

PROJEK YANG DILULUSKAN PADA RMKe-11

No.	RMK	Jenis Dana	Tajuk Projek	Tahun Lulus
1	RMK11	DSTIN	Application of Marker Assisted Selection (MAS) to Introgress Multiple Pest And Disease Resistant Genes into the Malaysian Elite Rice Varieties	2016
2	RMK11	Flagship	Intelligent High Risk Profiling For Jabatan Kastam Diraja Malaysia (JKDM)	2016
3	RMK11	Facilitation	Natural Kiss Cosmetics	2016
4	RMK11	Facilitation	Allosyn	2016
5	RMK11	TechnoFund	Trackless Automated Guided Vehicle	2016
6	RMK11	TechnoFund	RFID Technology On Metal	2016
7	RMK11	TechnoFund	Setting-Up A Pilot Plant For Pre-Comercialization Of Rice-Straw Fiber Pulp For Packaging Products	2016
8	RMK11	TechnoFund	Pre-Commercialisation of Multistrand Post-Tensioning System	2016
9	RMK11	TechnoFund	Renewable energy - Air Powered Engine/Generator	2016
10	RMK11	TechnoFund	Pilot Production of Cocoa based Soap	2016
11	RMK11	TechnoFund	Pre-Commercialisation & Enhancement of a New Innovative Kenaf Anti Ricochat Composite for Target Practice in Shooting Range	2016
12	RMK11	TechnoFund	Cold-Flow Polymeric Emulsion for Oil Flow Assurance	2016
13	RMK11	TechnoFund	The Production of Oil Palm Fiber-Based Substrates for RF/Microwave Applications	2016
14	RMK11	TechnoFund	Newtonian Gyration Power Plant	2016
15	RMK11	TechnoFund	Pilot Scale De-Ashing Machine To Remove The Ash Forming Elements In EFB For Bio Oil Production	2016
16	RMK11	TechnoFund	Ecoloo - Sustainable Toilet System	2016
17	RMK11	TechnoFund	New Generation of Interactive Service Robot with In-Store Analytics Capabilities	2016
18	RMK11	TechnoFund	Nano encapsulation and Extraction of Keningau Cinnamon Using Ultra Sonic-Assisted Hydrodistillation	2016
19	RMK11	TechnoFund	Enhancement/Optimization of the Recovery of Dimension Stocks from Plantation Timbers using SDR Method in Conjunction with a Modified HTD System	2016
20	RMK11	TechnoFund	R-Entique: A Clean, Protected Home for Endoscopes	2016
21	RMK11	InnoFund	Development of Slot Bamboo Lumber (SBL)	2016
22	RMK11	InnoFund	Portable ECO Supply	2016
23	RMK11	InnoFund	DEVELOPMENT OF CLOTHES FOLDING MACHINE WITH AUTOMATIC HANGER	2016
24	RMK11	InnoFund	Penyelidikan, Reka Bentuk dan Pembangunan Penyaman Udara Vorteks	2016
25	RMK11	InnoFund	Filtering Apparatus	2016
26	RMK11	InnoFund	YJACK validation test	2016
27	RMK11	InnoFund	Breast Pump USB Cable	2016
28	RMK11	InnoFund	National Digital Textbook Platform	2016
29	RMK11	InnoFund	The Creation of and Clinical Trials on a Prototype od a Fixator for Correction of Fixed Flexion Deformities of the Digits	2016
30	RMK11	TechnoFund	Tailor Welded Blanks (TWB) Equipment Development	2017

31	RMK11	SMART	The Unisex Condom	2017
32	RMK11	SMART	Biocompatibility Platform For Protein Detection In Latex Glove and Automated Latex Glove Sample Cutting Machine	2017
33	RMK11	SMART	Advanced Purification Of Solvent For Critical High End Analysis In The Protection Of The Water-Food Resources	2017
34	RMK11	SMART	Pre-commercialized Prototype of Computerized Scalp Analysis and Treatment System	2017
35	RMK11	SMART	Development of Advanced Portable Device for Pain Management Using Thermoelectric Cooling Technology Based on Peltier Semiconductor Effect, Supplying Both Hot and Cold Theraphies	2017
36	RMK11	SMART	Preclinical Evaluation of A Therapeutic Cancer Vaccine for The Treatment of Head and Neck Cancer	2017
