

PROJEK YANG DILULUSKAN PADA RMKe-10

Bil.	RMK	Jenis Dana	Tajuk Projek	Tahun Lulus
1	RMK10	InnoFund	Projek penternakan Udang menggunakan Sistem Networking dan skala kecil	2011
2	RMK10	InnoFund	Peningkatan Sosio-Ekonomi Komuniti Melalui Pembangunan Kemudahan Ekstraksi Produk Oleoresin Gaharu Dan Aplikasi Teknologi Inokulasi Pokok Karas Fasa 2: Pembangunan Kilang Ekstraksi Minyak Gaharu Berinovasi"	2011
3	RMK10	InnoFund	Low-Cost Mobile Charger for Mobile Phone	2011
4	RMK10	InnoFund	Ceiling Fan Cleaning Machine	2011
5	RMK10	InnoFund	Ergonomic Antimicrobial Body Wash dispenser for rheumatology and dermatology patients	2011
6	RMK10	InnoFund	Community Empowerment For Dyslexia Through Use Of Optometric Assistive Technology Aids, Interactive Website Delivery And Teacher And Parent Education Programs	2011
7	RMK10	InnoFund	Development of Enhanced Interactive Education Enabler with High Sensing Augmented Reality Platform	2011
8	RMK10	InnoFund	2i Skill Training Mart	2011
9	RMK10	InnoFund	Custom-made CNC machine for Foundry Pattern and Model-Making	2011
10	RMK10	InnoFund	Menaiktaraf dan membekalkan Sistem Kutipan Yuran (SKY) secara online	2011
11	RMK10	InnoFund	PLPT-Portable Leak & Pressure Test Method	2011
12	RMK10	InnoFund	Cloud Data Management System	2011
13	RMK10	InnoFund	Pembuatan dan pemulihan kerusi roda khusus kanak-kanak spastik secara tailor made	2011
14	RMK10	InnoFund	Emergency Volunteers and Alert System for Remote Areas (EVAS)	2011
15	RMK10	InnoFund	Beliakreatif: Pusat Teknologi E-Komuniti Kreatif Multimedia Untuk Memperkasakan Belia Kampung Kijang	2011
16	RMK10	InnoFund	Each One Teach One (TeamTeach)	2011
17	RMK10	InnoFund	Obesity Busters: A community project to address alarming obesity problem amongst school children.	2011
18	RMK10	InnoFund	Proxy Medium Expansion (PMX)	2011
19	RMK10	InnoFund	Pengkomersilan Kincir Angin Wind on Wheel (WOW)	2011
20	RMK10	InnoFund	IDOLA	2011
21	RMK10	InnoFund	Negative Pressure Wound therapy Device	2011
22	RMK10	InnoFund	A Heat-Driven adsorption air-conditioning system for vehicle by using bio-derived material.	2011
23	RMK10	InnoFund	Projek Penanaman dan Pengeluaran Bahan Pertanian Bernilai Tinggi (v.planifolia) Melalui Penggunaan Teknologi Aruhan Bagi Menghasilkan Awal Buah (fasa Pembinaan Pondok Pelbagai Guna Untuk Ladang Vanilla)	2011
24	RMK10	TechnoFund	Magic W3	2011
25	RMK10	TechnoFund	NEWAY Liquid Chalk	2011
26	RMK10	TechnoFund	Single Card Access Maximum Security System	2011
27	RMK10	TechnoFund	A Soft Tracked Multi Terrain Harvester for Oil Palm Fresh Fruit Branches	2011
28	RMK10	TechnoFund	Automated Glove Stripping Machine	2011
29	RMK10	TechnoFund	Development of a Novel Light Diffusion Sheet for Liquid Crystal Diffuser (LCD).	2011
30	RMK10	TechnoFund	GEO-iDashboard (Geospatial Executive Information System)	2011
31	RMK10	TechnoFund	To Design, Develop and Fabricate a 5,000 Liters Per Day Pilot Plant Which Will Convert Hydrocarbon Gases Into Euro V High Performance Green Technology Commercial Diesel Oil From Fractional De-Polymerization Process Of Thermoplastic	2011
32	RMK10	TechnoFund	Application of Shrimp Biodefence Genes Expression Astrait Markers for Disease Resistance In Black Tiger Shrimp (Penaeus Monodon) Aquaculture	2011
33	RMK10	TechnoFund	Sustainable Thin Film PV Building And The Renewable Energy Generation At The Tip Of Borneo, Kudat, Sabah.	2011
34	RMK10	TechnoFund	Malaysia Secured Mobile Application For Short Messaging Services (SMS) And Multimedia Messaging Services (MMS) System	2011
35	RMK10	TechnoFund	Enhancement Of The Prototype Synthetic Aperture Radar - Unmanned Aerial Vehicle (SAR-UAV) System For Multipurpose Remote Sensing Application	2011
36	RMK10	TechnoFund	R&D of Bare Silicon Wafer Inspection and Sorting Machine	2011
37	RMK10	TechnoFund	Fabrication of highly Doped Active Optical Fiber for laser application	2011
38	RMK10	TechnoFund	Combined OWLEF solution for Enabling Low Cost and Power Efficient High	2011
39	RMK10	TechnoFund	Pembangunan Enjin Bot Sangkut Buatan Malaysia, Super Red 1	2011
40	RMK10	TechnoFund	Development and Certification of High Pressure Miniature Safety Valves for Controlling and Monitoring Well Head Operation in Extraction of Crude Oil at Onshore and Offshore Platforms	2011
41	RMK10	TechnoFund	An Integrated processor and Palletizer system for oil palm empty fruit bunches (EFB)	2011

42	RMK10	TechnoFund	Bot nelayan rekabentuk baru pacuan elektrik yang dijana dari tenaga alternatif	2011
43	RMK10	ScienceFund	Effective Traffic Driven Handoff Management Scheme Based On System Architecture Evolution (Sae)	2011
44	RMK10	ScienceFund	Socio-Legal Impacts of Information and Communication Technologies (ICT) on the Judicial Business	2011
45	RMK10	ScienceFund	Spiking-LVQ Network for Brain Tumor Detection	2011
46	RMK10	ScienceFund	A Linear-Temporal Formal Language for Context-Sensitive Security Policies in Cloud Computing	2011
47	RMK10	ScienceFund	An Effective Performance Evaluation System for Practical Quantum Key Distribution Protocols using OptiSystemTM	2011
48	RMK10	ScienceFund	SCARECROW : Scalable Automatic Malware Reporting and Detection System Utilizing Crowdsourcing	2011
49	RMK10	ScienceFund	Development of Intelligent Video Watermarking for Copyright Purposes	2011
50	RMK10	ScienceFund	The Development And Implementation Of An Intelligent Tracking And Monitoring System Using Embedded Wireless Sensor Network (Wsn) With Radio Frequency Identification (Rfid) For Industrial Automation	2011
51	RMK10	ScienceFund	Development of Computational Intelligent Infertility Detection System Based on Sperm Motility Analysis	2011
52	RMK10	ScienceFund	FPGA-based Secure Embedded System for Personel Authentication using Finger Vein Biometrics	2011
53	RMK10	ScienceFund	Design and Fabrication of Double Negative Material for Microwave Application	2011
54	RMK10	ScienceFund	Standalone Digital signal processing (DSP) Design for Biomedical Signal Processing Based on Kalman Filtering	2011
55	RMK10	ScienceFund	Adaptive Online Testing for MPEG Processing on Network-on-Chip	2011
56	RMK10	ScienceFund	Novel Approach for Fruit Quality Evaluation Using Artificial Intelligence based 3D Mapping	2011
57	RMK10	ScienceFund	Development of Intelligent Tracking System Based on Wireless LAN for Indoor Environments	2011
58	RMK10	ScienceFund	An Integrated Decision Support System using Grid Environment for Forensic DNA Analysis in Crime Investigation	2011
59	RMK10	ScienceFund	Feasibility Study on Herb Leaves Recognition Algorithm Using Vision Techniques and Odour Sensing for Herbs and Plant Classification and Data Warehousing Expert System	2011
60	RMK10	ScienceFund	Omnidirectional Surveillance System Featuring Trespasser and Faint Detection for i-Habitat	2011
61	RMK10	ScienceFund	An application of a MEMS Resonator Based Microhotplate Platform as a Mass Sensitive Flammable Gas Sensor	2011
62	RMK10	ScienceFund	IEEE 802.16 (WiMAX) Teletraffic Performance Improvement by Innovative Smart Antenna System	2011
63	RMK10	ScienceFund	Automated Intelligent system for medical waste segregation and reuse using neuro-fuzzy logic	2011
64	RMK10	ScienceFund	Software System for Design of Linear and Nonlinear Controllers for Nonlinear SISO and MIMO Plants	2011
65	RMK10	ScienceFund	A novel low-cost multiplexing technique for optical communication systems in order to bridge the digital divide	2011
66	RMK10	ScienceFund	Pulse Laser-assisted Nano-texturing of Silicon Surface with Double Nano-textured ZnO Transparent Conducting Oxide Growth for Effective Photon Entrapment in High Efficiency HIT-Silicon Solar Cell for WSN	2011
67	RMK10	ScienceFund	A Predictive Centralized Protocol for Enabling Seamless Layer-2 Roaming Capabilities in secured Wi-Fi Access Environment	2011
68	RMK10	ScienceFund	Effective Differentiation Multihopping in Optimizing Wireless Access and Backhaul Networks	2011
69	RMK10	ScienceFund	Coverage and Capacity Optimization for 4G Heterogeneous Multi-hop Broadband Wireless Networks	2011
70	RMK10	ScienceFund	Seamless Inter Network Mobility for Nodes in Personal Area Network using IPv6 Protocol	2011
71	RMK10	ScienceFund	Reducing Server Workload and Long-Distance Traffic with Server Mobility and Dynamic Traffic Redirection	2011
72	RMK10	ScienceFund	Distributed Cooperative Sensing Mechanism and Dynamic Spectrum Management for Wireless Mesh Networks	2011
73	RMK10	ScienceFund	Cooperative Interference and Detection for Cognitive Radio Networks	2011
74	RMK10	ScienceFund	Enabling AVQoS for Adaptive Streaming in Heterogeneous Network Environment Utilizing Non-Intrusive Bandwidth Information	2011
75	RMK10	ScienceFund	An Intelligent and Cognitive Selection Mechanism for Multiple Wireless Broadband Technologies	2011
76	RMK10	ScienceFund	Statistical Background Modelling and Object Extraction in Dynamic Scene	2011
77	RMK10	ScienceFund	Certificate-free Key Infrastructure for Large Distributed Networks	2011
78	RMK10	ScienceFund	Addressing cognitive overload with automated camera view selection in an augmented virtual environment	2011
79	RMK10	ScienceFund	An Overlay Network for Service Specific Applications in Virtualized Environment	2011
80	RMK10	ScienceFund	An Open and Robust Architecture for Internet of Things Using a New Layered Protocol Approach	2011
81	RMK10	ScienceFund	Low Power, High Resolution, Low Noise, Unified Sensor Electronics	2011
82	RMK10	ScienceFund	Highly Sensitive Sub-PPM Molecular Detection Nanosensors based on 2-D graphene nanolayer for Wireless Sensor Network (WSN) Applications	2011
83	RMK10	ScienceFund	Enabling Fast and Accurate Image Analysis for Detecting Abnormal Human Posture Utilizing Software Reconfigurable Processor	2011
84	RMK10	ScienceFund	Research into method for indexing the Linked Open Data cloud to facilitate the distributed query of semantic knowledge	2011
85	RMK10	ScienceFund	New innovative Data Mining and Information Retrieval Techniques for Intelligent Automatic Request Personalization in User Aware Application	2011
86	RMK10	ScienceFund	Optimisation of Adaptive Testing Algorithms and Item Selection for Computerised Adaptive Testing (CAT) Delivery	2011
87	RMK10	ScienceFund	An Ontology-based Integrated Model for Automatic Knowledge Analytic Discovery	2011
88	RMK10	ScienceFund	Multi-Feature Optimization Modelling for Object Recognition in Conceptualizing Domain Independent Images	2011
89	RMK10	ScienceFund	Malware Auto Analyzer, Detector and Removal Toolkit based on x86 Disassembler and Emulator	2011

90	RMK10	ScienceFund	Mode of Antibacterial Action of Chitosan Based Nanoparticles on Gram Positive and Gram Negative Bacteria	2011
91	RMK10	ScienceFund	Development and characterization of novel siRNA loaded polymeric micelles based on chitosan-pluronic-folic acid for the targeted delivery of anticancer drugs	2011
92	RMK10	ScienceFund	Designing Durable Resistance Through Isolation and Characterisation of AVR genes in a Malaysian Isolate of Magnaporthe grisea	2011
93	RMK10	ScienceFund	Elucidation On The Mechanism Of Antiviral Activity Of A Styrylpyrone Derivative From Goniothalamus Umbrosus	2011
94	RMK10	ScienceFund	High density linkage map construction for A. auriculiformis x Acacia mangium hybrid using single nucleotide polymorphism markers for marker assisted breeding.	2011
95	RMK10	ScienceFund	Specific, Sensitive and Rapid Detection of Plasmodium knowlesi Infection in Malaria Patients by Loop-mediated Isothermal Amplification (LAMP) Method	2011
96	RMK10	ScienceFund	Enhancing Osteogenic Differentiation of Mesenchymal Stem Cells Using Naturally Derived Platelet-Rich Plasma	2011
97	RMK10	ScienceFund	Development of a simplified and cost-effective technique for recovery of cyclodextrin glucosyltransferase (CGTase)	2011
98	RMK10	ScienceFund	Expression of influenza H1N1 epitopes on a plant virus nanobioparticle	2011
99	RMK10	ScienceFund	Brain signal processing, filtering and classification in time and frequency domain for applied control applications	2011
100	RMK10	ScienceFund	Development of a strip-based system for rapid detection of thalassemia mutations using Taqman approach	2011
101	RMK10	ScienceFund	Isolation and characterization of feline retroviruses	2011
102	RMK10	ScienceFund	Halal collagen from chicken by-product for cosmetic and personal care applications	2011
103	RMK10	ScienceFund	Jatropha curcas L. kernel meal as a biofeed	2011
104	RMK10	ScienceFund	The role of cytochrome P450 and inflammatory response in the hepatoprotective action of plant natural sources	2011
105	RMK10	ScienceFund	Dissecting the role and function of a putative multifunctional protein	2011
106	RMK10	ScienceFund	Surface Alteration of Recombinant Hepatitis B Virus Capsid with a Novel Universal 'Nano-Glue' for Cell Targeting Delivery	2011
107	RMK10	ScienceFund	High Immunity Breeds Selection of Epinephelus fuscoguttatus (tiger grouper) Fingerlings against Vibriosis through Transcriptome Array Assessment.	2011
108	RMK10	ScienceFund	Establishment of Disease Resistance Protein Biomarker for Epinephelus fuscoguttatus (tiger grouper)	2011
109	RMK10	ScienceFund	In vitro evaluation on the Anti-Atherogenic Effects of Macluraxanthone in Endothelial Cells	2011
110	RMK10	ScienceFund	Development of recombinant baculoviruses expressing insect selective biopesticidal protease	2011
111	RMK10	ScienceFund	Application Of Rhizobia And Plant Growth Promoting Rhizobacteriaas Liquid Biofertilizers For Increased Rice Yield	2011
112	RMK10	ScienceFund	Anti-pathogenic properties of plant protease inhibitors (PIs): Cloning and expression of Serpin 1 and Kunitz-type trypsin inhibitor genes from indigenous turmeric, Curcuma sp.	2011
113	RMK10	ScienceFund	Repositioning and Discovery of New Non-steroidal Anti-inflammatory Drugs using Molecular Informatics Technique	2011
114	RMK10	ScienceFund	Pulsed Field Dielectrophoretic-Field Flow Fractionation (DEP-FFF) Integrated with Optical Detection on a Biochip for Biological Application	2011
115	RMK10	ScienceFund	Use of live bacteria as a novel cancer antigen delivery system	2011
116	RMK10	ScienceFund	Isolation and development of anti-coagulant agent from Melastoma malabathricum aqueous leaf extract	2011
117	RMK10	ScienceFund	Biosynthesis and metabolomics of antimicrobial compounds from endophytic fungi for controlling anthracnose disease in dragon fruit	2011
118	RMK10	ScienceFund	Development of a Novel Approach Multiplex LATE-PCR Electrochemical-Enzyme Based DNA Sensor for Sequence-Specific Detection of Vibrio cholerae	2011
119	RMK10	ScienceFund	Development of DNA Aptamers as Ligand for Diagnosis of Influenza A H1N1	2011
120	RMK10	ScienceFund	Proof-of-concepts study of injectable non-viral gene delivery system of DNA-loaded N.Sativa/chitosan/PLGA nanoparticle to neuron cell lines (Neurobionanoparticles-CR)	2011
121	RMK10	ScienceFund	Preparation And Characterization Of Antihypertensive Peptides From Blood Cockle (Anadara Granosa)	2011
122	RMK10	ScienceFund	Potential Anti-Alzheimer's Activity of Brown Algae Metabolites	2011
123	RMK10	ScienceFund	Identification of breast and prostate cancer stem cell DNA marker and evaluation of chemotherapeutic drugs on derived cancer stem cells	2011
124	RMK10	ScienceFund	Genetic engineering of Agrobacterium tumefaciens for enhanced plant transformation	2011
125	RMK10	ScienceFund	Production of vanillin by in vitro transformation of Capsicum frutescens	2011
126	RMK10	ScienceFund	Quantification of improvement of phosphorus and nitrogen nutrition of vegetable crops from phosphate solubilizing bacteria and rhizobacteria interaction using isotopic tracer technology	2011
127	RMK10	ScienceFund	Effects of chronic gamma irradiation on growth and multiplication rate with reference to enhanced production of steviol glycosides in Stevia rebaudiana Bertoni.	2011
128	RMK10	ScienceFund	Application of acidifiers, essential oils and modified-atmosphere packaging to enhance the microbial safety and shelf-life of fresh shrimps.	2011
129	RMK10	ScienceFund	Developement of Pisang Berangan (Musa accuminata sp.) with resistance to Fusarium wilt through in vitro mutagenesis.	2011
130	RMK10	ScienceFund	Potential of biochar from rice husk as inoculant- carrier for nitrogen fixing bacteria	2011
131	RMK10	ScienceFund	High throughput fingerprinting using IMP [Inter-Miniature Invert Repeat Terminal Element (MITE) polymerase] marker technology on MARDI's papaya germplasm for diseases resistant traits	2011
132	RMK10	ScienceFund	Biopesticidal Properties Of Essential Oil Extracted From Jeremin (Pelargonium Radula)	2011

