by-layer assembled composite materials for energy storage	SILVER
330	Universiti Malaysia Perlis (UniMAP)	BvD-App: Blood Vessel Detection on monitoring system for Diabetic Retinopathy Diagnosis	SILVER
349	Universiti Teknikal Malaysia Melaka (UTeM)	Intelligent Wi-Neuro Controlled Portable Power Socket (NeoS)	SILVER
406	Universiti Malaysia Terengganu (UMT)	Synergistic Effect Of PvdF-Coated Fibers As Effective Oil Sorbents	SILVER
82	University of Malaya (UM)	RIMBA: an Edutainment Experience in Teaching & Learning - Linking Unique Physical Locations to the Digital World	SILVER
169	Multimedia University (MMU)	ISPARKS: IOT-ENABLED OUTDOOR SMART PARKING SYSTEM	SILVER
214	Universiti Malaysia Sabah (UMS)	AlphamateTM: Solution for Food Wastes Management in Kota Kinabalu Central Prison, Sabah, Malaysia	SILVER
404	Universiti Sains Islam Malaysia (USIM)	NATURAL DISASTER REPORTING AND EARLY WARNING SYSTEM APPS	SILVER

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155	Universiti Kuala Lumpur (UniKL)	BYoD and IoT Unmanaged Devices End Point Security Application Based On OpenMSA Software Defined Everthing (SDx) Platform	SILVER
209	International Islamic University Malaysia (IIUM)	A combined thermal mass and chilled water wall system for cooling and energy savings in public areas and concourses	SILVER
336	Universiti Tun Hussein Onn Malaysia (UTHM)	E-coli Detector	SILVER
346	Universiti Tun Hussein Onn Malaysia (UTHM)	Homecare Uric Acid Reader	SILVER
107	Universiti Malaysia Perlis (UniMAP)	Voice Based Application System to Learn Reciting Al-Quran for Autism Children (VB-QURAN-AUT)	SILVER
110	Universiti Malaysia Pahang (UMP)	AGRISOFT	SILVER
102	Management and Science University (MSU)	T-REX THE EXPLORER	SILVER
168	Universiti Sains Islam Malaysia (USIM)	INTELLIGENCE REHABILITATION	SILVER
355	Universiti Teknologi Malaysia (UTM)	Liquid Biopsy Device for Early Cancer Detection	SILVER
96	Management and Science University (MSU)	TECHNOLOGICAL 102 IN LEARNING ENGLISH FOR STUDENTS (TILES)	SILVER
218	Universiti Teknikal Malaysia Melaka (UTeM)	Comprehensive Assessment on Hybridization Graphene-CNT-Copper Ink based on Mechanical and Electrical Behavior	SILVER
92	Kolej Universiti Islam Antarabangsa Selangor (KUIS)	SMART USTAZ ON CALL	BRONZE
254	Universiti Teknikal Malaysia Melaka (UTeM)	River Trash Collector System Mark III (RTCS Mk III)	BRONZE
382	Monash University Malaysia	Self-cleaning hemodialyzer functionalized with thermo-regulated microgel coating	BRONZE
230	Universiti Tenaga Nasional (UNITEN)	GREENZ-PV METER	BRONZE
259	TATI University College (TATIUC)	STRABERR : drinking straw from oil palm steam process	BRONZE
321	Universiti Kebangsaan Malaysia (UKM)	AN INSULATED CAPACITIVE SENSOR FOR STABLE ELECTROMYOGRAPHY DETECTION	BRONZE
75	Universiti Utara Malaysia (UUM)	Now slide this: Reading fun with Slide&Read	BRONZE
91	Universiti Teknologi MARA (UiTM)	SMART PARCEL BOX BASED ON IOT	BRONZE
7	Universiti Pendidikan Sultan Idris (UPSI)	Assist.doc-Pro	BRONZE
162	Universiti Malaysia Sarawak (UNIMAS)	eRaceColl	BRONZE
216	Universiti Malaysia Kelantan (UMK)	CE Mini-Bag and Cajuput Essential Oil - A sustainable natural Insecticide for Heritage Buildings	BRONZE
237	Universiti Teknologi Malaysia (UTM)	Intelclear-Intelligent Self-Cleaning Membrane Water Treatment System	BRONZE
258	Universiti Teknologi PETRONAS (UTP)	SQL-SQS Attributes as a new tools for better hydrocarbon prediction	BRONZE
98	International Islamic University Malaysia (IIUM)	The Development of Malay Online Virtual Integrated Corpus (MOVIC) for Sentiment Analysis using Web mining	BRONZE
198	Universiti Teknikal Malaysia Melaka (UTeM)	New Liquid Route Feedstock Production Technique for Thixoforming of Multi-wall CNT Aluminium Alloy Composite for Light Weight Automotive Component	BRONZE
265	Universiti Tun Hussein Onn Malaysia (UTHM)	USED OF CERAMIC INDUSTRIAL WASTE AS REPLACEMENT MATERIAL OF FINE AGGREGATE IN CONCRETE MIX	BRONZE