37	RMK11	SMART	Biogas/Agrogas/Green Energy, Organic Fertilizer And Clean Drinking Water Production Facility	2017
38	RMK11	SMART	Integrated Ubiquitous Recycling System And Waste Carbon Footprint Management In Community	2017
39	RMK11	SMART	Pre-commercialization Plan "Epoxidised Palm Oil for Rubber Industries"	2017
40	RMK11	SMART	Utilising Artificial Intelligence for Predicting & Vector Control in Malaysia	2017
41	RMK11	SMART	Crude Palm Oil Extraction System for High Oil Recovery	2017
42	RMK11	SMART	Development of a Pilot Scale Extraction Facility for the Extraction of Stevia Acitves from Stevia Plant Leaves	2017
43	RMK11	InnoFund	Low Cost But High Quality Porous Nickel Titanium Dental Implant Via Metal Injection Moulding (MIM)	2017
44	RMK11	InnoFund	Penambahbaikan Mekanisme Pelekapan di antara Disk Pelinciran Rantai Dengan Sproket Motorsikal	2017
45	RMK11	InnoFund	Development of a Composite Modular Catamaran for the Marine Tourism Industry	2017
46	RMK11	InnoFund	Development of Airport Driving Simulator and Crew Training System for Airport Ground Handling	2017
47	RMK11	InnoFund	Halal Gliclazide 60 Mg Formulated As Slow-release Dosage Form for Diabetes	2017
48	RMK11	InnoFund	Tactical Security Baton	2017
49	RMK11	InnoFund	Handover	2017
50	RMK11	ICF	Development of Integrated System of Ocean Forecasting and Observation Network in Malaysia Waters of Southern South China Sea	2017
51	RMK11	ICF	Source And Fate Of Ciguatera Fish Poisoning (Cfp)-toxins And Its Implications On Coral Reef Ecosystem Health And Seafood Safety	2017
52	RMK11	R&D RMK11	PBOXpert: A Rental Predictor Expert System for Purpose-built Offices in Malaysia Using GIS-AHP Integration.	2017
53	RMK11	R&D RMK11	Design and Implementation of a Parallelized Complex Event Processing Platform For Internet of Things Application	2017
54	RMK11	R&D RMK11	Embedded Neural Network FPGA for cart follower	2017
55	RMK11	R&D RMK11	Adaptive Auditory Brainstem Response Extraction in Wireless Mobile Application	2017
56	RMK11	R&D RMK11	A Novel Variation Of Talk Test-Based Software For Monitoring And Prescribing Exercise Intensity In Cardiac Rehabilitation	2017
57	RMK11	R&D RMK11	Unsteady Blood Flow Visualization for Abdominal Aortic Aneurysm	2017
58	RMK11	R&D RMK11	Development of an Adaptive Reflectarray 5G Antenna for User Tracking Applications	2017
59	RMK11	R&D RMK11	Ingenious Technique to Diminish Peak Average Power Ratio (PAPR) Obstacle in the Future 5th Generation (5G) Wireless Systems.	2017
60	RMK11	R&D RMK11	Mobile Based Automated Car Plate Localization and Recognition using Neural Networks	2017
61	RMK11	R&D RMK11	Novel High Performance Ambient RF Energy Harvesting System-on-chip for Emerging Wireless Devices and Mobile Applications	2017
62	RMK11	R&D RMK11	Automated Diagnosis and Prognosis of Chronic Wounds for e-Health Applications	2017

63	RMK11	R&D RMK11	Parametric Tracking of Targets on Non-overlapping distributed cameras.	2017
64	RMK11	R&D RMK11	Compact Multi-Antenna Wireless Energy Transfer System for Internet of Thing (IoT) Device	2017
65	RMK11	R&D RMK11	Innovative High Dynamic Range Imaging - from Information Hiding to Its Applications	2017
66	RMK11	R&D RMK11	Pipe Crack Detection System by Using the Non-destructive Testing based Mindstorm Robot with Multiple NXT Sensors	2017