133	RMK10	ScienceFund	Development Of Immuno-based Rapid Assay For Assessing Population Of Colletotrichum capsici And Colletotrichum gloeosporioides On Chilli Crop As Early Warning System For Anthracnose Disease	2011
134	RMK10	ScienceFund	Immuno-Biosensor development for early warning system of dinoflagellate (Alexandrium sp.) producing bio-toxin (saxitoxin) in aquaculture industry	2011
135	RMK10	ScienceFund	Development Of Specific Detection Membrane For Viable Pathogenic Foodborne Bacteria From Mix Population Sample.	2011
136	RMK10	ScienceFund	Epidemiology And Biocontrol Of Papaya Dieback Disease In Malaysia	2011
137	RMK10	ScienceFund	Alternative protein produced from POME as additives for poultry	2011
138	RMK10	ScienceFund	Development of rapid immuno test strip for detection of Campylobacter jejuni bacteria in poultry meat	2011
139	RMK10	ScienceFund	Cultured meristematic cells of temu hitam (Curcuma aeruginosa Roxb.H) as a source of health benefiting phytonutrients	2011
140	RMK10	ScienceFund	Development of Virgin Coconut Oil Emulsion Based Products as Functional Food Supplement.	2011
141	RMK10	ScienceFund	Authentication Of Important Aquilaria Species for Plantation In Malaysia using molecular marker technology	2011
142	RMK10	ScienceFund	Molecular Markers For Vascular Streak Dieback Disease Resistant Clones	2011
143	RMK10	ScienceFund	Development Of Cocoa Butter Emulsions For Formulation Of Low Calorie Cocoa Based Products	2011
144	RMK10	ScienceFund	Development of detection technique for non-halal emulsifiers in chocolate and cocoa products	2011
145	RMK10	ScienceFund	Mass Propagation of High-Yielding Cocoa Clones	2011
146	RMK10	ScienceFund	Development Of Cocoa-Based Liquid Foundation Cosmeceutical Especially For Sensitive Skin	2011
147	RMK10	ScienceFund	The development of tumour antigen-derived peptide vaccines for cancer therapy	2011
148	RMK10	ScienceFund	Genetic and Morphological Characterisations of Fragrant Rice Cultivars for Irrigated Area in Sabah	2011
149	RMK10	ScienceFund	Characterisation Of Bioactive Metabolites Isolated From Tiger's Milk Mushroom (Lignosus rhinocerus)	2011
150	RMK10	ScienceFund	Dietary phytochemical strategy for obesity and obesity-linked diseases using metabolomic approach	2011
151	RMK10	ScienceFund	Bioreactor platform for enhancing the production of useful secondary metabolites from hairy roots of Kacip Fatimah (Labisia pumila var. alata)	2011
152	RMK10	ScienceFund	Evaluation of Probiotic Formulations for the Control of Coccidiosis in Broiler Chickens	2011
153	RMK10	ScienceFund	Genetic engineering of rice resistant against Goldan Appla Snail (Pomacea canaliculata).	2011
154	RMK10	ScienceFund	Nutritional Biotechnology Application in Enhancing Growth Rate and Flesh Quality and Functionality of Malaysian Mahseer (Tor tambroides)	2011
155	RMK10	ScienceFund	Genetic Engineering of Gibberelin Catabolism in Malaysian Rice MR 219	2011
156	RMK10	ScienceFund	Postgenomic Discovery of Small Hypothetical Proteins from Bacillus Lehenis G1 Alkaliphile	2011
157	RMK10	ScienceFund	Peptides Design and Synthesis Based on Enzyme Mimic for Industrial Needs	2011
158	RMK10	ScienceFund	Elucidating the Gaharu Resin and Other Biosynthetic Pathways by Large Scale Transcriptome and Metabolite Profiling	2011
159	RMK10	ScienceFund	High Throughput Screen of Synthetic and Small Molecules as Anti-Infectives	2011
160	RMK10	ScienceFund	Identification of novel enzymes for total utilization of biomass via transcriptomics of termite digestome	2011
161	RMK10	ScienceFund	Resequencing, Transcriptome profiling and Bioinformatics-Based Analyses of a Novel Indigenous Hyperthermophilic Geobacillus species for Industrial Biotechnology Applications	2011
162	RMK10	ScienceFund	Genome Based Robust Enzymes Discovery For Industrial Applications: Proteomics identification of secreted enzymes from Bacillus lehenis G1	2011
163	RMK10	ScienceFund	Application of toxicogenomics and conventional toxicology for safety assessments of bioactive compounds derived from Mitragyna speciosa	2011
164	RMK10	ScienceFund	Development of a whole-cell voltage Patch Clamp Assay targeting hERG K+ channels, a safety assessment requirement in lead compound optimization	2011
165	RMK10	ScienceFund	Developing and Evaluating Biomimetic Poly(3-Hydroxybutyrate-co-4-Hydroxybutyrate) Scaffolds for Tissue Engineering of Skin	2011
166	RMK10	ScienceFund	IPharm Drug Discovery Platform Technology IV. In Search of Malaysian Natural Resources for Therapeutic Agent Type II Diabetes using PPAR-Gamma Ligand	2011
167	RMK10	ScienceFund	Development of an in vitro Anti-Trypanosomal Assay in 384-Well Format for High Throughput Screening of Trypanosoma brucei rhodesiense	2011
168	RMK10	ScienceFund	Development of High-Throughput-Screening (HTS) Assay For Screening of PPAR-gamma Ligand.	2011
169	RMK10	ScienceFund	Formulation of P[3HB-co-4HB] Nanoparticles for Anti-cancer and Anti-tuberculosis Drug Delivery System	2011
170	RMK10	ScienceFund	Development of Hydrogen Production System by Ethanol Steam Reforming Over Mixed Oxide Catalyst	2011
171	RMK10	ScienceFund	System Development for Endothelial and Erectile Dysfunction Diagnosis Based on Pulse Wave Velocity Characterization	2011
172	RMK10	ScienceFund	Scale-up of oscillatory flow bioreactor	2011
173	RMK10	ScienceFund	Boundary Element Analysis Of Metal Corrosion Using Polarization Curve	2011
174	RMK10	ScienceFund	Development of inverted type bulk heterojunction organic solar cell using dye-coated ZnO nanorods as electron collecting electrode	2011
175	RMK10	ScienceFund	Development of Paddy Waste as an Alternative Plant-Based Corrosion Inhibitors for Metal Alloys	2011
176	RMK10	ScienceFund	A Smart Wireless Sensor Network for Microcrack Detection and Monitoring in Common Building and Bridge Structures.	2011
177	RMK10	ScienceFund	New room temperature diluted magnetic semiconductor oxide (DMSO) based on In:Cr and In:Co film for spintronic application	2011
178	RMK10	ScienceFund	Advanced Control of a Tubular-Solid Oxide Fuel Cell	2011
179	RMK10	ScienceFund	Effect of Particle Size of Fatty Acid Nanocrystals in Cream For Dermal Delivery of Substances Into Skin	2011
180	RMK10	ScienceFund	Innovative Technology in the Production of Biogas from Animal Waste	2011

181	RMK10	ScienceFund	Crest Factor Reduction And Digital Predistortion Implementation In Orthogonal Frequency Division Multiplexing (Ofdm) Systems	2011
182	RMK10	ScienceFund	Surface Acoustic Wave Technology for Wireless Sensor Flammable Gas Detection	2011
183	RMK10	ScienceFund	Floc Characteristic Optimization Of Synthetic Polymeric Flocculant Based On DADMAC Monomer For Selective Waste Water Treatment.	2011
184	RMK10	ScienceFund	Potential of oil palm ash as a new filler in natural rubber compounds	2011
185	RMK10	ScienceFund	Pilot Plant Study Of Fuel And Chemical Feedstock Production Through Catalytic Cracking Of Non-Edible Oil By Novel Composite Catalyst	2011
186	RMK10	ScienceFund	Light weight and high strength nanostructured aluminum alloys by equal channel angular extrusion: Microstructure and mechanical properties.	2011
187	RMK10	ScienceFund	A real-time, intelligent in-vehicle Driver Drowsiness Detection Device based on an embedded System-on-Chip (SoC) in FPGA microchip technology	2011
188	RMK10	ScienceFund	Catalytic Oxidative Desulfurization of Diesel utilizing Peroxides and supported Transition metals doped Molybdenum Oxide and Manganese Oxide catalysts	2011
189	RMK10	ScienceFund	Nanostructured Herbs Delivery System	2011
190	RMK10	ScienceFund	Development of a Mapping Robot	2011
191	RMK10	ScienceFund	Hardware Prototyping of Photoplethysmography Based Cardiac Monitoring Technique for Devising a Practical Remote Health Monitor	2011
192	RMK10	ScienceFund	Piezoelectric Material as a New Electrical Power Generator	2011
193	RMK10	ScienceFund	Design and development of Substrate Integrated Waveguide Filters	2011
194	RMK10	ScienceFund	One-Pot Low Temperature Methanol Synthesis from Carbon Dioxide and Hydrogen	2011
195	RMK10	ScienceFund	Novel subspace technique for extracting brain signals from the background EEG colored noise	2011
196	RMK10	ScienceFund	The Synthesis of Silicon Carbide From The Carbothermal Reduction Process Using Local Silica Sand For High Temperature Wear Resistant Component Application.	2011
197	RMK10	ScienceFund	Development of a novel Swirling Fluidization Technique for Bio-crude Refining	2011
198	RMK10	ScienceFund	Reconfigurable GaAs RF Front End Integrated Circuits for Wireless Applications	2011
199	RMK10	ScienceFund	Numerical and Experimental Studies of Mechanical Behaviors of Carbon Nanotube/Polymer Composites	2011
200	RMK10	ScienceFund	Off-peak gas turbine waste heat utilisation for stratified thermal energy storage system	2011
201	RMK10	ScienceFund	Non-Invasive Ultrasound Imaging for Long Bone Fracture Detection	2011
202	RMK10	ScienceFund	Development of an Integrated Approach for Scheduling and Online Optimization in a Large Process Plant	2011
203	RMK10	ScienceFund	Development of Low Cost Low Head Reaction Turbine for Micro Hydro Application	2011
204	RMK10	ScienceFund	A Novel Frontal Car Design Concept To Mitigate Pedestrian Casualties and To Improve Crashworthiness	2011
205	RMK10	ScienceFund	Fabrication of new read head for magnetic recording devices based high sintering magnetoresistive perovskite manganites	2011
206	RMK10	ScienceFund	Research and development of a hybrid luminescent and holographic solar concentrator integrated with bi-facial solar cells	2011
207	RMK10	ScienceFund	Development of antimicrobial food packaging plastic film by utilizing odourless garlic oil for better safe and prolong food storage	2011
208	RMK10	ScienceFund	Production of Biofuel from Agricultural Residues via Fast Pyrolysis Process and Upgrading	2011
209	RMK10	ScienceFund	Development Of Nano Particles Of Epoxidized Rbd Palm Olein Acrylate (Epola) As Drug Carrier In Delivery System Using Ionizing Radiation Technique	2011
210	RMK10	ScienceFund	Development of Portable Ultrasonic Tomography for Agarwood Evaluation	2011
211	RMK10	ScienceFund	Development of Boron-Selective Adsorbent using Radiation Induced Grafting Technique	2011
212	RMK10	ScienceFund	Application of Nano-hybrid Biocomposite for Development of Intergrated Aquacultural Cage Via Radiation Induced Process	2011
213	RMK10	ScienceFund	Treatment of Textiles Industrial Wastewater by E-Beam: Effect of Decolouration on Biodegradability	2011
214	RMK10	ScienceFund	Application of Radiation in the Development of Microwave Absorbing Ferrite-TPNR Nanocomposite	2011
215	RMK10	ScienceFund	Study and development of multifunctional nano-TiO2 paint	2011
216	RMK10	ScienceFund	Development of high temperature high pressure (HTHP) test rig for industrial radiotracer application	2011
217	RMK10	ScienceFund	Low-dimensional Nanostructures for Hydrogen Gas Sensing	2011
218	RMK10	ScienceFund	Development of an integrated induction thermography system for the detection and evaluation of pipeline imperfection in nuclear power plan (NPP)	2011
219	RMK10	ScienceFund	Development of Ferro-electric Materials for High-frequency RFID Sensor Applications	2011
220	RMK10	ScienceFund	identification of palm oil mill effluent (pome) as a source of contamination in water bodies using nuclear forensic technique	2011
221	RMK10	ScienceFund	Development of Hyperbranched Curable Resin from Palm Oil	2011
222	RMK10	ScienceFund	Development of Polymer Based Radiation-Sensitive Indicator for Dosimetry of High Energy Ionizing Radiation	2011
223	RMK10	ScienceFund	Development of electrospun polymer nanofibers based natural rubber (NR) using electrospinning technique.	2011
224	RMK10	ScienceFund	Radiation Modified Polymeric Material for Active Packaging Applications	2011
225	RMK10	ScienceFund	Production of cross-linked carboxymethyl sago starch using irradiation in alkyne gas for industrial application	2011
226	RMK10	ScienceFund	Damage Analysis and Life Extension for Boilers and Components Under Extreme Environment	2011
227	RMK10	ScienceFund	Development of Advance Nuclear Imaging and Mechanism for Distillation Column	2011
228	RMK10	ScienceFund	Development of Polyvinyl Chloride / Epoxidized Natural Rubber /Carbon Nanotubes Nanocomposites by using Electron Beam Irradiation	2011
229	RMK10	ScienceFund	Development of starch and cellulose waste for the treatment of palm oil mill effluent (POME)	2011

230	RMK10	ScienceFund	Radiation Curing of Composites for Enhancing their Functionality and Utility in the Coating Industry	2011
231	RMK10	ScienceFund	Radiophytoremediation of Soils Contaminated with Radionuclides of Caesium and Thorium by Grasses	2011
232	RMK10	ScienceFund	Development of Thermoelectric Nanodevice for Waste Heat and Direct Energy Conversion	2011
233	RMK10	ScienceFund	Radiation Vulcanization of Epoxidized Natural Rubber Latex	2011
234	RMK10	ScienceFund	UV Spot OPV based on Acrylated Palm Oil Resin (EPOLA)	2011
235	RMK10	ScienceFund	Development of Local Silica Sand Moulding for Aluminium Alloys and Copper Alloys Precision Casting.	2011
236	RMK10	ScienceFund	Development of inorganic-organic hybrid thin film matrices with stable photochromism for high security marks applications	2011
237	RMK10	ScienceFund	Fabrication of light weight nanostructured aluminium foam for high impact energy absorbing component in automotive application using isostatic pressure assisted sintering process	2011
238	RMK10	ScienceFund	Development of Red Emission of Europium (tta)3phen Complex Doped Low-Density Polyethylene Film for Agricultural Greenhouse Application	2011
239	RMK10	ScienceFund	Development of Inconel 718 Parts using Super Critical Carbon Dioxide (CO2) Debinding Technique for Potential Aerospace Industry Application	2011
240	RMK10	ScienceFund	Surface Treatment To Improve The Interfacial Properties of Aluminium-Carbon Composite Systems For Hi-Pressure Vessel Application	2011
241	RMK10	ScienceFund	Development of Lithium Silicate as Cathode Material for Li-ion Battery Application	2011
242	RMK10	ScienceFund	Development of Composite Lithium Titanate Oxide as an Anode Material for Li-ion Battery Application	2011
243	RMK10	ScienceFund	Application of Core-Shell Quantum Dots for Glucose Monitoring	2011
244	RMK10	ScienceFund	The synthesis of nanostructured 2H-SiC for metal oxide semiconductor field effect transistor application	2011
245	RMK10	ScienceFund	Real Time Error Diagnostic And Recovery System For CNC Machine Tools	2011
246	RMK10	ScienceFund	Double Sided High Density Solid State Carbon Nanotube based Ultracapacitor for Microenergy Storage in Green Technology	2011
247	RMK10	ScienceFund	Improving the Recovery of Rubberwood Dimension Stocks from Saw-dry-rip (SDR) Process, Incorporating High Temperature Drying.	2011
248	RMK10	ScienceFund	Determination Of Conversion Factor From Small Clear Specimen To EN 408 Strength Values For Malaysian Timbers	2011
249	RMK10	ScienceFund	Development Of Moulded Laminated Bamboo Veneer As Components For Selected Furniture Design	2011
250	RMK10	ScienceFund	Quantifying land use changes and climate variability impacts on the hydrological response of the River Kelantan catchment.	2011
251	RMK10	ScienceFund	Distribution And Sources Of Organic Biomarkers In Surface Sediments From Selected Sites Along The Malacca Straits	2011
252	RMK10	ScienceFund	Population biology, feeding physiology and reproductive potential of selected resilience fish species in Malaysian estuarine ecosystem.	2011
253	RMK10	ScienceFund	Development of Ocean Forecasting System for Malaysian waters	2011
254	RMK10	ScienceFund	Projection of the states of Malaysian waters under the anthropogenic climate change	2011
255	RMK10	ScienceFund	Compositions, Characteristics and Flux of Surfactants and Humic-Like Substances in Marine Aerosols	2011
256	RMK10	ScienceFund	Understanding the spatial and temporal relationship of ocean biophysical parameters with habitat utilization of Rastrelliger kanagurta (Indian mackerel) off South China Sea	2011
257	RMK10	ScienceFund	Quorum Sensing and Biofilm Inhibitors From Marine Bacteria	2011
258	RMK10	ScienceFund	Impacts of air-sea interaction over the equatorial South China Sea during the northeast monsoon on marine activities and resources in the Malaysian coastal and continental shelf waters	2011
259	RMK10	ScienceFund	Micropropagation of selected economically important Malaysian seaweeds for production of quality clonal planting materials	2011
260	RMK10	ScienceFund	Molecular studies of actinomycetes from marine environments for novel genes and bioactive molecules	2011
261	RMK10	ScienceFund	Industrial Use Of Marine Algae For Bioethanol Production	2011
262	RMK10	ScienceFund	Development of an ecological model of a phytoplankton bloom in a tropical estuary	2011
263	RMK10	ScienceFund	Application of DNA Barcoding Markers for Commercially Important Seaweeds in Malaysia (Rhodophyta and Phaeophyceae)	2011
264	RMK10	ScienceFund	Economic Valuation of Mangrove Forest and Its Implications to Coastal Community	2011
265	RMK10	ScienceFund	Identification of Malaysian Seagrasses using Morphology and Molecular Approach	2011
266	RMK10	ScienceFund	Development of Space-Time Trellis Code (STTC) Decoder with Optimality Signature	2011
267	RMK10	ScienceFund	Utilization of Aquatic Macrophytes for Papermaking	2011
268	RMK10	ScienceFund	Assessment of Exploited Fisheries Stock in Marudu Bay for Sustainable Management	2011
269	RMK10	ScienceFund	Proposed Integrated Mitigation System for Tsunami	2011
270	RMK10	ScienceFund	Realisation and Verification of Fighter Aircraft-Weapon Compatibility Certification Database and Simulator for Weapon Clearance System	2011
271	RMK10	ScienceFund	Multistatic Synthetic Aperture Radar for Airport Runway Safety	2011
272	RMK10	ScienceFund	Development of a Robust and Sustainable Malaysian Integrated Ocean Observation System (MIOOS)	2011
273	RMK10	ScienceFund	Coastal erosion studies of the east coast and vulnerable small island regions of Peninsular Malaysia	2011
274	RMK10	ScienceFund	Terrestrial Laser Scanning For The New Approach Of Large Scale Three-Dimensional (3d) Topographic Mapping	2011
275	RMK10	ScienceFund	Rare earth elements (REEs) and trace metals studies in rocky shore organisms, related to those in sediment along Peninsular Malaysia coastal waters	2011
276	RMK10	ScienceFund	Quantitative and qualitative assessment of Harmful Algal Blooms (HABs) species in ships' ballast water using molecular tools	2011
277	RMK10	ScienceFund	Climate Impacts, Vulnerability and Risks on Coastal Environment in the East Coast of Sabah: Towards Development of Adaptation Policy	2011