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398	Universiti Malaysia Sarawak (UNIMAS)	Automatic Control System For Flow Regulator Gate In Drainage Network	BRONZE
17	Management and Science University (MSU)	Circus of Speech- English Language Kit	BRONZE
176	Universiti Malaysia Sarawak (UNIMAS)	Queuing Solution	BRONZE
249	Universiti Teknologi PETRONAS (UTP)	Palm Oil Clinker Media (POCM) for an Attached Growth Medium in Sequencing Batch Reactor Mode	BRONZE
358	Universiti Selangor (UNISEL)	MIKANIA WOUND CARE SET	BRONZE
18	Management and Science University (MSU)	Cogency	BRONZE
351	Universiti Tun Hussein Onn Malaysia (UTHM)	Karela Pudding (Puding Peria)	BRONZE
271	Universiti Malaysia Kelantan (UMK)	Ayah Kob's Thrid Hand: A Supporting Mechanism for Batik Block Stamping Process in Penambang Kelantan.	BRONZE
11	Universiti Malaysia Sabah (UMS)	Bioinformatic in Box	BRONZE
172	Multimedia University (MMU)	Multi3DScan	BRONZE
151	Kolej Universiti Poly-Tech MARA (KUPTM)	Academic Certificate Identifier (CertifAI)	BRONZE
154	Universiti Malaysia Perlis (UniMAP)	AUTOMATED CONTROLLED ENVIRONMENT SYSTEM FOR INDOOR OYSTER MUSHROOM CULTIVATION	BRONZE
238	Universiti Kebangsaan Malaysia (UKM)	Lab-On-a Chip Based PANI-Metal Alloys Nanocomposite for Leptospira Identification in Wet Medium	BRONZE
339	Universiti Tun Hussein Onn Malaysia (UTHM)	Fabrication and characterization of PLA/n-NAP nanobiocomposite for orthopedic applications	BRONZE
116	Universiti Teknologi MARA (UiTM)	Smart Pest Control	BRONZE
119	Universiti Malaysia Pahang (UMP)	ClimBARK - Climbing Robot for Bio-Aromatic Research Karas	BRONZE
165	Universiti Pertahanan Nasional Malaysia (UPNM)	iNavig: Smart Item Locator and Inventory Management System	BRONZE
352	Management and Science University (MSU)	KiSyn W Mat	BRONZE
387	Universiti Kebangsaan Malaysia (UKM)	Social Story Board For Autism Children	BRONZE
203	Universiti Teknologi MARA (UiTM)	A Specific Footwear for Male Hajj Pilgrims	BRONZE
354	University of Malaya (UM)	Laser-driven Hot Needle with Dynamic Temperature Control System for Percutaneous Hyperthermia Cancer Therapy	BRONZE
161	Universiti Malaysia Sarawak (UNIMAS)	Distressing Patient Waiting Time Reduction Through Big Data Predictive Algorithm	BRONZE
167	Universiti Tun Hussein Onn Malaysia (UTHM)	Integrated robot controlled by human brainwave using brain computer interface system	BRONZE
220	DRB-HICOM University of Automotive Malaysia	DEGRADATION OF SYNTHETIC ORGANIC COMPOUND USING METAL FERRITE-BASED PHOTOCATALYST	BRONZE
345	Universiti Kebangsaan Malaysia Medical Center (UKMMC)	HELP THE BLIND TO READ	BRONZE
240	International Islamic University Malaysia (IIUM)	Low Carbon industrial site planning for energy sustainability: Drone Databases for Thermal heat Loss	BRONZE
166	Asia Pacific University of Technology & Innovation (APU)	Indoor Monitoring System	BRONZE
131	Universiti Utara Malaysia (UUM)	ORGANIC BIOSINTOK PROWASH FROM ENTADA SPIRALIS (SINTOK) EXTRACT FOR POSTHARVEST APPLICATION OF AGRICULTURE PRODUCE.	BRONZE