67	RMK11	R&D RMK11	Validation of the PASD1 protein as an immunotherapeutic target in colorectal cancer	2017
68	RMK11	R&D RMK11	Development of a proof-of-concept viral vaccine with codon and codon-pair deoptimization: Enterovirus A71 attenuated vaccine	2017
69	RMK11	R&D RMK11	Improving Bioavailability of Antihypertensive Bioactive Peptides Derived from <i>Actinopyga lecanora</i>	2017
70	RMK11	R&D RMK11	Rescue of photoreceptors degeneration by human mesenchymal stem cells expressing erythropoietin in a rat model of retinitis pigmentosa	2017
71	RMK11	R&D RMK11	Development of an Effective and Sustainable Alginate-Starch Based Microencapsulation and Controlled Release for <i>Trichoderma harzianum</i> UPM29	2017
72	RMK11	R&D RMK11	Development of Parapoxvirus vaccine to control Contagious ecthyma (Orf) among small ruminants in Malaysia	2017
73	RMK11	R&D RMK11	Enzymatic Acidolysis Using Lipase from <i>Geobacillus</i> sp. strain ARM to Produce Cocoa Butter Substitute	2017
74	RMK11	R&D RMK11	Study on the technical feasibility, safety and efficacy of cellular immunotherapy in metastatic human breast cancer mouse model	2017
75	RMK11	R&D RMK11	Safety and Efficacy of Oral Emulsion and Implanted Beads of <i>N. sativa</i> -Gentamicin Antibiofilm Fusion for Osteomyelitis.	2017
76	RMK11	R&D RMK11	Microalgae Bio-product from Phycoremediation of Different Wastewaters as Fish Feed	2017
77	RMK11	R&D RMK11	Nanoformulation of rotigotine intended for direct nose to brain targeting in Parkinson disease	2017
78	RMK11	R&D RMK11	CRISPR/Cas9 mutation-specific gene editing of an obesity risk loci as a potential gene therapy tool for obesity	2017
79	RMK11	R&D RMK11	Development of Smart Microsurgical Device in Retinal Microsurgery Based on Optical Tactile Sensing Technique	2017
80	RMK11	R&D RMK11	Partially transparent bifacial solar panel for building façade	2017
81	RMK11	R&D RMK11	Industrially Relevant Vibration Sensors and Dosimeters Based on Graphene Infused Natural Rubber and Latex Composites	2017
82	RMK11	R&D RMK11	Development of a robotic navigation system for neurology and spine surgery	2017
83	RMK11	R&D RMK11	One-step process for microalgal biodiesel production using Subcritical Water Extraction (SWE) technology	2017
84	RMK11	R&D RMK11	Development of composite adsorptive membrane for the removal of dye and heavy metals in wastewater	2017
85	RMK11	R&D RMK11	Carrier-assisted Transport of Metals by Multi-stage Supported Liquid Membrane System	2017
86	RMK11	R&D RMK11	Conversion of Carbon Dioxide to Solar Fuels using Novel Nanostructured Continuous Photocatalytic Reactor	2017
87	RMK11	R&D RMK11	Design and Development of Fire Retardant High Strength Sandwich Structure for Building Construction	2017
88	RMK11	R&D RMK11	Development of Maerogel/Epoxy Composite for Sustainable Thermal Insulation Applications	2017
89	RMK11	R&D RMK11	Low Speed Vertical Axis Current Turbine for Electrification of Remote Areas in Malaysia	2017
90	RMK11	R&D RMK11	Development of a New Advanced Manufacturing Technique for 3D Metal Printing using a Micro-Plasma System and Characterization of the Printed Material	2017
91	RMK11	R&D RMK11	Development and characterisation of a flexible valve timing system towards optimised performance of small internal combustion engines.	2017