278	RMK10	ScienceFund	Biology and fisheries of mangrove crabs (Genus Scylla) in Sabah mangrove ecosystems	2011
279	RMK10	ScienceFund	The Occurrence Of Iridovirus In Cultured Marine Fish And Bivalve In Sabah	2011
280	RMK10	ScienceFund	Paleo-tsunami Deposits Investigation for Tsunami Hazard Assessment in East Sabah	2011
281	RMK10	ScienceFund	Numerical modeling and field measurement of current circulation and physical processes in southern South China Sea	2011
282	RMK10	ScienceFund	Optimization of physical field measurement distribution based on global interpolation technique	2011
283	RMK10	ScienceFund	Development of Adaptive Mechanism in Copepod as Response to Environmental Stress: An Innovation in Managing Climate Change	2011
284	RMK10	ScienceFund	Green mussel farming in Marudu Bay, Sabah - Microbiological assessment, disease pathogenesis and control measures.	2011
285	RMK10	ScienceFund	Assessing the sea level rise impact to the physical resources and social structure of the East Coast of Peninsular Malaysia coastal zone.	2011
286	RMK10	ScienceFund	Genetic Variability Of Mangrove Palm In Malaysia, Nypa Fruticans Using Dna Analysis.	2011
287	RMK10	ScienceFund	Sources of polycyclic aromatic hydrocarbons contamination and lipid biomarkers in two tropical mangrove ecosystem of Tanjung Piai Forest Reserve and Setiu Wetland	2011
288	RMK10	ScienceFund	Development of a Novel Underactuated Motion Control Scheme for AQUA-X Underwater Mobile Robot with Six-States and Four-Inputs	2011
289	RMK10	ScienceFund	Design, Fabrication and Characterization of a MEMS Resonator for 3-D Detection of Static to Low Frequency Magnetic Fields	2011
290	RMK10	ScienceFund	New Feedforward Constant-Amplitude Controller Based on Neural Network for Attitude Maneuvers of a Flexible Satellite by Using On-Off Reaction Jets	2011
291	RMK10	ScienceFund	Modelling Water Resources and Stormwater Management Strategies for Large Scale Dual-Function Rainwater Tanks Incorporating Climate Change and Urbanisation Scenarios	2011
292	RMK10	ScienceFund	Development of Eco-friendly and Biocide-free Maritime Antifouling Coating Based on Silver Nanoengineering Technology	2011
293	RMK10	ScienceFund	The Extent and Impact of the Releases of Radioactivity from the Fukushima Daiichi Nuclear Power Plant Accident into Malaysian Marine Environment	2011
294	RMK10	ScienceFund	Development of Fingerprint Characteristic for Forensic Investigation of Elemental Pollution in Sediment From Linggi Area	2011
295	RMK10	ScienceFund	Effects of Water Management System on Aerobic Rice Performance in Different Rain-fed Areas	2011
296	RMK10	ScienceFund	Development of near real time digital multispectral image processing system for paddy precision farming	2011
297	RMK10	ScienceFund	The study of Solar Activities for Space Weather Application through Radio Astronomy	2011
298	RMK10	ScienceFund	Investigation into Decomposition of Hydroxylammonium Nitrate (HAN) - Based Monopropellant via Electrolytic Ignition Method	2011
299	RMK10	ScienceFund	Reliability Study on Ionosphere Model for SBAS System	2011
300	RMK10	ScienceFund	The effect of Ranibizumab on human Tenon's fibroblast and its potential use as a novel anti-scarring agent for glaucoma surgery	2011
301	RMK10	ScienceFund	The Impact of Cook Chill Technology on Physicochemical Properties, Nutritional Value, Shelf life of food and Consumer Acceptability of Malaysia Food Product	2011
302	RMK10	ScienceFund	Real Time Implementation and Simplification of An Orthogonal Space Time Turbo Trellis Continuous Phase Modulation with Optimizing Trellis States and Matched Filters Algorithms.	2011
303	RMK10	ScienceFund	Targeted Drug Delivery System Using Nanoparticles And High Intensity Focused Ultrasound (HIFU)	2011
304	RMK10	ScienceFund	Highly efficiency solution processable photocrosslinkable organic tandem light emitting diode:towards high efficiency white light	2011
305	RMK10	ScienceFund	Teaching As A Career: A Comparative Study Of Teacher Trainees	2011
306	RMK10	ScienceFund	Antiulcer Activity of Bauhinia purpurea Leaf Extracts: Determination of Their Mechanism of Actions and Isolation of the Responsible Bioactive Compounds	2011
307	RMK10	ScienceFund	Assessing The Walkability Of Tourism Places In Malaysian Cities	2011
308	RMK10	ScienceFund	Development Of Maturity Detector and Grading Machine for Pineapples Using Smart Sensor System	2011
309	RMK10	ScienceFund	Operational modal analysis of aeroelastically induced composite wind tunnel model	2011
310	RMK10	ScienceFund	Development of Fast Dispersible Natural Fruit Powder Tablets	2011
311	RMK10	ScienceFund	Development of High Speed Electronics Read-outs for Highly Sensitive Mobile Gamma Camera in Breast Cancer Imaging System	2011
312	RMK10	ScienceFund	Effect of oligosaccharide prebiotic on performance and egg quality of laying hens	2011
313	RMK10	ScienceFund	Modified Nickel-Cobalt Oxide/Activated Carbon Composite For Supercapacitors	2011
314	RMK10	ScienceFund	Development of food grade green lubricants	2011
315	RMK10	ScienceFund	Design and Fabrication of a High Data Rates, Low Power Binary Phase Shift Keying Modulator for Capsule Endoscope	2011
316	RMK10	ScienceFund	Development of Fine-grained Parallel hp-Adaptive Finite Element Method for Analysis of Micro-power Generation in Microcombustors	2011
317	RMK10	ScienceFund	Multiple and Simultaneous Lightning Strike Interaction with Reticulated Gas Pipeline Systems	2011
318	RMK10	ScienceFund	Hybrid FSO/RF Communication System for Wireless Broadband Services	2011
319	RMK10	ScienceFund	Magnetic Induction Tomography (MIT) for Low Conductivity Materials	2011
320	RMK10	ScienceFund	Development Of Low-Cost Seismo-Accelerometer For Ground Motion And Structural Damage Detection	2011
321	RMK10	ScienceFund	Quality of Life and Psychological Disabilities among Chronic Renal Failure Patients.	2011
322	RMK10	ScienceFund	Low-Cost and Sustainable Technology for Harvesting Humic Acids	2011
323	RMK10	ScienceFund	Urban Flood-Plain Mapping Using GIS and Remote Sensing Approach for Kuching, Sarawak	2011

324	RMK10	ScienceFund	Development of Sustainability Model of ISO14001 Standards through an integration with Lean Principles	2011
325	RMK10	ScienceFund	Development of Prototype Virtual Reality Surgical Simulator with Haptic Force Feedback for Phacoemulsification Cataract Surgery Training	2011
326	RMK10	ScienceFund	Towards Zero Emission of Carbon Dioxide: A New Technique for Carbon Dioxide Capture by Clathrate Hydrate Formation	2011
327	RMK10	ScienceFund	An optimisation of the waste components, storage and handling process of fuel briquettes made from agricultural and farming wastes to enhance their utilisation as an alternative energy fuel source	2011
328	RMK10	ScienceFund	The Determinants Of Foreign Direct Investment In Malaysian Industrial Sector (Electrical Machinery And Equipment)	2011
329	RMK10	ScienceFund	Development of dexterous robotic arm and hand for deformable object manipulation	2011
330	RMK10	ScienceFund	To develop a Brain-Computer Interface System using Steady State Visual Evoked Potentials for communication.	2011
331	RMK10	ScienceFund	Development of a thermoacoustic heat engine for rural application	2011
332	RMK10	ScienceFund	Urban heat island in Malaysia	2011
333	RMK10	ScienceFund	Augmenting the removal of active ingredients of Ganoderma lucidum and their encapsulation in the Nanosized Liquid Vehicles (NLVs) to improve the bioavailability using ultrasonic cavitation	2011
334	RMK10	ScienceFund	Development of the gaharu resin production via the inducement technology in Aquilaria beccariana	2011
335	RMK10	ScienceFund	Lichens as biomonitors for actinides and trace elements pollutants in urban, industrial and reference areas of Malaysia.	2011
336	RMK10	ScienceFund	Development of advanced and promising mutant lines derived from mutagenesis of Oryza sativa cv MR219 for drought-tolerant, blast resistant and quality traits	2011
337	RMK10	ScienceFund	Development of Geopolymer for Immobilization of Radioactive Waste	2011
338	RMK10	ScienceFund	Development of Alumina Ceramics For LED Heat Sink Application	2011
339	RMK10	ScienceFund	Development of Fish Embryo Toxicity Assay for GHS Classification of Oleochemicals	2011
340	RMK10	ScienceFund	Geographic Information System - Decision Support System (GIS-DSS): Towards Environmental Health Indicator for Poultry Husbandry	2011
341	RMK10	ScienceFund	Availability, Application and Accessibility (A3) methodology for assessment of sustainability of biomass utilization technology.	2011
342	RMK10	ScienceFund	MySES (Malaysia System for the Evaluation of Substances) Software for Exposure and Risk Assessment of Products	2011
343	RMK10	ScienceFund	Development of Gallium Recovery Process from Monochrome LED(E-Wastes)	2011
344	RMK10	ScienceFund	Assessment Of Seasonal and Polluting Effects On The Quality Of River Water by Chemometric Approach	2011
345	RMK10	ScienceFund	A Unified Quasi-Distributed Optical Sensing For Aquaculture Based on Nanomaterial Doped Optical Fiber	2011
346	RMK10	ScienceFund	Algorithms for Organizing and Managing Conceptual Graph Database	2011
347	RMK10	ScienceFund	Polarization Rotated Interferometer Approach on Portable and Contactless Spectroscopy Optical Detection for Biomedical Application Utilizing Phase Controlled Connes Technique.	2011
348	RMK10	ScienceFund	Optimization of Latent Trait Theory and True Score Test Theory in Instructional Competencies Item Bank	2011
349	RMK10	ScienceFund	Evaluation Of Interim Technology Package Of Aerobic Rice In Sabah	2011
350	RMK10	ScienceFund	Optimising Amino Acid Utilization From Protein Sources For Fish Nutrition	2011
351	RMK10	ScienceFund	Evaluation Of Milled Quality And Storage Stability Of Selected Malaysian Rice Varieties (MR 276 And MR253) Using Humidified Polishing And Degree Of Milling Determination Of Rice.	2011
352	RMK10	ScienceFund	Glasshouse evaluation of microbial antagonists for suppression of plant pathogen Erwinia chrysanthemi	2011
353	RMK10	ScienceFund	Evaluation of potential rootstocks for tree size control, precocity, high yield efficiency and improved fruit quality of citrus var. Madu	2011
354	RMK10	ScienceFund	Potential Of 'Chinese Boxthorn' (Lycium chinensis) For Soil Erosion Control In Vegetable Farm	2011
355	RMK10	ScienceFund	Evaluation and Utilization of Rubber Processing by-product and Feather Meal as Feed Ingredients in Fish Nutrition	2011
356	RMK10	ScienceFund	Fungal Pathogens As Biological Control Agents For Drymoglossum piloselloides	2011
357	RMK10	ScienceFund	Design and development of on-slope greenhouse system (OSGH) with minimal ground cuts for control of erosion, environmental quality and establishment of good agricultural practices.	2011
358	RMK10	ScienceFund	Lutein From Sweetpotato (Ipomoea Batatas) Leaves For Development Of Functional Snack	2011
359	RMK10	ScienceFund	Manipulation of flowering for off-season production of rambutan, Nephelium lappaceum	2011
360	RMK10	ScienceFund	Efficacy Of Formulated Nucleopolyhedrosis Viruses (fnpvs) Against Plutella xylostella, Spodoptera exigua and Spodoptera litura	2011
361	RMK10	ScienceFund	Selection for High Yield and Good Quality Fruits of Somaclonal Mesta And Mangosteen (Garcinia mangostana L.) Variants	2011
362	RMK10	ScienceFund	Evaluation and selection of high yield, dwarf and good quality mango from open-pollinated population	2011
363	RMK10	ScienceFund	Development Of A Continuous Processing System for Production Of Stackable Crisp (pringle Like) For Small/medium Scale Processing Plant.	2011
364	RMK10	ScienceFund	Efficacy Of Beauveria bassiana And Hirsutella citriformis as a Biological Control Agent Against The Brown Planthopper, Nilaparvata lugens stal. In Rice Ecosystem In Malaysia.	2011
365	RMK10	ScienceFund	Utilization of Trigona itama for pollinating crops under netted structure	2011
366	RMK10	ScienceFund	Impact of Selective Logging on Tree Diversity, Soil Properties, Carbon Stock and Sustainability of Key Timber Species Population in an Upper Hill Dipterocarp Forest, Peninsular Malaysia.	2011

367	RMK10	ScienceFund	Development Of A Novel Cocoa-Scented Perfume	2011
368	RMK10	ScienceFund	Development Of Sugar Free Dark Chocolate With Functional Ingredients	2011
369	RMK10	ScienceFund	Geopolymer Cement From Ground POFA by Alkali-Activation Method	2011
370	RMK10	Flagship	To Develop A Pre-Commercial Prototype Of A Brain-Computer Interface (BCI) Wheelchair	2012
371	RMK10	Flagship	Development Of Sustainable Malaysia Mahseer/ Empurau/ Kelah Aquaculture	2012
372	RMK10	InnoFund	Penambahbaikan kepada produk tradisional berasaskan batu benang sila kepada produk mineral berinovasi untuk aplikasi topikal	2012
373	RMK10	InnoFund	Herbal Tea Produk Development From Aquilaria Specices	2012
374	RMK10	InnoFund	Compliance Management Suite (COMPSUITE)	2012
375	RMK10	InnoFund	Element ADNS-02 Gas Electrolysis	2012
376	RMK10	InnoFund	Ergonomic Improvement on baby support pillow for Breastfeeding during travelling	2012
377	RMK10	InnoFund	Empowering Women with ICT: Development of Malaysia e-Women Incubator	2012
378	RMK10	InnoFund	Pembangunan dan penghasilan tong pemerapan dan tekanan (Pekasam Compress Bin innovation System)	2012
379	RMK10	InnoFund	Membangunkan Sistem Kawalan Disiplin Murid (E-Disiplin)	2012
380	RMK10	InnoFund	3D Desktop Printer Prototype	2012
381	RMK10	InnoFund	Water Audit Calculator	2012
382	RMK10	InnoFund	PUSPANITA Online Reservation System	2012
383	RMK10	InnoFund	Senior Citizen Empowerment Programme	2012
384	RMK10	InnoFund	CAHAYA	2012
385	RMK10	InnoFund	Domestic Clean Electricity Generator	2012
386	RMK10	InnoFund	Nail-Plated Composite Structural System	2012
387	RMK10	InnoFund	New Revolutionary Acoustical Material Panel Using Kenaf Composite (K-FOC)	2012
388	RMK10	InnoFund	Pembangunan Produk berasaskan Tuhau	2012
389	RMK10	InnoFund	eSentral - Electronic Publication Portal With DRM (Digital Right Management)	2012
390	RMK10	InnoFund	Local Borneo Community Contents	2012
391	RMK10	TechnoFund	Grid-Tie Solar Micro-Inverter (GTMI) Pre-Commercial Prototype	2012
392	RMK10	TechnoFund	A Highly Scalable Collaborative Platform for Drug Discovery	2012
393	RMK10	TechnoFund	Development of Novel Bird's Nest Products Fortified with Resveratrol Extracted from Polygonum Cuspidatum (Japanese Knotweed)	2012
394	RMK10	TechnoFund	AxChange Interactive Media	2012
395	RMK10	TechnoFund	Pre-Clinical Evaluations of Malaysian-made "Osteopaste" – An Injectable Self-hardened Synthetic Bone Cement.	2012
396	RMK10	TechnoFund	Research and Development of Beyond DLP (bDLP) - Total Data Protection	2012
397	RMK10	TechnoFund	Dual Counter Rotation (DCR) Generator Fuel/Energy Saver	2012
398	RMK10	TechnoFund	Digital identification and weight recording system for livestock	2012
399	RMK10	TechnoFund	Liquid Immersion Bioreactor (LIB) method to generate MD2 pineapple plantlet for nutturing farmers in Malaysia	2012
400	RMK10	TechnoFund	Pilot Plant Production Of Carbon-Doped Iron Ore Using Agro-Residues As Source Of Energy And Processing Material	2012
401	RMK10	TechnoFund	Pre-Commercialisation of Bioreactor Technology for Mass Production of In Vitro Plantlets of Banana CV Tanduk	2012
402	RMK10	TechnoFund	Production Of Rayon Staple From Kenaf As A Raw Material For Textile Industry	2012
403	RMK10	TechnoFund	Pre-Commercialization of 0.18 micron 1Malaysia Smart Chip	2012
404	RMK10	TechnoFund	Next Generation Intravenous Catherer	2012
405	RMK10	TechnoFund	Expansion of Patented Industrial Pulverized Burner into Boiler and Heat Exchange System Fueled by Biomass Material	2012
406	RMK10	TechnoFund	Development Of Prototype Blood Glucose Monitoring System	2012
407	RMK10	TechnoFund	To Up-Scale The Production Of Immuno-Gold Biosensor Strip For The Detection Of Antibiotic In Poultry	2012
408	RMK10	ScienceFund	Hybrid Reconfigurable Architecture for Emulation of the Multi-core Cloud Computing Processor	2012
409	RMK10	ScienceFund	Mobile Embedded Platform Attestation Technique	2012
410	RMK10	ScienceFund	Smart Solar House : An Approach To Optimize Solar Energy Consumption For Home Utilizing Multiagent System	2012
411	RMK10	ScienceFund	Development of Wireless Localization Network for In-Building Network Application	2012
412	RMK10	ScienceFund	A FrameWork for Radio Resource Management in OFDMA-Based Mobile wireless networks (Mobile WiMAX)	2012
413	RMK10	ScienceFund	Developing an Automated Assistant for Computing Integrals Over Polynomially Defined Regions and Their Boundaries using a Computer Algebra System (CAS)	2012
414	RMK10	ScienceFund	Vision Guided Pointer for Tele-Assisted Surgery and Medical Consultation	2012
415	RMK10	ScienceFund	Development of high directivity copper strip electromagnetic bandgap antenna for sectoral base station	2012

416	RMK10	ScienceFund	Sistem Pencegaman Iris berdasarkan Video Melalui Imej Mata (Visible Wavelength)'Video-based Iris Recognition System Through Visible Wavelength Eye Images'	2012
417	RMK10	ScienceFund	Aged Wellness Augmented by Robot Empathic Enabler (AWARE)	2012
418	RMK10	ScienceFund	Experimental Development of Duty-Cycle Division Multiplexing with Economic Transmitter and Receiver for High-Speed Optical Telecommunications	2012
419	RMK10	ScienceFund	Secure Group Communication for Critical National Information Infrastructur (CNII)	2012
420	RMK10	ScienceFund	Mobility Management for Internet of Things (IoT) using Partial Soft Handover (PSHO) Scheme	2012
421	RMK10	ScienceFund	Design and Development of Robust Communication Model and Control System with incorporated Decentralized Renewables in Smart Grids	2012
422	RMK10	ScienceFund	Design and Development of Service Differentiated Reconfigurable Add Drop Multiplexer Based on Optical Code Division Multiplexing	2012
423	RMK10	ScienceFund	Multi-Transceiver Free Space Optical 3-Dimensional Structures for the Last-Mile	2012
424	RMK10	ScienceFund	Development of Efficient Security protocol Based on Scalable Key Management (SKM) Scheme in Wireless Broadband Networks	2012
425	RMK10	ScienceFund	Wireless Mesh Network Architectur Design:Zero-Degree Model for Internet Gateway Placement	2012
426	RMK10	ScienceFund	Natural Language Interface to Quran Ontology: Towards a new Quranic education platform in Malaysia.	2012
427	RMK10	ScienceFund	Highly Reliable and Robust Security in Wireless Sensor Network for Military Application	2012
428	RMK10	ScienceFund	A Framework for Modeling, Analyzing, and Predicting Cyber Warfare Attacks	2012
429	RMK10	ScienceFund	Developing Agent Based Modeling Using Boltzmann Machine And Activation Function For Logic Programming And Reverse Analysis	2012
430	RMK10	ScienceFund	MammoMass Detector: An Automated Masses Detection based on Case-Base-Reasoning Classifier and Haralick-Texture Extractor for MRI Digital Breast Mammogram Diagnosis.	2012
431	RMK10	ScienceFund	A cyber defense system by using honeybee concepts and strategies.	2012
432	RMK10	ScienceFund	The Development of Three-Dimensional Bone Reconstruction Method from MRI Data for Medical Application	2012
433	RMK10	ScienceFund	Real time crying and sweating simulation based on human emotion through brain computer interface and haptic heat to perform realistic virtual human	2012
434	RMK10	ScienceFund	Development of Semiconductor Optical Amplifier (SOA) functionality for all-optical wavelength conversion and noise reduction	2012
435	RMK10	ScienceFund	A Software-Defined Ultra-Wideband Mobile Wireless Transceiver Based On Adaptive Channel Estimation Method Using Nonstationarity Channel Information	2012
436	RMK10	ScienceFund	Software Security Engineering In Agile Development Methods	2012
437	RMK10	ScienceFund	Blood Flow Visualization of Heart Artery for Cardiac Disease Diagnosis	2012
438	RMK10	ScienceFund	Development Of Secure Real-Time Data Hiding System In Gsm Mobile Encoded Speech Signal	2012
439	RMK10	ScienceFund	3D spatial modelling and managing topology in DBMS using the new dual half-edge data structure	2012
440	RMK10	ScienceFund	Mobility and Handoff Management for Cognitive Radio Mobile Ad-Hoc Networks (CRMANETs)	2012
441	RMK10	ScienceFund	Writer Recognition Techniques for Handwritten Text Document	2012
442	RMK10	ScienceFund	Development of Head MonitoringSystem Using Array Transceiver for Microwave Imaging Application	2012
443	RMK10	ScienceFund	A Dynamic User Centric Model for Managing and Tracking Change and Modification Requests (DUCMoRe) of Prototype-Based Web Applications	2012
444	RMK10	ScienceFund	Component-based Software Engineering Approach for Automated Embedded Precision Farming Systems	2012
445	RMK10	ScienceFund	Development Of Enhanced Computational Intelligence Software For Oil And Gas Reservoir Characterization	2012
446	RMK10	ScienceFund	Multicast Network Security using Quantum Key Distribution (QKD)	2012
447	RMK10	ScienceFund	Hardware implementation of a novel impedance spectroscopy system for cancer cell studies	2012
448	RMK10	ScienceFund	Geometric feature identification invariant of scale and orientation	2012
449	RMK10	ScienceFund	AMOR: An Adaptive, Multimodal Architecture for Visual Object Recognition	2012
450	RMK10	ScienceFund	Automatic Design, Optimization and In-Situ Fabrication of Heterogeneous Swarm Robot Bodies using 3-D Printing and Multi-Objective Evolutionary Algorithms	2012
451	RMK10	ScienceFund	Hardware-Software Visualization to Promote Problem Solving Skills among Novice Programmers	2012
452	RMK10	ScienceFund	Development of An Image Carving Tool for JPEG Intertwined Files with Hidden Messages Detection.	2012
453	RMK10	ScienceFund	A Sustainable Cyber-Physical security model (CyPSeT) for protecting Critical National Information Infrastructure (CNII) againts illicit activities and cyber terrorism	2012
454	RMK10	ScienceFund	Green Inter-Vehicular Communication & Global Telematics System (G2-Telematics)	2012
455	RMK10	ScienceFund	Design and Development of Software based Prototype for Sudden Cardiac Death (SCD) Prediction From Electrocardiogram (ECG) Signal	2012
456	RMK10	ScienceFund	Development of A Low Cost DataGlove by Combining Flexible Bend and Force Sensors: Toward Virtual Reality's Applications	2012
457	RMK10	ScienceFund	Auto Detection Tool for Malaria Parasites on Stained Blood Films	2012
458	RMK10	ScienceFund	Automated Negotiation Support System for Value Management in Construction	2012
459	RMK10	ScienceFund	Person Recognition for Automated Visual Surveillance and Security	2012
460	RMK10	ScienceFund	Self-Diagnostic-Alert Secure Mobile Electrocardiogram System for Tele-Healthcare	2012