List of Award Winner Pecipta'19



Booth	Institution Name	Project Title	MEDAL
10	Asia Pacific University of Technology & Innovation (APU)	AUTOMATED IRONING MACHINE	
15	Asia Pacific University of Technology & Innovation (APU)	C-Heart: Augmented Reality of a 3D Heart Anatomy.	
391	University College of Technology Sarawak (UCTS)	Towards Honeyerrific: Kelulut Powder as Natural Superfood	
128	Universiti Malaysia Kelantan (UMK)	New Propagation Technique For Urban Agriculture	SILVER
298	Universiti Teknologi MARA (UiTM)	Fueled Up Your Day With UnaCoffee	SILVER
190	Universiti Pertahanan Nasional Malaysia (UPNM)	Advance Aircraft Satellite Tracking System	SILVER
334	Management and Science University (MSU)	DERMACOL	SILVER
390	Universiti Kebangsaan Malaysia (UKM)	The Efficacy of Kejora Eyelid Cleanser in keeping lid hygiene and maintaining tear volume.	SILVER
350	Universiti Tun Hussein Onn Malaysia (UTHM)	Jaundice Optical Device	SILVER
156	Universiti Teknologi PETRONAS (UTP)	Cloud-Based Inspection Data Analytics for Reliability Assessment of Pipelines (BigPipes)	SILVER
270	Universiti Malaysia Kelantan (UMK)	Anti Animal Trash Bin	SILVER
223	Universiti Malaysia Kelantan (UMK)	Enhancement Efficiency of Silicone Based Antifoam	SILVER
397	Universiti Kebangsaan Malaysia (UKM)	AIRBOX Sense: An autonomous air quality sensor for air quality monitoring	SILVER
291	Universiti Pertahanan Nasional Malaysia (UPNM)	The development of 5.56 mm sniper rifle and barrel design	SILVER
243	Management and Science University (MSU)	MYCORAL UNDERWATER SEASCAPE	SILVER
46	Universiti Pendidikan Sultan Idris (UPSI)	WISE START @ UPSI KIT: FLOURISHING CHILD'S DEVELOPMENT	SILVER
159	Universiti Malaysia Pahang (UMP)	Data-Informed Intelligent TV Audience Measurement System Based on Adaptive IR Technology	SILVER
49	Ministry Of Human Resources (MoHR)	INFUSING AND RESHAPING CORE ABILITIES IN NOSS PROGRAMMES FOR ENHANCING EMPLOYABILITY IN GLOBAL MARKET: 102 AND INITIATIVES BY DSD, MALAYSIA	BRONZE
432	MRSM Gemencheh	PAM (pelikat at man)	SILVER
421	Kolej Vokasional (Pertanian), Teluk Intan, Perak	AQUAFERA	SILVER
433	SMK Seksyen 9 Shah Alam	Smart solar for Auto-Fertigation	SILVER
423	Kolej Vokasional Datuk Seri Mohd Zin, Alor Gajah, Melaka	electrical hydraulic clamp (EH- CLAMP)	SILVER
424	Kolej Vokasional (Pertanian), Teluk Intan, Perak	eLIPS Organic Poultry System	SILVER

List of Award Winner Pecipta'19



Booth	Institution Name	Project Title	MEDAL
436	SMKA Tok Bachok	TB KHUDZ	BRONZE
429	SMK Taman Universiti	Herbal First Aid Kit	BRONZE
426	Kolej Vokasional Datuk Seri Mohd Zin, Alor Gajah, Melaka	Fan Speed Control	BRONZE
427	SMJK Convent Datuk Keramat, Pulau Pinang	FIRE DETECTOR SYSTEM	BRONZE
430	SMJK Convent Datuk Keramat, Pulau Pinang	Maritime Helper	BRONZE
422	SMK Pasir Gudang 3	Eco Dustbin	BRONZE
420	SK Dato' Onn Jaafar	Floortime Therapy	SILVER
447	SK Bukit Kiara	Perpustakaan Bestari	SILVER
417	SK Pendidikan Khas Batu Pahat	Dobi Si Salju	SILVER
441	SMK Taman Tasik, 68000 Ampang	Kerusi Serbaguna	SILVER
457	SK Alor Pongsu	Universal Water Changer	SILVER
448	SMK Bandar Penawar	Pertanian Bandar	SILVER
456	SMK Bukit Jawa & Sk Kamil (1)	Tong Sampah Automatik PPKI	SILVER
410	SMK Datuk Peter Mojuntin	Deaf's Voice	SILVER
439	SMK Datin Onn Jaafar	Green Partner	SILVER
446	SMK Yong Peng	Teratak Bonda	SILVER
458	SMK Pendidikan Khas Setapak	Up N Down	SILVER
445	SK Pintas Raya	Model Pembangunan Holistik PPKI SKPR	SILVER
453	SK Permatang Tok Mahat	Sped-Table	BRONZE
455	SK Buloh Kasap	Tempe Ball, Yang Pertama Di Malaysia!	BRONZE
449	SK Bukit Kiara	Play And Learn Room	BRONZE
444	SMK Yong Peng	Mengitar Semula Air Kolam Ternakan Ikan Untuk Kegunaan Tapak Pertanian Dan Nurseri (Inovasi Ruang Dan Terapi Pembelajaran)	BRONZE
408	SK Sega	Akuaponik	BRONZE
440	SMPK Vokasional Merbok	i-SpenSkill	BRONZE
454	SK Kamil (1)	Tandas Mudah Alih Automatik	BRONZE