92	RMK11	R&D RMK11	An integrated online control valve stiction diagnosis and compensation in a hybrid Model Predictive Controller framework	2017
93	RMK11	R&D RMK11	Optimization of Non-Catalytic Dimethyl Carbonate Method For Biodiesel Production using Microwave Assisted Reaction	2017
94	RMK11	R&D RMK11	A Novel RF(Radio Frequency) Energy Harvesting Prototype Operating on Multiple Frequency Bands with Advanced Power Management System.	2017
95	RMK11	R&D RMK11	Fabrication and characterization of a cost effective and efficient bi-facial solar module with Pt-reinforced interconnections	2017
96	RMK11	R&D RMK11	Development of high performance cold plate for industrial application	2017
97	RMK11	R&D RMK11	A Proposal To Improve Seasonal Forecasting Capacity for Malaysia with an Atmosphere-Ocean Coupled Regional Climate Model	2017
98	RMK11	R&D RMK11	Development of a Prototype Biomimetic Micro Air Vehicle (BMAV)	2017
99	RMK11	R&D RMK11	Implications of Current Pattern on Dispersal of Coral Larvae in Isolated Reef near Balok Coastal Area	2017
100	RMK11	R&D RMK11	High-Resolution Estimation of Carbon Stock and Changes in Tropical Forests of Sabah for Capturing Climate Change Funds	2017
101	RMK11	R&D RMK11	Development of a low energy input pulsed plasma thruster (PPT) for 3U cubesats	2017
102	RMK11	R&D RMK11	Development of an On-the-go Variable Rate Fertilizer Application System for Paddy Production	2017
103	RMK11	R&D RMK11	The Optimized Plate Type Floor Splitter Design to Reduce Vortices in Water Pump Intake	2017
104	RMK11	R&D RMK11	Ramalan Potensi Pencemaran Pestisid dan Nutrient Menggunakan Model SWAT di Cameron Highlands, Pahang, Malaysia.	2017
105	RMK11	R&D RMK11	Application of Modified Natural Fiber in Lime Treated Tropical Marine Soil to Enhance its Dynamic Behaviour	2017
106	RMK11	R&D RMK11	Assessing the Implementation of Green Space Policy on Housing Development in Peninsular Malaysia	2017
107	RMK11	R&D RMK11	Evaluation of nNav1.5 as a target for immunotherapy in an experimental model of aggressive breast cancer	2017
108	RMK11	R&D RMK11	A Low Embodied Energy Hybrid Binder and Aggregate System for Structural Concrete Production	2017
109	RMK11	R&D RMK11	Combining Cost Benefit and Reliability Analyses of Rain Water Harvesting System for Commercial Buildings	2017
110	RMK11	R&D RMK11	Novel Tactile Sensory Surface Mat with Electrical Stimulation (SMES) for the Prevention of Pressure Ulcers due to Immobility	2017
111	RMK11	R&D RMK11	Development of a Parallel biosensing system for personalized and point-of-care chemotherapy treatment	2017
112	RMK11	R&D RMK11	Development of Wireless Power Transfer Technologies for Medical Implantable Devices Based on the Capacitive Approach	2017
113	RMK11	R&D RMK11	Development of Two Wheeled Stabilization Mobility System Using Fuzzy Logic Control based Spiral Dynamic Optimization Algorithm.	2017
114	RMK11	R&D RMK11	An Enhancement Model Of Virtual Fine Motor Rehabilitation Using Kinematic Approach With Intelligent Bio Feedback	2017
115	RMK11	R&D RMK11	Development of a Prototype Computational Platform for Assisted Interventional Planning of Radiofrequency Ablation and Cryoablation Treatment of Cancer	2017
116	RMK11	R&D RMK11	eBaby language assessment: Development and application of an innovative mobile and tablet-based formal language assessment tool to detect language delay in young children	2017