461	RMK10	ScienceFund	Efficient algorithm and scheme for spectrum mobility and dynamic resource management in Cognitive Radio Oriented Wireless Network for Green Communication	2012
462	RMK10	ScienceFund	Robust Watermarking for Real-time Multipoint Video Streaming System with H.264 Scalable Video Coding (SVC) Extension	2012
463	RMK10	ScienceFund	Performance Analysis of Stimulated Raman Scattering in Routing and Wavelength Assignment	2012
464	RMK10	ScienceFund	Development of a clinical decision support system for non-invasive early detection of in-vivo knee osteoarthritis using quantitative magnetic resonance imaging (MRI)	2012
465	RMK10	ScienceFund	Statistical Noise Modeling for Reliable Nano-Circuits and Systems (nanoCAS)	2012
466	RMK10	ScienceFund	A Computational Model of Human Creativity in a High Complexity Domain	2012
467	RMK10	ScienceFund	An Efficient Low Power System-on-Chip Architectures	2012
468	RMK10	ScienceFund	Design and Analysis of Robust Distributed Routing Protocols for Wireless Sensor Networks Achieving Reliability and Lifetime Extension	2012
469	RMK10	ScienceFund	Unsupervised real time prediction of faults using an efficient strategy for QP in the support vector machine to implement incremental training for efficient classification and regression.	2012
470	RMK10	ScienceFund	Wireless Intelligent Assistive Navigation Management System Using SmartGuide Devices for Visually Impaired People - Phase 2	2012
471	RMK10	ScienceFund	Energy Efficient Re-configurable Wireless Vision Sensor Network for Visual Research and Applications - Phase 2 (Multi-View Processing and Security)	2012
472	RMK10	ScienceFund	A Spectrum-Aware and Intelligent Routing Scheme for Performance Enhancement in Cognitive Radio Networks	2012
473	RMK10	ScienceFund	The 6-hop Hybrid Bee Peer-to-Peer System	2012
474	RMK10	ScienceFund	Nanostructure Thermopile Thermal-based Energy Harvester with Thermal Concentrator for Wireless Sensor Network (WSN) Applications in Biomedical and Precision Agriculture	2012
475	RMK10	ScienceFund	Further Phytomedicinal Studies of Malaysian Uncaria via LC-MS-MS Dereplication Strategies	2012
476	RMK10	ScienceFund	Ciproxifan, a Histamine H3 Antagonist as a Potential Therapeutic agent in Alzheimer's Disease	2012
477	RMK10	ScienceFund	Genetic Variation Among Six Malay Subethnic Groups: Inferences From 8 Alu Insertion Polymorphisms	2012
478	RMK10	ScienceFund	Bioconversion of Kenaf (Hibiscus cannabinus) Biomass to Xylooligosaccharides for Industrial Applications Using Recombinant Enzyme Mixtures	2012
479	RMK10	ScienceFund	Genetic characterization of the Malaysian Seladang (Bau gaurus hubbacki) and Selembru	2012
480	RMK10	ScienceFund	Design, Synthesis and Docking Simulation of Chalcone Derivatives As Anti-inflammatory Agents With Dual Inhibitory Effects on Cyclooxygenase II and Lipooxygenase Enzymes	2012
481	RMK10	ScienceFund	A DNA biosensor with dry-reagent for rapid detection of biohazard Vibrio cholerae in flood disaster zones	2012
482	RMK10	ScienceFund	Isolation of Bioactive Elastin Peptides from Livestock By-Products	2012
483	RMK10	ScienceFund	Functional Analysis of Phytochelatin Synthase With Phytoremediation Potentials	2012
484	RMK10	ScienceFund	The development of 3-D living corneal equivalent for eye irritant testing and wound healing model	2012
485	RMK10	ScienceFund	Functional annotation and pathway analysis of somatic embryogenesis-related genes.	2012
486	RMK10	ScienceFund	Development of inhibitor for juvenile hormone III (JH III) biosynthetic pathway	2012
487	RMK10	ScienceFund	Identification Of Toxins Produced By The Benthic Marine Dinoflagellates Gambierdiscus Toxicus And Coolia Malayensis	2012
488	RMK10	ScienceFund	Design and Development of Cross-Linked Enzyme Aggregates of Hemicellulases	2012
489	RMK10	ScienceFund	Integrated approach to improve local papaya varieties through anther and endosperm culture	2012
490	RMK10	ScienceFund	Transgenic hairy root culture of Polygonum minus for the production of β -caryophyllene	2012
491	RMK10	ScienceFund	In vivo modulatory effects of standardised extracts of Phyllanthus amarus and Tinospora crispa on innate immune responses	2012
492	RMK10	ScienceFund	Immunophenotype of CD antigens as diagnostic and prognostic biomarkers for gastric cancers	2012
493	RMK10	ScienceFund	The Impact of Composite PLGA-Collagen Electrospun Nanoscaffold on Cartilage Regeneration	2012
494	RMK10	ScienceFund	Hybrid collagen nanofibers – skin cell patch for the immediate treatment of severe burn	2012
495	RMK10	ScienceFund	Enhancement of nerve regeneration using natural and synthetic conduits seeded with neural differentiated stem cells for the future treatment of paralysis	2012
496	RMK10	ScienceFund	Regeneration of human ear by co-culturing microtic chondrocytes with human adipose tissue derived stem cells	2012
497	RMK10	ScienceFund	Anticancer properties of glucans from 'kulat liat', Lentinus squarrosulus.	2012
498	RMK10	ScienceFund	Multigene phylogeny and diversity study of marine fungi	2012
499	RMK10	ScienceFund	Detection of immunogenic parasite and host-specific proteins in the sera of individuals infected with Plasmodium Knowlesi	2012
500	RMK10	ScienceFund	Recombinant expression of TES-26 and TES-30 of Toxocara canis by the yeast Pichia pastoris for diagnostic use	2012
501	RMK10	ScienceFund	Structure-based design of Transforming Growth Factor- β type II receptor inhibitors as potential therapeutic drugs	2012
502	RMK10	ScienceFund	Development of a cell ablation system for restriction of pollen flow and development of male sterile lines for hybrid rice development	2012
503	RMK10	ScienceFund	Impact of PAX4 genes mutation on sitagliptin treatment response in type 2 diabetes mellitus patients.	2012
504	RMK10	ScienceFund	Proteomics analysis of virus host interaction: the Chikungunya virus	2012
505	RMK10	ScienceFund	Preparation, characterization, in vitro and in vivo study of Prednisolone poly (FAD-SA) nanoparticle using palm oil derivatives.	2012

506	RMK10	ScienceFund	Acute phase proteins and heat shock proteins as novel health and well-being biomarkers in broiler chickens housed at different stocking densities	2012
507	RMK10	ScienceFund	Pathogenicity and Molecular Characteristics of Avian Pathogenic Escherichia coli (APEC) isolates of Malaysia for the Development of Vaccine	2012
508	RMK10	ScienceFund	Establishment of mechanism of tumour regression through complement mediated inflammatory reaction of C5a-C5aR axis	2012
509	RMK10	ScienceFund	Development for Mass Production of Recombinant Bacterial Vaccines for Manheimiosis Based on Chemostate Culture Using 2 Litre Stirred Tank Fermenter	2012
510	RMK10	ScienceFund	Oncolytic activity of Newcastle disease virus on chemoresistant cancer cells	2012
511	RMK10	ScienceFund	Exploration of Metabolites Produced by Locally Isolated Lactobacillus sp. as "Green" Aquaculture Feed Supplement	2012
512	RMK10	ScienceFund	Development of expressed markers for Gracilaria species with higher yield and quality of agar	2012
513	RMK10	ScienceFund	Functional characterization of dendritic cells and CD4 T cells following H5N1 vaccination and infection in chicken	2012
514	RMK10	ScienceFund	Use of Enzyme Mimics In The Development of Nanowire Based Biosensor.	2012
515	RMK10	ScienceFund	Establishment of the first 'super electroporator' platform in Malaysia for the delivery of bicistronic expression vectors with shRNA and GFP open reading frames into the cerebral cortex of mouse model for Down syndrome.	2012
516	RMK10	ScienceFund	In vivo investigation of the analgesic and anti-arthritis effects of zerumbone on complete Freund's adjuvant (CFA)-induced rheumatoid arthritis model in rats	2012
517	RMK10	ScienceFund	Cell migration and angiogenesis inhibition by targeting Wnt as a potential cancer treatment strategy	2012
518	RMK10	ScienceFund	Investigating RAGE (Receptor for Advanced Glycation Endproducts) as a potential target in malaria immunotherapy	2012
519	RMK10	ScienceFund	Detergent for Machine-Wash (DMW) Containing Locally Produced Thermostable Enzymes	2012
520	RMK10	ScienceFund	In vitro selection and development of submergence-tolerant rice (Oryza sativa L.) cultivar using cell suspension cultures	2012
521	RMK10	ScienceFund	Unravelling Structure of Riboflavin Synthase For Designing of Potential Anti-Bacterial Drug	2012
522	RMK10	ScienceFund	Evolutionary Reinforcement Learning for Flexible Protein Docking	2012
523	RMK10	ScienceFund	Therapeutic Effects of Calcium Carbonate Nano-crystal Aragonite Polymorph on Bone Cancer Metastasis and Drug Delivery System	2012
524	RMK10	ScienceFund	Novel Mini-Enzyme for Enantiomeric Separation of (R,S)-Ibuprofen Drug	2012
525	RMK10	ScienceFund	Tumor Necrosis Factor-Alpha (Tnfa), Vitamin-D Receptor (Vdr) And Adipokine Gene Polymorphisms, Micronutrients, And Risk Of Nasopharyngeal Carcinoma	2012
526	RMK10	ScienceFund	Vaccine Development Against Streptococcosis In Cultured Red Tilapia; Oreochromis Species	2012
527	RMK10	ScienceFund	Evaluation of local spices and herbs for the reduction of heterocyclic amines (HCAs) in meat and meat products	2012
528	RMK10	ScienceFund	Hyaluronan (HA) Producer Harboring has Genes from Streptococcus zooepidemicus and Bioprocessing Strategies of HA Biosynthesis	2012
529	RMK10	ScienceFund	Authentication Analysis of Edible Bird's Nest Based on Proteomics-Based Methods in Combination with Chemometrics.(Ketetapan/Pelarasas Keaslian Sarang Burung Walit)	2012
530	RMK10	ScienceFund	Transcriptome profiling for identifying novel biomarkers in swiftlets of conservation and industry importance (Ketetapan/Pelarasas Keaslian Sarang Burung Walit)	2012
531	RMK10	ScienceFund	Development of PCR-ELISA method for rapid and simultaneous identification of edible birds' nest (EBN) and related swiftlets species - Ketetapan/Pelarasas Keaslian Sarang Burung Walit (Top Down Biotek Projek)	2012
532	RMK10	ScienceFund	Quality And Anti-Aging Determinants Of Edible Bird's Nest (Ebn) By Nutrigenomic And Metabolomic Strategies (Ketetapan/Pelarasas Keaslian Sarang Burung Walit)	2012
533	RMK10	ScienceFund	Molecular epidemiology, antibiotic resistance mechanisms and virulent properties of recently emerging nosocomial pathogen Stenotrophomonas maltophilia and its impact to healthcare	2012
534	RMK10	ScienceFund	Efficient Retting of Kenaf using Microbial Enzymes	2012
535	RMK10	ScienceFund	Development of nanofiber biocatalyst system	2012
536	RMK10	ScienceFund	Biomonitoring works for the detection of xenobiotics in the Juru area using a composite Xenoassay® system	2012
537	RMK10	ScienceFund	Implementation of food-borne pathogens in production of oral vaccines and delivery of antibiotics using Bacterial Ghost (BG) platform system.	2012
538	RMK10	ScienceFund	Establishment of DNA-based methodologies for admixture detection and quantification of domestic meat species	2012
539	RMK10	ScienceFund	microRNA-mediated immunomodulation of microglia by mesenchymal stem cells	2012
540	RMK10	ScienceFund	design, synthesis and structure-activity relationship studies on 2,4,6-trihydroxygeranylacetophenone (tHGA) analogues, an anti-inflammatory natural compound	2012
541	RMK10	ScienceFund	Development Of Novel Functional Meat Products With Cardioprotective Properties And Enhanced Shelf-Life Quality By Incorporation Of Defatted Kenaf Seed Meal (Dksm)	2012
542	RMK10	ScienceFund	Engineering synthetic biological platforms for bacterial surrogates	2012
543	RMK10	ScienceFund	Evaluation of T cell and dendritic cell responses upon vaccination with H5-recombinant fowlpox viruses coexpressing host cytokine	2012
544	RMK10	ScienceFund	Generation of Human Amniotic Fluid Stem (AFS) Cells from Full Term Pregnancies: Prospective Cells for Therapy	2012

545	RMK10	ScienceFund	Development of a Dielectrophoresis Microfluidic Lab-on-Chip Device Prototype for Pure Population Isolation of Untransformed Murine Bone Marrow Derived Mesenchymal Stem Cells	2012
546	RMK10	ScienceFund	The production of monoclonal antibody against excretory and secretory proteins (ES) of the filariform larvae (L3) of Strongyloides stercoralis causing disseminated strongyloidiasis.	2012
547	RMK10	ScienceFund	Effects of physical treatments on the production of dermal bioactives from lactobacilli and bifidobacteria	2012
548	RMK10	ScienceFund	Isolation, Mechanism of Action and Synergistic Effect of Antimicrobial Active Constituents from Euphorbia hirta (Euphorbiaceae) :Development of Potential Antimicrobial Therapeutic Agent against Infectious Diseases.	2012
549	RMK10	ScienceFund	Honey-based inhaler and its regenerative potential in animal model of asthma	2012
550	RMK10	ScienceFund	Development of an electrochemical biosensor using disposable screen-printed electrodes for the detection of dengue infection	2012
551	RMK10	ScienceFund	Molecular Phylogeny of Colletotrichum species Associated with Anthracnose of Red Flesh Dragon Fruit (Hylocereus polyrhizus)	2012
552	RMK10	ScienceFund	Regeneration of dental pulp tissue from human exfoliated deciduous teeth stem cells using amniotic membrane as the scaffold	2012
553	RMK10	ScienceFund	Structural studies on Rubber Particle Membrane Proteins (REF and SRPP)	2012
554	RMK10	ScienceFund	Identification of genes associated with laticiferous tubule development and expression analysis in different clones correlating with laticifer development	2012
555	RMK10	ScienceFund	Development of New Reverse Micelles Stabilized by Biosurfactant for Antibiotics Extraction	2012
556	RMK10	ScienceFund	Design of recombinant psychrophilic chitinase (CHI II) for cold industrial process.	2012
557	RMK10	ScienceFund	Development of Novel Microbial Inoculant (NMI) from Tapai and Tempeh for Plant Growth	2012
558	RMK10	ScienceFund	Cellular and molecular response of adipocyte cells treated with mangostins for glucose lowering activity purpose	2012
559	RMK10	ScienceFund	Identification, Purification And Characterization Of Tetrathionate Hydrolase From Thiobacillus Ferrooxidans, An Enzyme Responsible For Enzymatic Devulcanization Of Waste Rubber Products	2012
560	RMK10	ScienceFund	Development of new genetic tools for protein overexpression and rapid purification systems	2012
561	RMK10	ScienceFund	Development of rapid protocols for surveillance and diagnosis of epizootic ulcerative syndrome (EUS) and molecular characterization of the associated fungus Aphanomyces invadans	2012
562	RMK10	ScienceFund	Omega-3 desaturase gene knockout using homologous recombination and its effect on fatty acid biosynthesis in microalgae Chlorella vulgaris and Ankistrodesmus gracilis	2012
563	RMK10	ScienceFund	Encapsulation of antibiotics in chitosan-alginate microcapsules for medical devices application	2012
564	RMK10	ScienceFund	Innovative Design of Simultaneous Bio-electricity Generation and Wastewater Treatment by Microbial Fuel Cell	2012
565	RMK10	ScienceFund	Molecular Characterization of Fragrance-related transcripts in Benzenoid/Phenylpropanoid pathway of Vanda Mimi Palmer (Fragrant-orchid)	2012
566	RMK10	ScienceFund	Development of highly sensitive PAL enzyme biosensor based on pellet format for the determination of orchid flower anthocyanin content at progeny stage	2012
567	RMK10	ScienceFund	Development of an Enzyme-Linked Immunosorbent Assay (ELISA) for Vitellogenin Measurement in Malaysian River Catfish, Hemibagrus nemurus	2012
568	RMK10	ScienceFund	Characterising host-parasite metabolic interaction of Toxoplasma gondii infection in murine model: A system biology approach	2012
569	RMK10	ScienceFund	Rapid identification of metastasis genes in breast cancers through genome-wide RNAi library screen	2012
570	RMK10	ScienceFund	Development of ternary copper(II) complexes as effective and selective anticancer drugs via ROS-modulation and /or proteasome inhibition	2012
571	RMK10	ScienceFund	Synthesis and Characterization of Potential Alternative Drug in Regulating Ions Transport and Cell Death in Cultured Cardiomyocytes	2012
572	RMK10	ScienceFund	Biosynthesis of acylated quercetin analogues and evaluation of their anticancer activity	2012
573	RMK10	ScienceFund	Development of selective 11beta-Hydroxysteroid dehydrogenase (type 1) inhibitors as potential therapeutic agents for obesity	2012
574	RMK10	ScienceFund	Functional pharmacogenetics of human cytochromes P450 - multipronged approaches to elucidate their mechanism in drug therapy and development.	2012
575	RMK10	ScienceFund	Targeted delivery of small interfering RNAs (siRNAs) against oncogenes using pH-sensitive nanoparticles for inhibition of cancer cell proliferation and survival	2012
576	RMK10	ScienceFund	Purification of periplasmic interferon- α 2b from Escherichia coli using an integrated approach between osmotic shock and further downstream processing	2012
577	RMK10	ScienceFund	Identification of Biomarker for Neurodegenerative Disorders and Their Potential Diagnostic Application	2012
578	RMK10	ScienceFund	The Role of Melatonin in Brain Iron Homeostasis and its Relevance to Parkinson's Disease	2012
579	RMK10	ScienceFund	Identification of genes required to produce slowly digested rice for diabetes management	2012
580	RMK10	ScienceFund	Lactococcus displaying multiple influenza protein antigens as oral vaccine against pathogenic and pandemic Influenza viruses	2012
581	RMK10	ScienceFund	Optimization of process conditions for the extraction of bioactive compounds from indigenous kembayu (Dacryodes rostrata) fruits	2012
582	RMK10	ScienceFund	Isolation, identification and characterisation of active biocoagulant agents from natural indigenous plants in Malaysia for sustainable environmentally friendly water treatment	2012
583	RMK10	ScienceFund	Inhibition of Enterovirus 71 in Cell Cultures and in Mice by Vivo-Morpholino (vivo-MO)	2012
584	RMK10	ScienceFund	Functional study of specific microRNAs in the lignin biosynthesis pathway to manipulate lignin level production in industrial pulp plants	2012