117	RMK11	R&D RMK11	Design and development of an automatic feeding device for Pineapple transplanter.	2017
118	RMK11	R&D RMK11	Development of Medium-Weight Cementitious Composite Containing Polymer and Lignocellulosic Residues Construction Material	2017
119	RMK11	R&D RMK11	Development of low hazard water-based preservative for wood and other cellulosic-based materials: Part 1 - Encapsulated organic biocides against bio-deteriorating agents	2017
120	RMK11	R&D RMK11	Development of a new technique for preparing advanced material (Ionic Liquid Gel Polymer Electrolytes) for lithium (Li) battery application.	2017
121	RMK11	R&D RMK11	Development of a prototype nanocrystal non-toxic semiconductor in quantum dot sensitized solar cell	2017
122	RMK11	R&D RMK11	Grapheneous Conductive Ink For Inkjet Printing Of Nanodevice Applications	2017
123	RMK11	R&D RMK11	Development of Metal Organic Framework (MOF)-Thin Film Nanocomposite Forward osmosis (FO) Membrane for produced-water recovery	2017
124	RMK11	R&D RMK11	Fabrication Of Zirconia Using Nano Calcium Oxide Derived From Cockle Shells As Stabilizer For Dental Application	2017
125	RMK11	R&D RMK11	Development of Graphene-Magnetic Iron Oxide Water Based Nanofluid Coolant for machining applications	2017
126	RMK11	R&D RMK11	High Performance White Quantum Dot Light Emitting Diode (QD-LED) based on InP/ZnSe/ZnS Colloidal Nanocrystal	2017
127	RMK11	R&D RMK11	Low pressure storage system using amine functionalize multiwall carbon nanotube as adsorbent materials for natural gas storage	2017
128	RMK11	R&D RMK11	Development of transparent and flexible nanofibrillated cellulose thin film from local forest species as a green substrate for potential electronic application	2017
129	RMK11	SMART	Smart Industrial Radiography Winder System for Enhanced Radiation Safety and Inspection Productivity	2018
130	RMK11	SMART	Commercialization of Non-invasive Blood Glucose Monitoring Device for Medical Applications and Self-diagnostic Devices	2018
131	RMK11	SMART	Black Seed Oil Alginate Beads	2018
132	RMK11	SMART	Safety and Drug-herb Interactions Labelling Initiative for Finished Botanical Products, Integrating Data Science and Experimental Strategies	2018
133	RMK11	SMART	Deep Retinal Classifier: Automatic Detection of Retinal Vein Occlusion using Convolution Neural Network (CNN) Approach in Fundus Eye Images	2018
134	RMK11	SMART	Pilot Scale Development of Antimicrobial Biocomposite Membrane for Dentistry and Orthopaedics	2018
135	RMK11	SMART	Development of a Lateral Flow Based Rapid Test for Human Papilloma Virus Strains HPV-16 and HPV-18	2018
136	RMK11	SMART	Development of Biocomposite Floating Jetty for Logistic and Operation of Malaysian Armed Forces	2018
137	RMK11	SMART	Virgin Coconut Oil in Reducing Lipid Profile, Glucose and HS_Creative Protein Among Coronary Heart Disease Patients	2018
138	RMK11	SMART	Automated Bambara Groundnut Flour Production Line (BamPro)	2018
139	RMK11	SMART	Redevelopment of Automatic Log Boom System	2018
140	RMK11	SMART	Waste Manure Biological Harmless Treatment in Papar, Sabah	2018
141	RMK11	SMART	Pre Commercialization Of Wind Energy Production In Kota Belud, Sabah	2018
142	RMK11	SMART	Imengiti PD : A Portable Tidal Peritoneal Dialysis System	2018
143	RMK11	SMART	Malaysian Found Fungi to Convert Agriculture Waste to New Advanced Material as Material Replacement for Wood, Paper and Plastic	2018

144	RMK11	SMART	A Novel Processing Technology To Produce High Purity “Crystalline and Fused” Quartz Powder (SiO ₂) Specially for The Semiconductor and Electronics Industries	2018
145	RMK11	SMART	Cytopedics® Umbilical Cord Mesenchymal Stem Cells (Cyto-MSC) For Patients With Grade II–IV Acute Graft-versus-host Disease: A Phase I/II Clinical Study	2018
146	RMK11	SMART	Expert System for DSL Communication Optimization With Cable Fault Identification	2018
147	RMK11	SMART	Green Materials-rubber based Waste Recovery & Recycling Products	2018
148	RMK11	InnoFund	Development of Green Industrial Building System Utilising Light Weight Kenaf Based Composite Material	2018
149	RMK11	InnoFund	Development Of Ground Sensors, Drone Communication Systems, And Reporting Dashboard/App For Precision Agriculture	2018
150	RMK11	InnoFund	Unique Self-adjustable Centre Stand (“UAC Stand”) for Powered Two Wheel Vehicle (PTW) / Motorcycle	2018
151	RMK11	InnoFund	Kenaf Non-woven Fiberboard (KNWF)	2018
152	RMK11	InnoFund	Sistem Penghasilan Briket dan Asap Cecair (Liquid Smoke) dari Pembakaran Buluh	2018
153	RMK11	InnoFund	Project to Develop The Self-directed Search Software That Implements Prof. Dr. John Holland’s Theory for The Purpose of Career Planning	2018
154	RMK11	InnoFund	New Tools for Discovery of Malaysian Natural Therapeutics	2018
155	RMK11	InnoFund	MyBrave	2018
156	RMK11	InnoFund	Commercialization of Hermetia Illucens Larvae Biomass and Azolla Plant : Sustainable Chicken Farm	2018
157	RMK11	InnoFund	Synthesis and Characterization of Polyurethane Material for the Development of Synthetic Bone	2018
158	RMK11	InnoFund	Merdeka Lime - An Innovative Breakthrough In The Evolution of Lime Fruit Has The Potential to Spring A Giant Leap In The Global Lime-based Industries	2018
159	RMK11	ICF	Malaysia-China Research and Cooperation on Marine Renewable Energy Utilization	2018
160	RMK11	ICF	A Two-tier Detection of Xylazine By Novel Electrochemical Sensor Screening and Gas Chromatography Determination	2018
161	RMK11	ICF	Developmental Cognitive Robot With Continual Lifelong Learning	2018
162	RMK11	ICF	Electrokinetic Separation on A Polymer Inclusion Membrane	2018
163	RMK11	ICF	Virtual Reality Emotion Detection (VRED): Developing An Immersive Affective Computing System via Wearable EEG, Eye-tracking and Inertial Sensing	2018
164	RMK11	ICF	Vehicle-to-Vehicle (V2V) and Vehicle -to-Infrastructure (V2I) Interaction based on Visible Light Communication for Intelligent Transportation System (ITS) in Smart City	2018
165	RMK11	SMART	Development of a Range of Specialty Semi-Solid Pharmaceutical Dosage Forms using Hamin-C®, a Robust Pharmaceutical Excipient Developed by University of Malaya Using 100% Local Palm Oil Resources	2019
166	RMK11	SMART	Pilot Manufacturing Process of Producing Current Collector using Local Carbon Material for Light Rail Transit (LRT) Application	2019
167	RMK11	SMART	Mobile-based Community Pepper Farm Management System for Farmer Support, Disease and Nutrient Deficiency Diagnostic	2019
168	RMK11	SMART	Manufacture of T-Arm Manipulator for Industrial Material Handling Equipment	2019