585	RMK10	ScienceFund	Enhanced Polysaccharide Production of <i>Pleurotus sajor caju</i> in Submerged Culture Fermentation	2012
586	RMK10	ScienceFund	Assessment of Appetite Suppressant Activities and Lipid Digestion Metabolite from Piper Betle Leaf Extracts Using Metabolomic Approach.	2012
587	RMK10	ScienceFund	Determination of potentially harmful microalgae in aquaculture areas of Aman Island, Penang	2012
588	RMK10	ScienceFund	New DNA techniques for rapid and on-site strain determination of juvenile Asian Arowana (<i>Scleropages formosus</i>)	2012
589	RMK10	ScienceFund	CYP1A Biomarker in Common Mullet- An Indicator to PAH and Dioxin Exposure	2012
590	RMK10	ScienceFund	Development Of An Autogenous Vaccine Of <i>Avibacterium Paragallinarum</i> In Poultry	2012
591	RMK10	ScienceFund	Biological and Molecular Characterization of Newcastle Disease Virus Genotype VII in Malaysia- Towards Development of Local Vaccine	2012
592	RMK10	ScienceFund	Development of Somatic Cell Nuclear Transfer Technology for the production of high quality Brakmas cattle	2012
593	RMK10	ScienceFund	Transcriptome profiling of nematode (<i>Haemonchus contortus</i>) resistance genes in goat	2012
594	RMK10	ScienceFund	Papaya as a model system for studying Systemic Acquired Resistance to Address Papaya Dieback Disease	2012
595	RMK10	ScienceFund	Correlation of Molecular Markers for Mastitis-free Cattle With Sub Clinical Mastitis in Local Dairy Animal.	2012
596	RMK10	ScienceFund	Isolation and validation of gene-specific biocontrol agents with high anti pathogenic activity for the control of Papaya Dieback Disease	2012
597	RMK10	ScienceFund	Molecular elucidation of pathogenic mechanism in bacterial genome (<i>Erwinia mallotivora</i>) towards the control of papaya dieback disease	2012
598	RMK10	ScienceFund	Verification of DNA biomarkers for heat stress indicator in dairy cattle	2012
599	RMK10	ScienceFund	Screening Of Mutant Pummelo For Improved Fruit Quality	2012
600	RMK10	ScienceFund	Assessment of molecular marker for growth performance in Savanna goats	2012
601	RMK10	ScienceFund	Elucidation on the mechanisms and therapeutic target(s) of cardiac glycoside compound (SNA209) from <i>Cerbera odollam</i> in ovarian cancer for discovering its potential as anti-cancer drug candidate	2012
602	RMK10	ScienceFund	Development of Natural Preservative for Herbal and Food Product from <i>Syzygium aromaticum</i> and <i>Syzygium grande</i>	2012
603	RMK10	ScienceFund	Large scale production of <i>Grammatophyllum speciosum</i> Blume (Tiger Orchid) using Temporary Immersion Bioreactor System	2012
604	RMK10	ScienceFund	Optimization of production and in vitro pharmacodynamics of tetrahydrofuran derivative F4009bP1 from fungal strain FRIM550 against Multidrug-resistant <i>Staphylococcus aureus</i>	2012
605	RMK10	ScienceFund	Acceleration of <i>Hevea brasiliensis</i> breeding programmes through the discovery and validation of SNP markers	2012
606	RMK10	ScienceFund	Utilization of Molecular Tool to Detect the Authenticity of Cocoa Clones	2012
607	RMK10	ScienceFund	Development, characterization, and bioavailability of cocoa nanopolyphenol	2012
608	RMK10	ScienceFund	Pilot Strategy Study to use HPV DNA testing to complement Conventional Pap Smear & Liquid Based Cytology in the Primary Screening of Cervical Cancer in Malaysia	2012
609	RMK10	ScienceFund	Comparative Genomics of Clinical and Environmental <i>Burkholderia pseudomallei</i> to Understand Emergence of Virulence	2012
610	RMK10	ScienceFund	Development of Targeted Protease Inhibition Assay for Lead Compound Optimization in the Drug Discovery Process	2012
611	RMK10	ScienceFund	Antiviral properties of <i>Garcinia mangostana</i> : phytochemical isolation, and derivatisation of active compound.	2012
612	RMK10	ScienceFund	High Sensitivity Optimal Path Trace Back System Development based on Viterbi Algorithm for DNA Sequences Alignment Accelerator Application	2012
613	RMK10	ScienceFund	Inter-Area Transfer Capability Assessment Considering Capacity Benefit Margin With Reliability Of Interconnected System	2012
614	RMK10	ScienceFund	Seismic Behaviour of Precast Beam-Column Joints Designed in Accordance to Eurocode 8 (EC8) under Lateral Cyclic Loading	2012
615	RMK10	ScienceFund	Photodegradation Of Organic Gaseous Pollutants Under Visible Light	2012
616	RMK10	ScienceFund	Performance of Single-Cell Cerate Zirconate Based Solid Oxide Fuel Cell At Intermediate Temperatures	2012
617	RMK10	ScienceFund	Structural Parameters and Properties of Kenaf/Cotton Blended Spun Yarns produced via Rotor Spinning	2012
618	RMK10	ScienceFund	Development Of Slope Stability Charts For Rainfall Induced Failure In Tropical Soils.	2012
619	RMK10	ScienceFund	Miniaturized Multilayer Ring-Based Microwave Filter Integrated Circuits for High-Density System-on-Chip in Wireless and Mobile Communications at Ka-Band	2012
620	RMK10	ScienceFund	Experimental Investigation of Concrete Filled Thin Walled Steel Tubes Columns to Steel Beam Connections.	2012
621	RMK10	ScienceFund	Development of flame retardant nanocomposite from irradiated EVA/LDPE and nano-Magnesium hydroxide for cable insulators.	2012
622	RMK10	ScienceFund	Hardware Prototyping of Fatigue Monitoring System using Wavelet Transform and Higher Order Statistics to Detect Neuromuscular Diseases	2012
623	RMK10	ScienceFund	Synthesis And Fabrication Of Cnt/ Metal Oxide Nanocomposite In Hybrid Junction Structure For Dye-Sensitized Solar Cell	2012
624	RMK10	ScienceFund	Development of an Ergonomic Car Operation and Control Pedal	2012
625	RMK10	ScienceFund	Green Organic Solar Cells Based on Water Soluble Polythiophene and Nanocrystalline Zinc Oxide Prepared By Inkjet Printing Technique	2012
626	RMK10	ScienceFund	Development of Integrated Electromagnetic Micro-Pump based on Embedded Planar Micro-Coil for Ultra Low Fluid Injection of Bio-Samples	2012
627	RMK10	ScienceFund	Development of Real Time Monitoring Machining Condition Using Wireless System for Rotating Spindle	2012
628	RMK10	ScienceFund	Development of High Temperature Resistant Silicon Carbide (SiC) Based MEMS Pressure Sensor for Monitoring Gas Turbine Performance	2012
629	RMK10	ScienceFund	A Novel Bulk Metallic Glass Foam for Aerospace Applications	2012
630	RMK10	ScienceFund	New Generation Thin-Film Composite Nanofiltration Membrane by Incorporation of Functionalized Nanoparticles for Ground and Brackish Water Treatment Application	2012

631	RMK10	ScienceFund	A Hydrophobic Green Polyurethane For Anti-Weathering Coating On Fiberboard	2012
632	RMK10	ScienceFund	A New And Reusable Smart Magnetic-Nanophotocatalyst (CoFe2O4/TiO2) for the Photodetoxification of Organic-Dye in Textile Industry Effluent	2012
633	RMK10	ScienceFund	Exploring the Potential of Malaysian Palm Oil Fuel Ash in Developing Durable Self-Compacting Concrete.	2012
634	RMK10	ScienceFund	Modelling of Intelligent Load Shedding Scheme Incorporating State Estimation for Islanded Distribution Network Operation	2012
635	RMK10	ScienceFund	Development of Dynamic Rollover Warning System for Heavy Vehicle using Weigh-in-motion technology	2012
636	RMK10	ScienceFund	Energy Consumption Optimization in VLSI Floorplanning of Intergrated Chip(IC) manufacturing process	2012
637	RMK10	ScienceFund	Design and Implementation of Multiband LTE based Single Chip RF Front End, Integrated LNA and Mixer in Low Voltage, Low Cost Standard CMOS Technology	2012
638	RMK10	ScienceFund	Producing Ultra Fine Grain Tubes Using Tubular Channel Angular Pressing (TCAP)	2012
639	RMK10	ScienceFund	Intelligent Five-Fingered Robotic Hand Design and Development for Prosthetic Application	2012
640	RMK10	ScienceFund	Development of Micro-Hydroelectric Using Double Stator Permanent Magnet Generator for Rural Areas	2012
641	RMK10	ScienceFund	Portable sensor for selective and specific toxic metals utilizing peptide nanocomposite as the recognition element	2012
642	RMK10	ScienceFund	Increasing the Value of Sesendok (Endospermum Malaccense) Wood Through Chemical Modification and Incorporation of Nano Clay Particles	2012
643	RMK10	ScienceFund	Hydrogel Derived Biochar Composite for Sequestration of Carbon Dioxide	2012
644	RMK10	ScienceFund	Development Of Modular Infiltration Within Permeable Pavements For Urban Stormwater Management	2012
645	RMK10	ScienceFund	Innovative Approach for Production of Epoxy Syntactic Foams Consisting Epoxy Hollow Spheres	2012
646	RMK10	ScienceFund	Formation of Thick Nitrided SiO2 Film on 4H-SiC via Wet Nitridation Technique	2012
647	RMK10	ScienceFund	Optimization Of Combustion For Compressed Natural Gas (Cng) Fuel Engine	2012
648	RMK10	ScienceFund	Development of Nanostructure Mixed Matrix Membrane for Facilitated CO2 Separation	2012
649	RMK10	ScienceFund	Development of enzymatic hollow fiber membrane reactor for the production galactosyl-oligosaccharides (GOS)	2012
650	RMK10	ScienceFund	Effect of radio frequency power and various catalysts on thermocatalytic cracking of vapor tarry material	2012
651	RMK10	ScienceFund	Enhancing Survival Rate Of Joint Replacement Implants Through Advanced Electrical Discharge Machining System	2012
652	RMK10	ScienceFund	Active powered lower extremity robotic device for gait rehabilitation in paralytic patients.	2012
653	RMK10	ScienceFund	Performance improvement in direct torque control of induction motor for electric vehicle application	2012
654	RMK10	ScienceFund	Photovoltaic Based Power Converter for Distributed Generation System	2012
655	RMK10	ScienceFund	Intelligent-based Automated Risk and Integrity Assessment Tool for Corroding Structure Using Hybrid Probabilistic-Deterministic Theory (SICA)	2012
656	RMK10	ScienceFund	Development of new catalytic process of obtaining olefin from glycerol	2012
657	RMK10	ScienceFund	Development of III-V Semiconductor Based Integrated On-Chip HEMT Devices for Wireless Power Supply and Detector Application in Nanosystems	2012
658	RMK10	ScienceFund	Design & Synthesis Of Nanometal/Msn Nanohybrid Catalyst For Methanation Of Co2 In Malaysian Natural Gas	2012
659	RMK10	ScienceFund	Multiple Inlet Swirl Stabilized Burner For Biofuels Combustion	2012
660	RMK10	ScienceFund	Localised Multi-Station Lightning Detection and Warning System	2012
661	RMK10	ScienceFund	New Technique of Partial Discharge Signals Analysis of High Voltage Transformer Using Chromatic Approach of Ultra High Frequency	2012
662	RMK10	ScienceFund	Development And Application Of Agarose Gel Membrane Microextraction For Removal And Analysis Of Environmental Pollutants In Water	2012
663	RMK10	ScienceFund	Development of Multi-Functional Inorganic Separator for Electrochemical Cells	2012
664	RMK10	ScienceFund	Micro-Structuring Of Nonconductive Ceramic Materials Using Micro-Edm With Pyrolytic Carbon In Dielectric Fluid	2012
665	RMK10	ScienceFund	Smart Material Actuated Autonomous Snake Robot for Executing Flexible Motion	2012
666	RMK10	ScienceFund	Development of Thin-Film Supercapacitor Prototypes With Embedded Power Management Circuitry for Portable Device Applications.	2012
667	RMK10	ScienceFund	Design Of Integrated Nanodevice Vertical Strained Impact-Ionization Mosfet (Vesimos) For Nanoelectronics Application	2012
668	RMK10	ScienceFund	Hybrid Polymer/Semiconductor Nanoparticles for Solar Cells Application	2012
669	RMK10	ScienceFund	Laser Assisted Micro-Milling of Biomaterial for Implant Parts.	2012
670	RMK10	ScienceFund	Development of High Performance Energy Storage Device from Nanostructured and Aligned Carbon Nanotube Electrode	2012
671	RMK10	ScienceFund	Development of high corrosion resistance of pure magnesium composite reinforced with bioactive glass for biomedical application	2012
672	RMK10	ScienceFund	Performance envelope for glass fibre reinforced epoxy (GRE) composite pipes under multiaxial loadings.	2012
673	RMK10	ScienceFund	Bio-gasoline production from POME-derived biogas via dry reforming-Fischer Tropsch synthesis routes catalyzed by rare-earth metal-doped catalysts	2012
674	RMK10	ScienceFund	Sol-Gel Synthesis of Zinc Oxide Nanostructured Thin Films for Solar Cells Applications	2012
675	RMK10	ScienceFund	Effect of doping on dielectric properties of barium strontium titanate thin films	2012
676	RMK10	ScienceFund	Design and Implementation of a Power Efficient 0.2V, 32kb Embedded Memory compiler in 45nm CMOS	2012
677	RMK10	ScienceFund	Development of a Single-Chip Platform for In-Situ Debug And Diagnosis of On-Board Integrated Circuits	2012
678	RMK10	ScienceFund	A Novel Algorithm For Alerting Motorcycles Approaching To Avoid Traffic Accidents In Malaysia	2012
679	RMK10	ScienceFund	Development of a Superconducting Wind Turbine Generator Prototype for Generation of Electricity from Wind	2012
680	RMK10	ScienceFund	Development of high performance TiO2 based varistor materials with new dopants and binders	2012

681	RMK10	ScienceFund	Development of Electromagnetism-Like (EM) Embedded Smart Controller for Energy Wastage Diagnosis and Optimization of Machine Efficiency	2012
682	RMK10	ScienceFund	Development of high-performance visible active nano-photocatalysts for sustainable photo-electrocatalytic hydrogen production from water splitting	2012
683	RMK10	ScienceFund	Effect of drying on the viability of thermophilic mixed culture for Palm Oil Mill Effluent (POME) treatment	2012
684	RMK10	ScienceFund	Research and development on secondary optics in dense array concentrator photovoltaic system	2012
685	RMK10	ScienceFund	Development of an adaptive controller to control spot weld strength during process variations.	2012
686	RMK10	ScienceFund	Hybrid Photovoltaic/Thermal Systems for Sustainable Tourism Development in Malaysia	2012
687	RMK10	ScienceFund	Development of New Formulation of Cement-Organic Material for Stabilisation of Spent Ion Exchange Resins from Nuclear Reactor Operation	2012
688	RMK10	ScienceFund	Development Of High Intensity Laser Ndt System For Critical Mapping Of Stress Distribution In Industrial Component	2012
689	RMK10	ScienceFund	Development of Automated Controller System for Controlling Reactivity by Using FPGA in Research Reactor Application and Radiation Facility	2012
690	RMK10	ScienceFund	Radiation effects on the thermo mechanical , electrical and magnetic properties of copper filler reinforced nylon 66 nanocomposites for electromagnetic interference (EMI) shielding application.	2012
691	RMK10	ScienceFund	Development of Hybrid Biomaterial Membrane by Radiation Technology Approach for Guided Bone Regeneration	2012
692	RMK10	ScienceFund	Development of graft co-polymer as metal ion adsorbent from wastewater	2012
693	RMK10	ScienceFund	Design and Development of Digital Pulse Shape Discrimination (PSD) Techniques Using Field-Programmable Gate Array (FPGA) For Simultaneous Monitoring of Neutrons and Gamma Rays	2012
694	RMK10	ScienceFund	Development of Probability Safety Assessment for PUSPATI TRIGA Reactor using Half-Scope Mode of Operations and Human Reliability Analysis	2012
695	RMK10	ScienceFund	Development of Ultrasonic Induced Thermography (UIT) System for Real - Time Defect Detection and Evaluation in Nuclear Power Plant (NPP) Components.	2012
696	RMK10	ScienceFund	Development of high sensitivity ultrasonic probes using advanced piezoelectrics (PMN-PT) with fabricated backing material for Non-Destructive Tesing (NDT) application	2012
697	RMK10	ScienceFund	Synthesis of Nanogels from Radiated Functional Copolymers for Drug Delivery System	2012
698	RMK10	ScienceFund	Development of bilayered 45S5 Bioglass® composite scaffolds for osteochondral tissue engineering applications.	2012
699	RMK10	ScienceFund	Fabrication of carbon-copper (C-Cu) composites using local carbon material through warm-compaction process for potential electrical and electronic applications	2012
700	RMK10	ScienceFund	Exploitation of industrial bio-residues for the production of nano-sized cellulose materials	2012
701	RMK10	ScienceFund	Classification of Bridge Pier and The Site Based on Its Dynamic Characteristics	2012
702	RMK10	ScienceFund	Miniaturization of Single-fed Multiband Inverted-F Antenna using Novel Finite Ground Slots for Slim Wireless Devices	2012
703	RMK10	ScienceFund	Development of a Narrow Beamwidth Non-Dish Directional Antenna for Neutral Hydrogen Emission Observation	2012
704	RMK10	ScienceFund	A history of hazards in near shoreline contaminated by organic pollutants, heavy metals and radioactive materials	2012
705	RMK10	ScienceFund	Molecular identification of Acartia species (Copepoda; Calanoida) in the coastal regions of Malaysia	2012
706	RMK10	ScienceFund	Microheterotrophic transformation of palm oil mill effluent (POME) into single-cell protein (SCP) and single-cell oil (SCO) and their application as aquaculture feed	2012
707	RMK10	ScienceFund	Uncertainty Analysis of Climate Change Impacts on Components of the Hydrologic Cycle and on Water Resources Policies	2012
708	RMK10	ScienceFund	Mangrove Associated Benthic Community in Sarawak with Special Reference to Epiphytic Algae	2012
709	RMK10	ScienceFund	Reduction of heavy metals residues from fish oil using Supercritical Fluid Extraction (SFE)	2012
710	RMK10	ScienceFund	Physiological and molecular responses of the tropical oyster larvae to ocean acidification at warm and low-saline seawater: Immediate and latent effects	2012
711	RMK10	ScienceFund	Determination of Tsunami Force on Structures	2012
712	RMK10	ScienceFund	Ballast Water Treatment Onboard Ships for Optimising Ballast Water Management	2012
713	RMK10	ScienceFund	New Seismic Hazard Map For Malaysian National Annex In Eurocode 8 And Construction Cost Implication For Buildings And Bridges	2012
714	RMK10	ScienceFund	Innovative fish rearing system with the least physiological stress using optimum light wavelength and light intensity.	2012
715	RMK10	ScienceFund	Study on Spatio-temporal Variation of Scleractinian Coral Recruitment Towards Sustainable Coral Reef Conservation in Pulau Tioman and Balok, Pahang	2012
716	RMK10	ScienceFund	Understanding chemical sensitivity and preference of grouper to amino acids for aquafeed development	2012
717	RMK10	ScienceFund	Remote Sensing and Field Survey Analysis of Active Faults in Tectonically Active Areas in Malaysia	2012
718	RMK10	ScienceFund	Marine Invasive Species in Ballast Water from Commercial Ships Berthed at Ports of Malaysia	2012
719	RMK10	ScienceFund	Shaped-Steered Electromagnetic Stationary Radar System	2012
720	RMK10	ScienceFund	High Speed Embedded Image Processor for Synthetic Aperture Radar (SAR)	2012
721	RMK10	ScienceFund	Micro-scaled Cooling Technology: Thermal Performance of Micro Heat Pipes for Use in Spacecraft Radiator	2012
722	RMK10	ScienceFund	Synthesis and Microencapsulation of Ammonium Dinitramide (ADN) monopropellant using microfluidic technology	2012
723	RMK10	ScienceFund	Fabrication of micropropulsion system using graphene based polymer derived ceramic material for application in challenging space environment	2012