169	RMK11	SMART	RapidRAW Screening Technology: Fake Honey Detection	2019
170	RMK11	InnoFund	A Novel Method of Bio Pesticide and Bio-input Production through Solid-state Fermentation of Agricultural Waste	2019
171	RMK11	InnoFund	Mobile-based Decision Support System for the Remote Consultation in Envenoming Case	2019

172	RMK11	ICF	Data Science Platform for Smart Diagnosis of Upper Limb Spasticity	2019
173	RMK11	ICF	Sustainable Metal-organic Frameworks (MOFS) as Hubs for Controlled Release of Fungicide Formulations for Combating Fungal Diseases in Agricultural Commodities	2019
174	RMK11	ICF	Plasma-enhanced Chemical Vapor Deposition (PeCVD) Modification of Thin Film Nanocomposite (TFN) Membranes for Effective Nanofiltration of Water and Wastewater Process	2019
175	RMK11	ICF	Recovery and Bioactivities of Edible Birds Nest and Sialic Acid from Edible Birds Nest Co Products	2019
176	RMK11	ICF	Conversion of Agrowaste Into Electricity Via Microbial Electrochemical System	2019
177	RMK11	ICF	Development of Time Resolved Radiation Dosimetry System	2019
178	RMK11	ICF	Fabrication of Ovine Collagen Type I Bioscaffold Integrated with Peppermint via Plasma Treatment for Future Use in Diabetic Wound Care Management	2019
179	RMK11	ICF	System on Package (SoP) Variable Dc Power Source From Environmental Vibration Based on Carbon Derivatives on Flexible Substrates	2019
180	RMK11	ICF	Development of Advanced Sonication Decellularization Prototype to Engineer Bioscaffolds	2019
181	RMK11	ICF	Development of Virtual Patient Model For Mechanically Ventilated Respiratory Failure Patients	2019
182	RMK11	ICF	Calo-Lite: Smart Counter with Integrated Calories System for Tracking Athlete's and Active Individuals Dietary Intake	2019
183	RMK11	ICF	Synthetic Antibody As Prophylactic Approach Against Early Mortality Syndrome In Shrimp	2019
184	RMK11	ICF	Immunomodulatory Effects of Malaysian Fermented Food Improved by the Inclusion of Probiotic Starter Cultures	2019
185	RMK11	ICF	Maspore-All 2020: Improving Risk Assignment and Treatment Outcome in Childhood Acute Lymphoblastic Leukaemia through Precision Medicine and Immunotherapy	2019
186	RMK11	ICF	Investigation of Influencing Physico-Chemical Factors and The Mechanism of Dioxins Formation from Combustion of Peat in Malaysia in The Presence of Different Precursors and Catalysts	2019
187	RMK11	Mestec R&D	Advanced Glass Micro-Capillaries and Micro-Wells: Funds for Process Improvement and Up-Scaling	2019
188	RMK11	Mestec R&D	PLASTRX-Single-handed Operation Of Sterile Adhesive Plaster Dispensing Device for Needle Stick Wounds	2019
189	RMK11	Mestec R&D	Metallization Wrap Solar Cells (Solar Panel) For Enhancing Energy Efficiency	2019
190	RMK11	Mestec R&D	Development off Phytase Enzyme that is Thermostable and High in Activity	2019
191	RMK11	Mestec R&D	A Proprietary Bio-Fermentation Process to obtain Biochemical 1,3-Propanediol (PDO), using Crude Glycerine as Raw Material, where PDO is mainly used to make Polytrimethylene Terephthalate (PTT) Polyester as Clothing Material in Textile Industry	2019
192	RMK11	Mestec R&D	Virtual Reality Application in Clinical Training, Diagnosis and Therapy	2019
193	RMK11	Mestec R&D	Production of Seaweed-Based High-Protein Animal Feed Additive with Functional Micronutrients for Improved Health of Broiler and Layer Chickens in Local Food Production Sector	2019
194	RMK11	RFP	Cost Effective, User-Friendly, Simple and Rapid Testing Device to Differentiate between Biodegradable and Compostable Plastic with Conventional Plastic	2019
195	RMK11	RFP	Development of a Portable Detector for Distinguishing Biodegradable Plastics through a Spectral Fingerprinting Method	2019
196	RMK11	RFP	Sustainable food packaging material from oil palm empty fruit bunch (EFB) cellulosic fibre extracted using hybrid chemical-mechanical-thermal process	2019
197	RMK11	RFP	Integrated Fiber Treatment Assisted With Continuous Steam Explosion Process	2019

198	RMK11	ICF	Rhamnolipids Biosurfactant Production From Waste Glycerine and Its Potential Application in Agricultural Industries	2020
199	RMK11	ICF	Development Of Self Healing Properties On Microwave Devulcanized Ethylene Propylene Diene Monomer Rubber (EPDM) Waste - Natural Rubber Pavement.	2020
200	RMK11	ICF	Development of Graphene-Zinc Oxide Nanocomposites as Flexibles Nanogenerator	2020
201	RMK11	ICF	Design and Development of A Drone Based Hyperspectral Imaging System for Precision Agriculture	2020
202	RMK11	ICF	Integrated Multimodal Soil Health Sensing Detection Techniques with Low Power Connectivity	2020
203	RMK11	ICF	A Universal Influenza Vaccine for Human and Avian Based on Virus-Like Particles of Macrobrachium Rosenbergtii Nodavirus (MRNV)	2020
204	RMK11	ICF	Omniphobic Ceramic Hollow Fiber Membrane for Membrane Distillation	2020
205	RMK11	ICF	Development Of Translucent Photocatalytic Membrane Through Morphological Advancement For Oilfield Produced Water Treatment	2020
206	RMK11	ICF	The Optimization of Mineral Processing of Coal Bottom Ash for Large Volume Reuse as Constituent Binder and Aggregate for Concrete Production at Industrial Scale	2020
207	RMK11	ICF	EMIC-BBR: Polishing of Ammonia and Endocrine-disrupting Compounds In Secondary Treated Sewage to Support National Standard Water Quality	2020
208	RMK11	ICF	Fucoidan From Malaysian Brown Seaweeds as Anti-Obesity and Prebiotic Ingredients In Kombucha Beverage	2020
209	RMK11	ICF	Design And Development Of Pulmonary N-methylated Peptide YKWYYRGAA Liganded Chitosan-5-Fluorouracil-Folate Nanoparticles For Lung Cancer Treatment	2020
210	RMK11	Mestecc R&D	An Optimization of Succinimide Dispersant Production at Pilot Plant Scale	2020
211	RMK11	Mestecc R&D	Clinical Trial of the Porous Nickel Titanium Dental Implant	2020
212	RMK11	Mestecc R&D	A Randomized and Open Label Phase 2 Clinical Trial of Low-GI, Polyphenol-Rich UKMRC-9 Red Rice on Cardiometabolic Parameters in Patient with Type 2 Diabetes	2020
213	RMK11	Mestecc R&D	Real-Time Digital Biosurveillance of Foot and Mouth Disease (FMD) in Malaysian Cattle Population using Portable Aptasensor Technology in Support of 'Pelan Strategik Kawalan Kebangsaan FMD' 2018-2023	2020
214	RMK11	Mestecc R&D	Pembangunan Loji Perintis Pengeluaran Benih Padi Asas Dan Pembangunan SOP Penghasilan Benih Padi Nuklear Malaysia NMR152	2020
215	RMK11	Mestecc R&D	Trackless AGV For Hospitals And Healthcare Industry	2020
216	RMK11	Mestecc R&D	BCare : AIoT Platform With Thermal Vision For Assisted Living	2020
217	RMK11	Mestecc R&D	Autonomous Surface Vessel For Sedimentation Investigation In Port	2020