724	RMK10	ScienceFund	Resources And Biology Of Tropical Tuna Species In Sulu Sulawesi Seas.	2012
725	RMK10	ScienceFund	Marine leech, <i>Zeylanicobdella arugamensis</i> infestation in marine farm fish: Occurrence, Pathogenicity and Control measures	2012
726	RMK10	ScienceFund	Population dynamic assessment of Indian mackerels and round scads in the Sulu-Sulawesi Sea (East coast of Sabah) using tagging approach.	2012
727	RMK10	ScienceFund	Data management for offshore pelagic stock (beyond 30 nm) through acoustic approach in Sarawak water	2012
728	RMK10	ScienceFund	Satellite based tracking and tracing for mobile workforce applications	2012
729	RMK10	ScienceFund	Development Of Gnss And Dgps Integrity Monitoring System In Malaysia	2012
730	RMK10	ScienceFund	Model Rekabentuk Konsep Taman Melayu	2012
731	RMK10	ScienceFund	Transportation Affordability Of Lower-Income Earner Using Collaborative Geospatial Techniques In Southwest Region Peninsular Malaysia	2012
732	RMK10	ScienceFund	Algorithm to Control Ankle Motion Amongst Hemiplegic Patients for Therapeutic Application	2012
733	RMK10	ScienceFund	Anthropometric Analysis for Forensic Discrimination of Monozygotic Twins Using Earprint Pattern	2012
734	RMK10	ScienceFund	High Power GaInNAs Quantum-well Semiconductor Laser Operating at Long Wavelength	2012
735	RMK10	ScienceFund	Probiotics as a Neuroceutical for Alzheimer's Disease	2012
736	RMK10	ScienceFund	Neuroprotective Roles of Mahanimbine, a Carbazole Alkaloid from <i>Murraya koenigii</i> Leaves	2012
737	RMK10	ScienceFund	The impact of refractive errors on accommodation system in young school children	2012
738	RMK10	ScienceFund	Engineering Properties And Performance Evaluation Of Cold In Place Recycling (Cipr) Under Superpave Design System	2012
739	RMK10	ScienceFund	Development of oil palm-based char-supported nanocatalyst for the reforming of biomass-derived tar compounds	2012
740	RMK10	ScienceFund	Development of Highly Active Nanocatalyst for Reducing Cold-Start Automotive Emissions	2012
741	RMK10	ScienceFund	Structural Failure Analysis in Hydrodynamic Ram (HRAM) using Smoothed Particle Hydrodynamics (SPH)	2012
742	RMK10	ScienceFund	Assessment of Risk of Mortality in Malaysian Pediatric Intensive Care Units and establishing a clinical database (PEDICARE)	2012
743	RMK10	ScienceFund	Design of sustained-release alginate-norfloxacin floating modular system for treatment of urinary tract infection	2012
744	RMK10	ScienceFund	Resveratrol-based oligomeric polyphenols from <i>Dipterocarpus semivestitus</i> (Dipterocarpaceae)	2012
745	RMK10	ScienceFund	Memristive Device Structures towards Neuromorphic Computational Circuits	2012
746	RMK10	ScienceFund	Late Movers Environmental Dynamic Capabilities in International Market	2012
747	RMK10	ScienceFund	Sustainable Facilities - Pedestrian Behavior Model	2012
748	RMK10	ScienceFund	Shear strengthening of precracked FRP reinforced concrete beams using bi-directional CFRP strips subjected to reversed cyclic load	2012
749	RMK10	ScienceFund	Development and Modelling Data Centre System of Animal Profiling and Animal Heredity History of Livestock	2012
750	RMK10	ScienceFund	Green Lightweight Concrete Using Alum Sludge Aggregate As Profiled Sheeting Infill	2012
751	RMK10	ScienceFund	Neuroprotection effect of polyphenols-rich tropical fruits - A clinical trial among middle-aged adults	2012
752	RMK10	ScienceFund	Modeling of Solar Charged Particle along the Equatorial Regions	2012
753	RMK10	ScienceFund	Kelestarian Hub Halal Malaysia: Inovasi dan Pengantarabangsaan Industri Pembuatan Makanan Bumiputera Islam	2012
754	RMK10	ScienceFund	Pesticides and Nutrients Modelling for Anthropogenic Organic Pollutants from the Oil Palm Plantation Area, Tasik Chini, Pahang, Malaysia.	2012
755	RMK10	ScienceFund	Self-Assembled Metallized Cylindrical Nanostructures	2012
756	RMK10	ScienceFund	Structural And Biological Activity Studies To Identify The Potential As Component In Drug On Organotin(IV) And Selected Heavy Metal (Sn, Sb, Pb Or Bi) Complexes Containing Nitrogen, Oxygen And Sulphur Containing Ligands	2012
757	RMK10	ScienceFund	Behavioral ecology study of red palm weevils, <i>Rhynchophorus</i> sp (Coleoptera: Cucurionidae), the new invasive insect pest capable of destroying the oil palm industry in Malaysia, and its control methods	2012
758	RMK10	ScienceFund	The study of novel platinum(II) salphen complex-single stranded(ss)DNA hybrid as fluorescence porcine DNA probe for Halal product identification	2012
759	RMK10	ScienceFund	Identification and Development of DNA Methylation Biomarkers Towards Response to Pre-Operative Radiotherapy Treatment in Rectal Cancer Patients	2012
760	RMK10	ScienceFund	Detection and Identification of Microsporidia Antigens in HIV/AIDS Patients via Serum Proteomic Approach	2012
761	RMK10	ScienceFund	Evaluating the extent, risk factors and the role of vitamin D deficiency in pregnant women and their newborn infants towards developing a nationwide Vitamin D supplementation programme to improve perinatal health outcomes.	2012
762	RMK10	ScienceFund	Statistical Modelling of Drought Events and Proneness in Peninsular Malaysia	2012
763	RMK10	ScienceFund	A Smart User Interface Tool for Sustainability Performance of Motor Impaired Users in Learnable and Enjoyable Environment of Game Base Learning (GBL)	2012
764	RMK10	ScienceFund	Ionic liquids in green proton-conducting polymer electrolyte fuel cells: A new development for energy generation	2012
765	RMK10	ScienceFund	Synthesis and Characterization of New Conducting Polymer/Graphene Composites for Energy Storage Devices	2012
766	RMK10	ScienceFund	High-resolution melting approach for rapid and effective evaluation of helminth in mixed-helminthes-population samples	2012
767	RMK10	ScienceFund	An Exploratory Study of Women's Experiences and Attitudes towards Vaginal Symptoms	2012
768	RMK10	ScienceFund	Reliability nano-pMOSFET Devices and Circuits Simulation - From Device Processes and Characterization to Reliability Compact Model	2012
769	RMK10	ScienceFund	Application of Novel Sunlight Driven Doped Reduced Black Titanium Dioxide Photocatalyst for Landfill Leachate Treatment	2012
770	RMK10	ScienceFund	Development Of Design Criteria And Process In The Production Of Multifunctional Lamp Post Design Based On Tropical Plant Structures	2012

771	RMK10	ScienceFund	Development of Dementia Risk Index for Malaysian	2012
772	RMK10	ScienceFund	Assessment and comparison of biological exposure indicators and respiratory health effects from chemical exposures among workers in machining industries	2012
773	RMK10	ScienceFund	Development Of Malaysian Elderly Well-Being Index	2012
774	RMK10	ScienceFund	Structural Identification of Multiple Cointegrating Vectors: An Application to Monetary Exchange Rate Model	2012
775	RMK10	ScienceFund	Effects of Political Factors on Financial Development in Selected ASEAN Countries	2012
776	RMK10	ScienceFund	Energy Prices, Inflation and Investments in Malaysia and the Asian Emerging Economies	2012
777	RMK10	ScienceFund	The Impact Of Radiant Barrier System On Residential Air Conditioning Load Under Malaysian Climatic Condition.	2012
778	RMK10	ScienceFund	Quality control of paddy rice using thermal image processing	2012
779	RMK10	ScienceFund	Resiliency to Tsunami Disaster Through Community-Based Disaster Preparedness in Penang	2012
780	RMK10	ScienceFund	Pembangunan Instrumen Menguji Kefasihan Bahasa Melayu (UKBM)	2012
781	RMK10	ScienceFund	The use of oil palm fronds to reduce rumen methanogenesis in cattle	2012
782	RMK10	ScienceFund	Perfluorocarbon-based Colloidal Oxygen Carrier for Cosmeceutical Applications	2012
783	RMK10	ScienceFund	Developing Codes for the Solution of Differential Algebraic Equations (DAEs)	2012
784	RMK10	ScienceFund	Exploring the Effectiveness of Environmental Education Program in Influencing Secondary School Students' Human-Wildlife Relationship.	2012
785	RMK10	ScienceFund	Nonparametric Test for Partly-Interval Censored Failure Time Data	2012
786	RMK10	ScienceFund	Synergistic Effects of Local Herbs in Inhibiting Angiogenesis in Leukaemia-Lymphoma Rats	2012
787	RMK10	ScienceFund	Phytase Production from Mitsukella jalaludinii as Dietary Supplement for Poultry	2012
788	RMK10	ScienceFund	Multiple curved and kinked cracks problems in infinite strip or finite plate	2012
789	RMK10	ScienceFund	Magnetic, magnetoresistive and electric transport properties of Praseodymium based nanomanganites synthesize via wet-chemical method	2012
790	RMK10	ScienceFund	Assessing the Economic Values of Ecotourism Resources	2012
791	RMK10	ScienceFund	Development of Cost Effective and Commercialization Water Treatment Technique by Using Calcareous Skeleton Stabilizing Agent: Potential Application in Attenuation of Toxic Metals	2012
792	RMK10	ScienceFund	The use of RNA interference as a novel anti-viral agent against respiratory syncytial virus	2012
793	RMK10	ScienceFund	Investigating the Efficacy of a Low Glycemic Index Diet on glycemic control and pregnancy outcomes in Malaysian women with gestational diabetes mellitus: A Randomised Controlled Trial	2012
794	RMK10	ScienceFund	The use of silt pits in non-terraced hill slopes to conserve soil nutrients and to reduce water stress in oil palm trees	2012
795	RMK10	ScienceFund	Characterisation of New Genic Microsatellite Markers in Vanda Mimi Palmer for Biodiversity Search in Malaysian Vandaceous Orchids	2012
796	RMK10	ScienceFund	Dielectric Spectroscopy Characterization of Oil Content and Bunch Components in Oil Palm Bunch Analysis	2012
797	RMK10	ScienceFund	Further characterisation of monoclonal antibodies directed towards human pathogen Candida glabrata towards development of immunoassay	2012
798	RMK10	ScienceFund	Exploring the Roles of Psychological Ownership and Job Embeddedness on the Work Engagement and Burnout among Science and Mathematics Teachers in the Klang Valley	2012
799	RMK10	ScienceFund	General health status of indigenous people in Peninsular Malaysia, Sabah and Sarawak	2012
800	RMK10	ScienceFund	Graphene/Iron Oxide Thin Film for Photoelectrochemical Hydrogen Evolution	2012
801	RMK10	ScienceFund	Development of monoclonal antibodies against heat treated porcine blood for blood detection in surimi products	2012
802	RMK10	ScienceFund	The Integrated Ergonomics Approach In Reducing Musculoskeletal Disorders Among Harvesters In Oil Palm Plantation	2012
803	RMK10	ScienceFund	Suitability of Household Organic Waste as a Feedstock for Anaerobic Digestion	2012
804	RMK10	ScienceFund	Tapping Interlanguage Representations of Malaysian ESL Learners via an E-Primed Grammaticality Judgment Test: Argument versus Adjunct wh-questions	2012
805	RMK10	ScienceFund	Development of a lifting model for the Malaysian population	2012
806	RMK10	ScienceFund	Reduction of Greenhouse Gases and Nitrogen Fertilizer Loss from Agriculture Land Using Biological Charcoal (Biochar) as a Soil Amendment	2012
807	RMK10	ScienceFund	Environmental Exposure, Asthma and Allergies among Preschool Children :A Strategic Model on Preventive Measures	2012
808	RMK10	ScienceFund	Program Intervensi: Persediaan Hari Tua dalam kalangan Peserta Skim Kredit Mikro di Semenanjung Malaysia	2012
809	RMK10	ScienceFund	A web-based mental health assessment and psychiatric intervention programme in Malaysia	2012
810	RMK10	ScienceFund	Development Of Process Improvement For The Recovery Of Bioactive Peptides From Fish Industry By-Products	2012
811	RMK10	ScienceFund	A Comprehensive Impact Assessment Study of Micro Financing Schemes in Malaysia	2012
812	RMK10	ScienceFund	Investigation of novel high potential optical sensor for detection of heavy metal ions in aqueous solution.	2012
813	RMK10	ScienceFund	Quantification of adhesion of fat-based fouling deposit to the stainless steel surface during cleaning-in-place	2012
814	RMK10	ScienceFund	Potential Herbs (Acmella uliginosa, Melastoma malabathricum, Piper sarmentosum & Piper betle) against Vaginal Candidiasis Induced Rats.	2012
815	RMK10	ScienceFund	Remediation of Soil Contaminated using Improvised Electrokinetic Method	2012
816	RMK10	ScienceFund	Therapeutic efficacy of oral tHGA in murine models of allergic asthma	2012

817	RMK10	ScienceFund	Development Of Functionalized Adsorbents For Carbon Dioxide Capture	2012
818	RMK10	ScienceFund	Investigation of proteins induced in-vivo as diagnostic marker(s) for leptospirosis	2012
819	RMK10	ScienceFund	Public goods procurement auction to allocate heritage conservation subsidy: An experimental study	2012
820	RMK10	ScienceFund	Removal of Natural Organic Matter (NOM) using self-cleaning mixed matrix membrane	2012
821	RMK10	ScienceFund	Development of new cannulated screw in diamond-shaped arrangement for management of fracture neck of femur	2012
822	RMK10	ScienceFund	Superhydrophobic Ceramic Membrane for Carbon Dioxide Removal	2012
823	RMK10	ScienceFund	To study the physical impact of the "Cho Abelian Decomposition" of the gauge potential in the SU(2) Yang-Mills-Higgs Theories of the Monopoles Solutions.	2012
824	RMK10	ScienceFund	Rubber-blend-based Pressure-sensitive Adhesives	2012
825	RMK10	ScienceFund	Novel Bioabsorbable Inteference Screw Composite Consist of Rice Husk Bioactive Ceramic and Poly-L-Lactide	2012
826	RMK10	ScienceFund	Environmental effects and its influence of increased green house gasses in Peninsular Malaysia	2012
827	RMK10	ScienceFund	Novel Imaging Technique For Accurate Reconstruction Of Prostheses / Orthoses	2012
828	RMK10	ScienceFund	Seismic Risk Assessment And Forecasting Of Klang Valley And Kundasang Regions Due To Previous And Possible Local Earthquakes	2012
829	RMK10	ScienceFund	Development and structural optimisation of dual-layer hollow fibre for micro-tubular solid oxide fuel cell	2012
830	RMK10	ScienceFund	Development of a Multi-Objective Stormwater Extended Detention Pond Model for Urban Catchment System	2012
831	RMK10	ScienceFund	Development of Organo-Zeolite as Advanced Controlled Release Fertilizer	2012
832	RMK10	ScienceFund	Enhancement of Activated Sludge Settleability with Potential Reduction of Sludge Bulking under Facilitation of Magnetic Fields	2012
833	RMK10	ScienceFund	Development of New Form Biogranular Sludge Under the Influence of Magnetic Induction for Industrial Wastewater Treatment	2012
834	RMK10	ScienceFund	Simultaneous Production of Synthesis Gas and Pure Hydrogen Using Ceramic Hollow Fiber Membrane Microreactor	2012
835	RMK10	ScienceFund	Development Of Bio-Material For Strengthening Reinforced Concrete Structure	2012
836	RMK10	ScienceFund	Development of a Tool Using a Hybrid of Bees Algorithm and Flux Balance Analysis (BAFBA) for Improving the Production of Vitamin B in Microbial Strains	2012
837	RMK10	ScienceFund	Developing The Rating System Model For Assessing The Livability Of Malaysian Cities	2012
838	RMK10	ScienceFund	Carbon dioxide separation using Kenaf (Hibiscus Canninus (L.) based adsorbent in pressure swing adsorption system.	2012
839	RMK10	ScienceFund	Development of a preliminary design chart for practical use for the Deep Mixing Method.	2012
840	RMK10	ScienceFund	Biomediated soil improvement	2012
841	RMK10	ScienceFund	A Prototype Development Of Sidewalk Design Support Tool: Based On Pedestrian Decision Pattern Recognition	2012
842	RMK10	ScienceFund	Geoinformation Based Marine Cadastre Legal Framework For Socio-Economic Sustainable Development in Malaysia	2012
843	RMK10	ScienceFund	Development Of High Durable Polymer-Clay Electrolyte Membrane For Direct Methanol Fuel Cell	2012
844	RMK10	ScienceFund	Potential Health Benefits Exploration of Baccaurea angulata fruit in relation to Cardiovascular Indices in Hypercholesterolemic Rabbits	2012
845	RMK10	ScienceFund	Exploring the safety and efficacy of standardized extract of high antioxidant beverage from belimbing dayak (Baccaurea angulata) for cardiovascular control.	2012
846	RMK10	ScienceFund	Design and Development of Intelligent Two-Wheeled Wheelchair for Disabled	2012
847	RMK10	ScienceFund	Design, Synthesis, Characterisation and Cytotoxicity Study of New Chiral Calixarene Derivatives	2012
848	RMK10	ScienceFund	Deveopment of green recyled-PP composites for high strength applications	2012
849	RMK10	ScienceFund	Dyslexia In The Workplace: Patterns Of Difficulties And Coping Strategies.	2012
850	RMK10	ScienceFund	Development of Functional Foods from Selected Seaweeds of Sabah	2012
851	RMK10	ScienceFund	Promoting Sustainable Livelihoods and Food Habit Practices Among Semporna Coastal Community	2012
852	RMK10	ScienceFund	Material And Energy Flow Analysis For Agricultural Biomass Waste In Terengganu Region	2012
853	RMK10	ScienceFund	The Effect Of Selected Heavy Metals Exposure On Chromosomal Integrity Over Multiple Generations In Selected Species Of Chironomus Larvae.	2012
854	RMK10	ScienceFund	Isolation of virulent isolates of entomopathogenic fungi against the invasive coconut pest, Red Palm Weevil (Rhynchophorus ferrugineus; Curculionidae; Coleoptera)	2012
855	RMK10	ScienceFund	Failure modes evaluation of Al/PU foam sandwich composite under flexural and compression test using ANSYS MULTIPHYSIC	2012
856	RMK10	ScienceFund	Development of Bio-functionalized Mesoporous Materials For Eradication Of Pomacea Canalicuta (Siput Gondang Emas) Eggs	2012
857	RMK10	ScienceFund	Breast cancer detection in digital mammograms using multiresolution representations	2012
858	RMK10	ScienceFund	Relationship between the electrical and magnetic properties of saturated porous rocks and nanoparticle content for application to improve wireline logging measurements of low resistivity formations	2012
859	RMK10	ScienceFund	Towards effective sequestration of carbon dioxide on Malaysian coal seams - investigation of capacity and related attributes.	2012
860	RMK10	ScienceFund	CO2 Capture Using an Amino-polymeric Membrane	2012
861	RMK10	ScienceFund	Developing A Biodegradable Low Cross-Link Carboxymethylcellulose Hyrogels From Sago Waste For Control Release Of Colon Anticancer Drug	2012
862	RMK10	ScienceFund	Spray drying of xanthones: Physicochemical properties and release profile of powder	2012

863	RMK10	ScienceFund	Application of CYP2E1 as a clinical tool to monitor progression of diabetes and its complications	2012
864	RMK10	ScienceFund	Determining the impact of urinary incontinence on quality of life using QUID and exploring evidence for autonomic nervous system dysfunction in these women	2012
865	RMK10	ScienceFund	Detection of abnormal conditions in waste water treatment plants using image analysis.	2012
866	RMK10	ScienceFund	Multifunctional and Reconfigurable Substrate-integrated-dielectric-resonator (SIDR) Microwave Components	2012
867	RMK10	ScienceFund	Investigating the Formation and Maintenance of Somatosensory Disorders and Bodily Misperceptions	2012
868	RMK10	ScienceFund	Production of high polyphenols cocoa (Theobroma cacao L.) by adsorption drying technique	2012
869	RMK10	ScienceFund	Patients' Experience of Insulin Therapy for Type 2 Diabetes Management	2012
870	RMK10	ScienceFund	Addressing osteoporosis prevention in Malaysian postmenopausal women: a tertiary hospital setting	2012
871	RMK10	ScienceFund	The predictive use of vision by Orangutans (Pongo abelii) in navigation and foraging for rewards in naturalistic environments.	2012
872	RMK10	ScienceFund	Radio Propagation Modeling of Drain in Urban Environment: an Empirical and Numerical Approach via Ray Tracing Simulations	2012
873	RMK10	ScienceFund	Mammographic Breast Density In Malaysian Women: A Multi-Centre Study Of Full-Field Digital Mammography	2012
874	RMK10	ScienceFund	Study on behaviour of radionuclides in local soils to understand the factors affecting their dispersion and fate in the terrestrial environment	2012
875	RMK10	ScienceFund	Approach of IMTA (Integrated multitrophic aquaculture) to optimize the aquaculture production and as marine pollution control.	2012
876	RMK10	ScienceFund	Enhancing Amino Acid Utilization In Poultry Through Standardized Ileal Digestibility Technique	2012
877	RMK10	ScienceFund	Evaluation Of The Ethnoveterinary Properties Of Selected Local Plants For Wound Healing In Animals	2012
878	RMK10	ScienceFund	Maltodextrin production from breadfruit and broken rice starch via enzymatic hydrolysis for food and pharmaceutical industry	2012
879	RMK10	ScienceFund	Development of edible antimicrobial active packaging film from seaweed and Cinnamomum zeylanicum extract for food applications	2012
880	RMK10	ScienceFund	Development of antioxidant-rich tea and standardized extract from Citrus microcarpa ('limau kasturi') waste	2012
881	RMK10	ScienceFund	Evaluation of Oil Palm Leaflet as Feed for Lactating Dairy Cows	2012
882	RMK10	ScienceFund	Improvement of greenhouse solar dryer using Computational Fluid Dynamics (CFD) for seaweeds production.	2012
883	RMK10	ScienceFund	Genotype x Environment evaluation of new pineapple hybrids	2012
884	RMK10	ScienceFund	Development of Early Maturing and High Yielding Rice Progenies	2012
885	RMK10	ScienceFund	Development of low-acrylamide tapioca chips by using antioxidants extract from local sources	2012
886	RMK10	ScienceFund	Development of Malaysian Hybrid Rice Variety Using Three Lines System .	2012
887	RMK10	ScienceFund	Development of high density grains variety for enhancing rice yield potential.	2012
888	RMK10	ScienceFund	Causal factors and sustainable corrective measures for rusty pulp incidence in jackfruit (Artocarpus heterophyllus)	2012
889	RMK10	ScienceFund	Integrated nutrient management for rice production using Plant Growth Promoting Rhizobacterial (PGPR) inoculant	2012
890	RMK10	ScienceFund	Evaluation of Local Improved Cassava Varieties as Feeds for Dairy Goat	2012
891	RMK10	ScienceFund	Nematophagous Fungi From Local Isolates To Control Root-knot Nematode (Meloidogyne incognita)	2012
892	RMK10	ScienceFund	Effective pre-treatment process to eliminate wet pockets in conventional drying of acacia	2012
893	RMK10	ScienceFund	Development of Strategies and Techniques to Control the Asian Subterranean Termite Coptotermes gestroi Wassman in Urban Settlements	2012
894	RMK10	ScienceFund	Development of Corrugated Particleboard (CPB) As A New Innovative Product for Structural Applications	2012
895	RMK10	ScienceFund	Development of Multi-Purpose Measurement Device and System For Forest Inventory and Mapping	2012
896	RMK10	ScienceFund	An Innovative Rapid Biodiversity Assessment of Insects for Environmental Impact Assessment	2012
897	RMK10	ScienceFund	Strategic Decision Making Tools in Government Asset & Facilities Management	2012
898	RMK10	ScienceFund	Measuring Performance Of Maintenance Providers / Contractors In Public Works Department Using The Servqual Methods.	2012
899	RMK10	Flagship	Merekabentuk Prototaip Teknologi Mobile Biosurveillance Unit (BSL3)	2013
900	RMK10	Flagship	Development of Malaysian (Oceanographic) Data Aggregation and Archiving System (MYDAS)	2013
901	RMK10	Flagship	Drug-drug and Drug Herb Interactions Screening Platform, A Comprehensive High Throughput Safety Testing Service for Drugs, Nutraceuticals and Standardized Herbal Medicine in IPHARM	2013
902	RMK10	Flagship	An Integrated Approach: Microbes and Respond to Climate Change	2013
903	RMK10	Flagship	Diversity and Adaptation of Microbes: Across Lattitudinal Study	2013
904	RMK10	Flagship	Connectivity between Equatorial and Polar Regions: From Global Warming to Environment and Microbial Community Changes	2013
905	RMK10	InnoFund	Peningkatan Sosio-Ekonomi Komuniti Melalui Pembangunan Kemudahan Ekstraksi Produk Oleoresin Gaharu Dan Aplikasi Teknologi Inokulasi Pokok Karas: Fasa 3	2013
906	RMK10	InnoFund	Badminton Shuttlecock Vending Machine	2013
907	RMK10	InnoFund	Development of Wireless Battery Management System (Wi-BMS) for Electric Vehicle (EV)	2013
908	RMK10	InnoFund	Innovative Lightweight wall panel intergrating foam and palm oil fuel ash/silts aggregates	2013

909	RMK10	InnoFund	WorkshopMaster 2013: Development and upgrade of an intergrated Workshop management System with Web based capability for Modernization of malaysian automotive Workshop	2013
910	RMK10	InnoFund	MyOHS- Occupational Health Service Portal (MyOHS Portal)	2013
911	RMK10	InnoFund	Positif Online Parenting	2013
912	RMK10	InnoFund	Development of truck flooring boards from plantation-grown acacia in Sabah	2013
913	RMK10	InnoFund	Design & Development of 2 in 1 thermoforming system for solid surface and thermoplastic materials	2013
914	RMK10	Peruntukan Khas	Two Dimensional FlatSAT Satellite Electronics Layout with Test Model Structure	2013
915	RMK10	Peruntukan Khas	Innovative Satellite to Demonstrate Malaysian Space Technology	2013
916	RMK10	Peruntukan Khas	High Performance Parallel Data Warehousing System	2013
917	RMK10	Peruntukan Khas	Development of Advanced Flexible Manufacturing System with Dynamic Jobs Scheduling and Sequencing Capability	2013
918	RMK10	Peruntukan Khas	Spatial Smart City Service Delivery Engine	2013
919	RMK10	Peruntukan Khas	Rapid Emergency Medical System with Geospatial Technology	2013
920	RMK10	Peruntukan Khas	Optimized Cross Calibration and Validation Process for Airborne and Spaceborne Next Generation Platforms	2013
921	RMK10	Peruntukan Khas	Large Scale Production of Tuber of Tiger's Milk Mushroom (Lignosus Rhinocerus)	2013
922	RMK10	Peruntukan Khas	GPU Enhanced Robust Multi-Dimensional Facial Identification System for CCTV Evidence In Video Forensics Analysis	2013
923	RMK10	Peruntukan Khas	New Technologies for Sustainable Bio-economy: Construction of Microbial Cell Biocatalysts for Production of Biobased Fine Chemicals	2013
924	RMK10	Peruntukan Khas	Co-Development of a Biosimilar Etanercept	2013
925	RMK10	Peruntukan Khas	Konsortia Nanocrystalline Cellulose	2013
926	RMK10	Peruntukan Khas	Graphane Wafer	2013
927	RMK10	Peruntukan Khas	Big Data Middleware Framework for Planning, Simulation and Predictive Analytics	2013
928	RMK10	Peruntukan Khas	Integrated Intelligent Command Control and Communication System (IICCCS)	2013
929	RMK10	Peruntukan Khas	Development of a Natural Products Library from Malaysian Biodiversity for Systematic Discovery of Potential Active Therapeutic Agents for Obesity	2013
930	RMK10	Peruntukan Khas	Development of a Comprehensive Halalcopeia Database Reference Methods on Porcine (Halal) Analysis for Industry Referral on Pharmaceutical and Cosmeceutical Products	2013
931	RMK10	TechnoFund	Mass Rearing and Field Evaluation of Transgenic Aedes Aegypti (L.) for the Control of Dengue Vector	2013
932	RMK10	TechnoFund	Integrated Intelligence Surveillance System	2013
933	RMK10	TechnoFund	Co-Digestion of Source-Segregated Food Waste and Sewage Sludge at an Existing Sewage Treatment Plant with Production of Biogas as Renewable Energy	2013
934	RMK10	TechnoFund	Pre-Commercialisation of In Vitro Diagnostics Kit for Infectious Diseases In Neglected Economies	2013
935	RMK10	TechnoFund	Up Scaling of Bacteriophages Production As Biopesticide for Controlling Crops Diseases	2013
936	RMK10	TechnoFund	The Production of Cellulose Nanocrystals (CNC) from Kenaf Bast Fiber	2013
937	RMK10	TechnoFund	Development of Automation Intravenous Catheter Assembly Integrated with Vision Inspection System Machine	2013
938	RMK10	TechnoFund	Pre Commercialisation of Bwave Wireless Digital Lifestyle System	2013
939	RMK10	TechnoFund	To Develop Malaysia 1st Universal Tool & Cutter Grinding Machine Using Home Grown Technology (8 Axis)	2013
940	RMK10	TechnoFund	Pre-Commercialization of a Desk-Top Dynamometer	2013
941	RMK10	TechnoFund	To Setup Prototype Plant for Pre-commercialization of New Renewable Fuel "Power Oil"	2013
942	RMK10	TechnoFund	Tracewalk – Cloud Based Backup Search	2013
943	RMK10	TechnoFund	Urban Hatchery and Satellite Farm for Crustaceans	2013
944	RMK10	TechnoFund	Development and Evaluation of A Prototype Lateral Flow Cassette Rapid Test for Laboratory Diagnosis of Extraintestinal Amoebiasis	2013
945	RMK10	TechnoFund	Pre-Commercialization of Fast Response, Non-intrusive and in Vivo Blood Glucose Sensor using NIR Interferometer Method for Biomedical Application	2013
946	RMK10	TechnoFund	Hand, Foot And Mouth Disease (HFMD) Coxsackievirus A16 (CA16) VLP Vaccines: Development Of A Scalable Bioprocess For Production Of A CA16 Preclinical Batch For Characterization Toxicology Studies In Preparation For A First-In-Man Clinical Trial	2013
947	RMK10	TechnoFund	Development of Genetically Improved Disease Resistance Line of Black Tiger Shrimp (Penaeus Monodon) in a Closed Nucleus	2013
948	RMK10	TechnoFund	Design And Development of Automation Wafer/Chip & Die Sorter Integrated Vision Inspection Machine	2013
949	RMK10	TechnoFund	OBESS - O3TEK Bacteria Eliminator Sterilizing System	2013
950	RMK10	TechnoFund	RESCUE-i Monitoring System	2013
951	RMK10	TechnoFund	Pre-Commercialisation of Selectively Bred Red Tilapia	2013
952	RMK10	TechnoFund	To develop a Voice Biometrics System Intended to be Applied for Physical Access Authetication	2013

953	RMK10	TechnoFund	1-5Gb/s High Speed Low Cost Small Foot Print Integrated Optical Receiver (Rx) Development for Long Distance Consumer Electronics Market Applications	2013
954	RMK10	TechnoFund	Pre-commercialization of Real-Time and Continuous Monitoring integrated multi-parameter sensors for Marine Sensor Network Solution	2013
955	RMK10	TechnoFund	Pilot Production of Halal Collagen from Fish Scale	2013
956	RMK10	TechnoFund	Sistem Pengimejan dan Analisa Hiperspektral Kompak untuk Pemantauan dan Pemetaan Ladang Kelapa Sawit dari Udara	2013
957	RMK10	ScienceFund	Self Organizing Mobility Schemes with QoS supports for LTE-WiFi Networks.	2013
958	RMK10	ScienceFund	The design and development of semi-controlled environmental building for reproduction of rabbit	2013
959	RMK10	ScienceFund	Optimization of process conditions for the fabrication of novel flexible radio frequency identification (RFID) antennas	2013
960	RMK10	ScienceFund	Trusted Remote Medical Telemonitoring Attestation Model	2013
961	RMK10	ScienceFund	Development of a prototype robotic tennis ball retrieval and distribution based on computer vision technology	2013
962	RMK10	ScienceFund	Human Emotion Recognition System for Automotive Drivers Using Psychophysiological Signals	2013
963	RMK10	ScienceFund	Development of pattern reconfigurable dielectric resonator antenna for femtocell base station	2013
964	RMK10	ScienceFund	CAD Converter for Product Design Innovation in Manufacturing.	2013
965	RMK10	ScienceFund	Distributed Topology Control for Post-Disaster Information Distribution Wireless Ad Hoc Networks	2013
966	RMK10	ScienceFund	A Constraint-driven Software Clustering Technique for Remodularisation of Software Systems	2013
967	RMK10	ScienceFund	An Intelligent Tool for Mobile Malware Detection and Response	2013
968	RMK10	ScienceFund	Dynamic MAC for internetwork communication in heterogeneous wireless networks	2013
969	RMK10	ScienceFund	Proxy Mobility Managment for IP-based Wireless Sensor Networks for Sports	2013
970	RMK10	ScienceFund	Computer-Aided Breast Cancer Detection and Diagnosis in Computed Tomography Laser Mammography (CTLM)	2013
971	RMK10	ScienceFund	Semantic Knowledge Management Model for Collaborative Learning Environment	2013
972	RMK10	ScienceFund	Large Scale Evaluation of The Developed Computer Aided Auscultation System at Malaysian Hospitals	2013
973	RMK10	ScienceFund	An Integrated Approach based on Co-classification of Opinion Spam and Spammer Detection Framework to Enhance the Effectiveness of an Opinion Retrieval System	2013
974	RMK10	ScienceFund	3D Cardiac Informative Model Through CT, Angiography and Echocardiography Image Fusion.	2013
975	RMK10	ScienceFund	Quick Deployment Wi-Fi Based Indoor Navigation System	2013
976	RMK10	ScienceFund	Development of Acoustic Echo Cancellation Software for Personal Computers	2013
977	RMK10	ScienceFund	Biosignal Potential Identification of the Working Memory and Sensory through Electroencephalograph Signal for Children	2013
978	RMK10	ScienceFund	Development of Long Term Evolution Relays Based on Successive Relaying Protocol for Enhanced Spectral Efficiency	2013
979	RMK10	ScienceFund	MIMO-OFDM Radio over Fiber Integration for 4G Backhaul Heterogeneous Network	2013
980	RMK10	ScienceFund	A MIMO Dielectric Resonator Antenna For Lte/ Lte-Advanced Application	2013
981	RMK10	ScienceFund	Real-time Character Motion Control Using Data Gloves	2013
982	RMK10	ScienceFund	The Development of a Real Time Illicit Image and Video Filtering System	2013
983	RMK10	ScienceFund	Intuitive Mobile-based Tracking for Urban Simulation in Augmented Reality Environment	2013
984	RMK10	ScienceFund	Unmanned-Aerial-Vehicle (UAV) Thermal Video Content Analysis for Crowd Detection and Tracking Applied to Internal Security	2013
985	RMK10	ScienceFund	A netFPGA based Reconfigurable Middlebox for Quality-of-Service Network Traffic	2013
986	RMK10	ScienceFund	High-Bandwidth Image Processor to Detect Ship in Real-Time for Maritime Security	2013
987	RMK10	ScienceFund	The Development of Computational Modeling Tool using Hybrid Optimization Methods for Bioproduct Improvement in Cell Factories	2013
988	RMK10	ScienceFund	Development of Indoor Parameter Sensing using UWB-based System	2013
989	RMK10	ScienceFund	Optimised Multicast support for Mobile sender in Wireless Mesh Networks	2013
990	RMK10	ScienceFund	Hierarchical Horizontally Cross-tiered Scheduling for Downlink in LTE-Advanced Mobile Telecommunication System	2013
991	RMK10	ScienceFund	Efficient Autonomous Recovery Algorithm for Parallel and Distributed Systems	2013
992	RMK10	ScienceFund	Development of Intelligent Emotional Stress Behaviour Assessment (ESBA) System for Stroke Patients Using Electroencephalogram (EEG) Signals	2013
993	RMK10	ScienceFund	Automatic Image Enhancement Tool for Poor Visibility Outdoor Images	2013
994	RMK10	ScienceFund	Integrating Finger Vein and Finger Geometry Features for Robust User Authentication	2013
995	RMK10	ScienceFund	Fully Automatics Segmentation on Laser Range 3D Point Cloud for Animating Meaningful Features in Computer Graphics	2013
996	RMK10	ScienceFund	Quality of Service Based Traffic Controller For Fiber-Wireless (FiWi) Access Network	2013
997	RMK10	ScienceFund	Discriminative Combinations of Ellipses and 3DDepth Map for Objection Recognition	2013
998	RMK10	ScienceFund	Remote sensing data synergy for mapping and monitoring large-scale infrastructure projects	2013
999	RMK10	ScienceFund	Towards 3S Compliance: Enhancing Safety, Security and Safeguards at Malaysian 1-MW PUSPATI TRIGA Reactor	2013
1000	RMK10	ScienceFund	Effects Of Virgin Coconut Oil And Palm Tocotrienol Combination On Heated Oil Induced Atherosclerotic Lesions On Postmenopausal Rat Model	2013
1001	RMK10	ScienceFund	Increasing flavonoid production in Lactococcus lactis through metabolic flux analysis	2013

1002	RMK10	ScienceFund	Structure-function elucidation of a hypothetical protein as a potential biomarker and drug target for polycystic ovarian syndrome (PCOS)	2013
1003	RMK10	ScienceFund	Removal of micropollutants from domestic and municipal wastewater through phytoremediation technology	2013
1004	RMK10	ScienceFund	The Effect Of Ascorbic Acid As Differentiation Inducer For Human Adherent And Suspension Peripheral Blood Mononucleated Cells	2013
1005	RMK10	ScienceFund	Golden sea cucumber (<i>Stichopus horrens</i>) water extract as cell growth promoting agent for mammalian cell based-technology	2013
1006	RMK10	ScienceFund	Targeting betulin and ellagic acid as a potential anticancer candidates from <i>Phyllanthus watsonii</i> Airy Shaw	2013
1007	RMK10	ScienceFund	Functional analysis of six novel exonic and splicing variations of the amylo-alpha-1, 6-glucosidase, 4-alpha-glucanotransferase (AGL) gene as potential causes of Glycogen Storage Disease type III	2013
1008	RMK10	ScienceFund	Evaluation of <i>Mycobacterium indicus pranii</i> (MIP) as an immuno-potentiator in combination with 1'S-1'-Acetoxychavicol acetate (ACA) from the Malaysian <i>Alpinia conchigera</i> against various cancer types	2013
1009	RMK10	ScienceFund	Application of somatic cell nuclear transfer in the production of Jermasia goat	2013
1010	RMK10	ScienceFund	Biomarker discovery in Renal Cell Carcinoma (RCC)	2013
1011	RMK10	ScienceFund	Rational design and evaluation of aporphinoid compounds for serotonin 5-HT2A receptor activity	2013
1012	RMK10	ScienceFund	Enhancement of the Cytotoxic Effects of Serum Estrogen Receptor Modulators on Breast Cancer by Recombinant Human Erythropoietin	2013
1013	RMK10	ScienceFund	Evaluation of anti-colorectal cancer properties via the prebiotic action of sago starch	2013
1014	RMK10	ScienceFund	Development of Recombinant Bivalent Vaccine Against Vibriosis in Tiger Grouper (<i>Epinephelus fuscoguttatus</i>)	2013
1015	RMK10	ScienceFund	Protein, amino acids and fatty acids contents in juvenile African catfish <i>Clarias gariepinus</i> : effects of triploidization and chlorpyrifos exposures	2013
1016	RMK10	ScienceFund	Display of the Matrix Protein of Influenza A Virus on the Surface of Nodavirus Capsid and its Application in Vaccine Development	2013
1017	RMK10	ScienceFund	Polyphenols in oil palm (<i>Elaeis guineensis</i> Jacq.) fronds increase omega-3 fatty acids in ruminant meat.	2013
1018	RMK10	ScienceFund	Functional Analyses and Differential Expression of Nitric Oxide Associated (NOA) Protein in Oil Palm (<i>Elaeis guineensis</i> J.)	2013
1019	RMK10	ScienceFund	Development of recombinant vaccine for caseous lymphadenitis in goats	2013
1020	RMK10	ScienceFund	Large Scale Extraction, Purification, Microencapsulation and Standardization of Novel Amylase Enzyme Discovered in Red Pitaya (<i>Hylocereus polyrhizus</i>) Peel	2013
1021	RMK10	ScienceFund	Occurrence and pathogenicity of Coconut cadang-cadang viroid (CCCVd) variants on coconut and ornamental palms in Malaysia	2013
1022	RMK10	ScienceFund	Development of high yielding and fusarium wilt disease resistant watermelon hybrid variety through marker assisted selection	2013
1023	RMK10	ScienceFund	Study on the Persistency of Transgene Expression Mediated by Lentiviral Gene Delivery in Pluripotent Cell Lines	2013
1024	RMK10	ScienceFund	Chemical biology approach using photo-cross-linked small-molecule affinity beads to identify molecular target of methadone in apoptosis pathway	2013
1025	RMK10	ScienceFund	Development of a cold chain free DNA-based rapid test for the early diagnosis of meningitis.	2013
1026	RMK10	ScienceFund	Bio-Tags: Development of a chemoenzymatic protocol for site-specific antibody conjugation for diagnostic applications.	2013
1027	RMK10	ScienceFund	Development of Navigated needle-based 3D image guided Biopsy for Lung Cancer Detection	2013
1028	RMK10	ScienceFund	Towards Structural Elucidation of Fibrinolytic Enzymes produced by Microbes from Malaysian Fermented Food	2013
1029	RMK10	ScienceFund	Development of Pineapple Varieties With Improved Desirable Traits Through The Use Of Artificial MicroRNA Technology.	2013
1030	RMK10	ScienceFund	The Evaluation of Mechanical Properties, Ageing Behaviour and Design Analysis of an Advanced Ceramic for Biomedical Application	2013
1031	RMK10	ScienceFund	Drug-Like Ent-Labdan Diterpenoids As Neuroprotective Agents Targeting Amyloid- β -Induced Neurotoxicity By Suppressing NF-K β And Reactive Oxygen Species: Semisynthesis And Biological Evaluation	2013
1032	RMK10	ScienceFund	Identification of novel markers of host cellular responses to primary and secondary heterologous dengue virus (DENV) infection through microRNA regulated pathways	2013
1033	RMK10	ScienceFund	Proof-of-Concepts Study of Spred-2 for a Potential Gene Therapy for Nerve Repair	2013
1034	RMK10	ScienceFund	Development of In Vivo Imaging-Based Assay System for High-Throughput Screening of Antidepressant Compounds	2013
1035	RMK10	ScienceFund	Alkaloids from <i>Eurycoma longifolia</i> as Novel Therapeutic Agents for Social Isolation Induced Depression	2013
1036	RMK10	ScienceFund	Characterization of the molecular mechanisms of apoptotic-like death in <i>Toxoplasma gondii</i> tachyzoites during oxidative stress	2013
1037	RMK10	ScienceFund	Construction of Therapeutic and Diagnostic Bacteriophage: Towards Establishing Affordable Phage Based Therapy and Diagnostic Platform For <i>Shigella</i> Infection	2013
1038	RMK10	ScienceFund	Development of a green extraction technology for carotenoids and vitamin E from crude palm oil using ethyl lactate	2013
1039	RMK10	ScienceFund	Gastrointestinal transit of a novel oral amphotericin B nano-structured lipid crystal (NLC) formulation	2013
1040	RMK10	ScienceFund	Enantioselective lipase from <i>Bacillus subtilis</i> for the production of enantiopure compound.	2013
1041	RMK10	ScienceFund	Preclinical studies and standardisation of <i>Rhizophora mucronata</i> and <i>Mallotus indicus</i> for Testosterone Replacement Therapy as a prerequisite requirements for clinical study.	2013
1042	RMK10	ScienceFund	Development of pathway-specific anti-cancer compounds from cytotoxic extracts of genotyped Actinobacteria isolates using Zebrafish embryos	2013
1043	RMK10	ScienceFund	Separation of DNA types in seminal stains by Differential Extraction: Understanding separation profiles for forensic applications	2013
1044	RMK10	ScienceFund	Structural and Functional Genomics of Glycoside and Peptide Hydrolases from the Extremophiles <i>Glaciozyma antarctica</i> and <i>Bacillus lehensis</i> G1 for the Biobased Economy	2013

1045	RMK10	ScienceFund	Remodeling of white adipose tissue (WAT) to brown adipose tissue (BAT) via modification of selected molecular mechanisms using natural product compounds for prevention and treatment of diet-induced obesity	2013
1046	RMK10	ScienceFund	Rational design of Dengue Therapeutic Agents	2013
1047	RMK10	ScienceFund	Screening of Malaysian plant extracts: an investigation by bio-assay guided and computational docking for pancreatic lipase inhibitory (anti-obesity) properties.	2013
1048	RMK10	ScienceFund	Optimisation Of Rib In Slim Steel Fibre Reinforced Concrete (Sfrc) Load Bearing Wall Panel	2013
1049	RMK10	ScienceFund	Enhanced hydrogen production from agro-industrial waste using bio-electrochemical system and thermophilic fermentation	2013
1050	RMK10	ScienceFund	Stratified Charge Compressed Natural Gas Direct Injection with Turbocharger for Fuel Efficient Engine	2013
1051	RMK10	ScienceFund	Finite Element Method Application On Modified Asphalt Mixtures By Nano-Particles And Polymer Materials	2013
1052	RMK10	ScienceFund	Biobased thermoplastic composites from thermoplastic natural rubber and mengkuang fiber	2013
1053	RMK10	ScienceFund	Measurement and Imaging of Soil Water Content and Hydraulic Conductivity in 3D and Real Time for Saturated and Unsaturated Soil Based on Electrical Capacitance Tomography Development	2013
1054	RMK10	ScienceFund	Encapsulation efficiency and drug release mechanism of high performance biocompatible modified cellulose nanocrystals-gelatin hydrogel	2013
1055	RMK10	ScienceFund	Electrochemical Supercapacitors Electrodes from Composite of Graphene Oxide and Pre-carbonized Fibers of Oil Palm Empty Fruit Bunches	2013
1056	RMK10	ScienceFund	Alkyd core-shell structure for crack-resistant polymeric materials	2013
1057	RMK10	ScienceFund	Design, analysis and implementation of a micro-gripper manipulation system for biomedical and micro manufacturing applications	2013
1058	RMK10	ScienceFund	Development of Automotive Interior Package Design Assessment Model	2013
1059	RMK10	ScienceFund	Design and Development of an Augmented Reality-Based Simulation and Training System for CNC Milling Machine	2013
1060	RMK10	ScienceFund	Novel Development of Lightning Detection System Network Utilizing Inverse Procedure Technique and Measured Electromagnetic Fields	2013
1061	RMK10	ScienceFund	Development of Jatropha Oil Based Polyurethane /Nano-Alumina as Scratch Resistance Coating Materials	2013
1062	RMK10	ScienceFund	Recovery of P and N from effluent through struvite precipitation	2013
1063	RMK10	ScienceFund	Development and application of novel protein nanofibrils for encapsulation of nanostructured palm carotenoids	2013
1064	RMK10	ScienceFund	Numerical Simulation and Experimental Studies on the Fatigue Limit and Fatigue Strength in High Temperature of Type 316L Stainless Steel	2013
1065	RMK10	ScienceFund	Recovery of lauric free fractions from palm kernel stearin and its application as cocoa butter substitute	2013
1066	RMK10	ScienceFund	Developing Hybrid Biocomposites Reinforced Thermoset Moulding Compounds.	2013
1067	RMK10	ScienceFund	Polycrystalline Ferrites Based Thick Film Paste for Improved Microstrip Patch Antenna	2013
1068	RMK10	ScienceFund	Process Development and Characterization of Biodegradable Nanocomposite Film With Protein-Conjugated Polymer Structure and its Application for Retarding Postharvest Changes in Durian (Durio zibethinus) Fruit	2013
1069	RMK10	ScienceFund	Effective Biofuel Production Strategies By Catalytic Hydrocracking of Non-edible Vegetable Oils using Nanocatalyst	2013
1070	RMK10	ScienceFund	Development of Maleinised Acrylate Epoxidised Jatropha Oil as Anti Corrosion and Surface Coating Application Using UV irradiation technique	2013
1071	RMK10	ScienceFund	A laser thermographic imaging method and the system thereof for non-destructive evaluation of incipient thermal damage in composite materials.	2013
1072	RMK10	ScienceFund	Porous LiFePO4 Cathode Materials for Aqueous Rechargeable Lithium-ion battery	2013
1073	RMK10	ScienceFund	Development of Novel Biofloculants from Empty Fruit Bunches for Drinking Water and Sewage Treatment Applications	2013
1074	RMK10	ScienceFund	Real-time Multi-axis Motion Control System with Vibration Reduction Scheme	2013
1075	RMK10	ScienceFund	Shallow Geothermal Energy Pile Bearing Capacity in Clay	2013
1076	RMK10	ScienceFund	Development Of Novel Low Nox Flameless Combustion System Fueled By Biogas Produced From Palm Oil Mill Effluent	2013
1077	RMK10	ScienceFund	Green Technology Utilizing Catalytic Methanation for the Carbon Dioxide Treatment of Coal Burning Power Plant Flue Gases	2013
1078	RMK10	ScienceFund	Development of Wireless Implantable Drug-Delivery Device Based on Integrated Out-of-Plane Shape-Memory-Alloy Microactuator	2013
1079	RMK10	ScienceFund	Optimal Energy-Efficient Control For Positioning And Sway Control Of A Gantry Crane	2013
1080	RMK10	ScienceFund	Creative Selective Membrane for Detecting Nitrate, Phosphate, and Heavy Metals Based on Planar Electromagnetic Sensors	2013
1081	RMK10	ScienceFund	Green Inhibitor For Corrosion Of Steel Reinforcement In Concrete	2013
1082	RMK10	ScienceFund	Wake vortex alleviation of a wing with a reverse delta wing add-on device using Particle Image Velocimetry (PIV)	2013
1083	RMK10	ScienceFund	Production and Evaluation of Biodegradable Bioplastic Pot for Planting of Fast Growing Tree	2013
1084	RMK10	ScienceFund	Construction and Testing of a New Renewable Energy Source Based On Ocean Salinity and Temperature Energy Conversion Principle (OSTEC)	2013
1085	RMK10	ScienceFund	Nanosensor based Determination of Melamine in Raw Milk and Milk Products	2013
1086	RMK10	ScienceFund	Development of a novel and sustainable microwave pyrolysis process for the production of potential fuel products from waste oil	2013
1087	RMK10	ScienceFund	Design and Machining Control System for open CNC architecture model based on ISO 14649	2013
1088	RMK10	ScienceFund	An integrated system for generation of randomized high power electromagnetic field for immunity testing of critical electrical and electronic components in automotive, defence and avionic industries.	2013
1089	RMK10	ScienceFund	Synthesis of Metal Ion-Imprinted Nano-Porous Polymers for Separation of Rare Earth Elements	2013
1090	RMK10	ScienceFund	Long Chain Alkanes decorated with Banana Shaped Molecules for the Development of Optical Storage Devices:Composite Mixture Study	2013

1091	RMK10	ScienceFund	Pyrazoline Derivatives Doped Dna-Ctma Thin Films As Nano Structured Bioleds: Synthesis And Characterization	2013
1092	RMK10	ScienceFund	Direct Carbon Fuel Cell Technology Fuelled by Palm Oil Waste- Maximum System Efficiency attained by Direct Conversion of Carbon into Electricity without H2 Source	2013
1093	RMK10	ScienceFund	Development of formation control and dynamic task allocation models for multiple mobile robotic systems	2013
1094	RMK10	ScienceFund	Self Sustainable Eco-Anaerobic Membrane Bioreactor System	2013
1095	RMK10	ScienceFund	Development of New Biofiller for Thermoplastic from Waste Eggshell	2013
1096	RMK10	ScienceFund	Active learning classification and prediction engine for use in electrical distribution grids with high penetration levels of grid-connected solar PV-DG	2013
1097	RMK10	ScienceFund	Advanced Palm-Fibre Composites (PFCs) For The Aerospace Industries	2013
1098	RMK10	ScienceFund	High Quality Hot Formed Automotive Structural Part Using Boron Alloyed Steel	2013
1099	RMK10	ScienceFund	Biokinetic modeling for radionuclide accumulation in fishes and bivalves affected by Lynas Rare Earth Processing Plant	2013
1100	RMK10	ScienceFund	Enhancement Of Thermal Neutron Beam Collimation Used In Neutron Imaging System For Industrial And Cultural Heritage Applications	2013
1101	RMK10	ScienceFund	Application of isotope techniques in identifying and quantifying the groundwater resources for sustainable groundwater resources management	2013
1102	RMK10	ScienceFund	Development of Food Traceability System Applying Nuclear Analytical Technique by Using Rice as The Food Model	2013
1103	RMK10	ScienceFund	Development of New Technique using Chemical Vapor Deposition (CVD) for Radiation-induced Graft Co-polymerization as Aluminium Ion Adsorbent from Wastewater.	2013
1104	RMK10	ScienceFund	Development of NDT methods for quality control of concrete shielding materials	2013
1105	RMK10	ScienceFund	Development of a pulsed electromagnetic non-destructive testing (NDT) system for fatigue crack detection and evaluation on multilayered riveted structure of aircraft components.	2013
1106	RMK10	ScienceFund	Development of polymeric thermal neutron radiation shielding material	2013
1107	RMK10	ScienceFund	Development of Radioactive Source Tracking System	2013
1108	RMK10	ScienceFund	Radiation Compatible Thermoplastic Elastomers (TPEs) for HealthCare Industry	2013
1109	RMK10	ScienceFund	New Alkaline Fusion Process For The Recovery And Application Of Heavy Rare Earth, Uranium, Thorium And Phosphate From Local Xenotime	2013
1110	RMK10	ScienceFund	Development of Automatic Ultrasonic Scanning System for Corrosion and Weld Inspection	2013
1111	RMK10	ScienceFund	Development of Pulsed Thermography Array System for Comprehensive Circumference Integrity Assessment of Industrial Pipeline	2013
1112	RMK10	ScienceFund	Synthesis and characterization of Fe2O3/TiO2/SiO2 and Fe2O3/TiO2/Activated Carbon nanocomposite photocatalyst for dye removal	2013
1113	RMK10	ScienceFund	Nanostructured Ru-doped Li3V2(PO4)3-C as High Power Lithium-Ion Battery Cathode Material.	2013
1114	RMK10	ScienceFund	Low strain rate upset forging of preformed CoCrMo alloy	2013
1115	RMK10	ScienceFund	Biodegradable Green Packaging Materials From Polyhydroxybutyrate-co valerate/Nanocrystalline Cellulose Bio-nanocomposites	2013
1116	RMK10	ScienceFund	Integrated Zero Waste Slip Rotary Moulding Technique of Hollow Ceramic	2013
1117	RMK10	ScienceFund	Innovative Powder Injection Moulding Process for Producing Cobalt-based Metallic Femoral Hip Stem.	2013
1118	RMK10	ScienceFund	Metal Oxides Coated Carbon Foam for High Performance Electrode In Supercapacitor Application	2013
1119	RMK10	ScienceFund	Plasma sprayed TiO2/ Titanate composite coating for photocatlytic activity enhancement.	2013
1120	RMK10	ScienceFund	Continuous Solar Drying with Borehole Heat Exchanger	2013
1121	RMK10	ScienceFund	Development of Portable, Low Cost, High Speed and High Precision Optical Dicing Machine	2013
1122	RMK10	ScienceFund	NbO2 and FeO2 mesoporous carbon composite for high power density supercapacitor electrode	2013
1123	RMK10	ScienceFund	An innovative photocatalytic cementitious concrete from gypsum waste for air depollution and self cleaning	2013
1124	RMK10	ScienceFund	Ratio Modulation of HA/TCP in Si-Biphasic Calcium Phosphate for Biomedical Coating Application	2013
1125	RMK10	ScienceFund	Surface Modification of Activated Carbon with Titanium Oxide (TiO2) via Sol gel method for Energy Storage Applications.	2013
1126	RMK10	ScienceFund	Fabrication of Open Pore Cell Copper Foam via Metal Injection Molding Technique for LED Heat Sink Application	2013
1127	RMK10	ScienceFund	Improved Li-ion Battery Management System (BMS) for Stand-alone PV - application of BMS chip	2013
1128	RMK10	ScienceFund	Development of Electrospun Rayon based Carbon Fibre to Enhance Cathode Materials Durability For Lithium-Ion Batteries.	2013
1129	RMK10	ScienceFund	Super Hydrophilic Porous Chitosan Scaffold for Chronic Wound	2013
1130	RMK10	ScienceFund	Superlattice Coating by Cathodic Arc Physical Vapour Deposition (CAPVD) for Metal Allergy Prevention in Orthopedic Implants	2013
1131	RMK10	ScienceFund	High Transparency Cross-linked Chitosan/Hyaluronic Acid (HA) Biomimetic Membrane for Exudative Wound Treatment	2013
1132	RMK10	ScienceFund	Development of Highly Durable Optrode Ammonium Sensor based on Fluorescent Nanosphere for Aquacultural Conditioned Water.	2013
1133	RMK10	ScienceFund	Thermally Stable Lanthanide Complexes Doped Sol-gel Phosphor For White LED Encapsulation Material	2013
1134	RMK10	ScienceFund	Novel periodontal composite membrane containing naturally derived antimicrobial lauric acid for guided bone regeneration.	2013
1135	RMK10	ScienceFund	Dry Anaerobic Fermentation of Solid Organic Residues for Energy and Nutrient Recovery	2013
1136	RMK10	ScienceFund	Degradation of estrogenic endocrine disrupting compounds (eEDCs) from wastewater using hybrid bio-photocatalytic system	2013
1137	RMK10	ScienceFund	Single Step Catalytic Synthesis of DiMethyl Ether (DME) from Biogas Feedstock	2013
1138	RMK10	ScienceFund	Design Of Chitosan Derivative-5-Fluorouracil Conjugate For Topical Treatment Of Skin Cancer	2013

1139	RMK10	ScienceFund	Conjugated Tin Sulphide (SnS) Quantum Dots with Polyamidoamine Dendrimer for Bioimaging Application	2013
1140	RMK10	ScienceFund	Bioresorbable biphasic granules of gypsum-carbonated apatite for pediatric orthopedic application.	2013
1141	RMK10	ScienceFund	Development of a highly efficient recombinant yeast expression system for the production of pure biosuccinic acid.	2013
1142	RMK10	ScienceFund	Synthesis of Nano Kaolin from Sarawak Clay Deposits for Advanced Materials Applications	2013
1143	RMK10	ScienceFund	Toxicity Potential and Control of Engineered Nanomaterials in the Aquatic Environment and Sewage Treatment Systems	2013
1144	RMK10	ScienceFund	Development of an Environmentally Conscious Design Benchmark Tool for Identifying Optimum Ecodesign Options	2013
1145	RMK10	ScienceFund	Establishment of Road Worthiness of Passenger Car Powered by Locally Manufactured Lithium Ion Battery (MyLIPOS)	2013
1146	RMK10	ScienceFund	Design and development of impedimetric planar interdigital sensors to detect nitrate (NO3) contamination of water and groundwater source in paddy granary areas.	2013
1147	RMK10	ScienceFund	Development of Cross Laminated Timber (CLT) using Pioneer Timber Species into Structural Panel for IBS Application	2013
1148	RMK10	ScienceFund	Partitioning and assessment of radionuclides from a Coal Fired Power Plant (CFPP) in Malaysia.	2013
1149	RMK10	ScienceFund	Quantifying and development of risk assessment model for antibiotic residue in Malaysia aquatic ecosystem	2013
1150	RMK10	ScienceFund	Dietary carbohydrate requirements of Malaysian masheer, Tor tambroides	2013
1151	RMK10	ScienceFund	Decision Support System For Environmental Flow Assessment Of Altered River: A Case Study Of Sg Pelus, Perak	2013
1152	RMK10	ScienceFund	Development of Breeding Protocol and Larval Rearing Technology of Planktonic Shrimp Acetes in captivity	2013
1153	RMK10	ScienceFund	Modelling near equatorial remote imaging: models and methods for image processing	2013
1154	RMK10	ScienceFund	Developing Tsunami Inundation Models and Maps for Malaysia: Towards Security in Coastal and Offshore Facilities	2013
1155	RMK10	ScienceFund	Low Gradient Magnetic Separation of Microalgae from Fish Farm Water	2013
1156	RMK10	ScienceFund	The Development of Physical Oceanography Real Time Data Analysis System from Ocean Space-based Technology	2013
1157	RMK10	ScienceFund	Assessment Of Subsurface Infrastructures Condition Using Image-Based Non-Destructive Testing System	2013
1158	RMK10	ScienceFund	Design and Development of Utility Mapping Field-to-Finish System using Ubiquitous 3D-GIS Technique	2013
1159	RMK10	ScienceFund	Experimental Biosorption and Bioaccumulation of Rare Earth Elements (Lanthanides) using Biomass of Macroalgae	2013
1160	RMK10	ScienceFund	The Late Cenozoic Relative Sea-Level Highstand Record Of The Malaysian Coasts And Its Implications For Ongoing And Future Effects Of Changes In Relative Sea-Level	2013
1161	RMK10	ScienceFund	Subsurface Characterisation Using Electromagnetic Methods	2013
1162	RMK10	ScienceFund	Enhancement of Groundwater Potential Model Using Remote Sensing and GIS Techniques	2013
1163	RMK10	ScienceFund	Development of Tuna Fishing Site Identification Model Using Multi-Sensor Satellite Remote Sensing	2013
1164	RMK10	ScienceFund	PembangunanSistem Pengurusan Hutan Paya Laut Berteraskan Remote Sensing, SistemMaklumat Geografi (GIS), dan Teknologi Maklumat dan Komunikasi (ICT)	2013
1165	RMK10	ScienceFund	Study of Nutrient Status in Paddy Fields Using Remote Sensing and Geographical Information System (GIS)	2013
1166	RMK10	ScienceFund	Penjanaan Data Digital Elevation Model (DEM) Berketepatan Tinggi untuk Pelbagai Aplikasi Strategik, Keselamatan dan Pertahanan Negara	2013
1167	RMK10	ScienceFund	Kajian Status Terumbu Karang Menggunakan Teknologi Remote Sensing dan Sistem Maklumat Geografi (GIS) di Perairan Sabah	2013
1168	RMK10	ScienceFund	Pembangunan Metodologi Pemprosesan dan Analisis Data Remote Sensing Unmanned Aerial Vehicle (RS-UAV) bagi Pembangunan Aplikasi Keselamatan dan Pertahanan Negara.	2013
1169	RMK10	ScienceFund	Predicting shallow lakes ecosystem's response to climate variability to sustain ecosystem function	2013
1170	RMK10	ScienceFund	An Equatorial Ionosphere Index and Alert System for Space Weather Application	2013
1171	RMK10	ScienceFund	Development of Tsunami Emergency Response Plan for Kudat	2013
1172	RMK10	ScienceFund	Study of the Impacts of Anthropogenic Aerosols on Precipitation Patterns in Malaysia using the WRF-Chem Model	2013
1173	RMK10	ScienceFund	Study of the Effectiveness of Commonly Used Rainfall Measuring Instruments in Measuring Rainfall Intensity in Malaysia	2013
1174	RMK10	ScienceFund	Modeling of Surface Air Temperature Element in Attainment High Quality Data over East Malaysia Region	2013
1175	RMK10	ScienceFund	Assessing the Cloud Seeding Effectiveness to Improve the Cloud Seeding Operation	2013
1176	RMK10	ScienceFund	Development of graphene-based microwave integrated circuit filters	2013
1177	RMK10	ScienceFund	Eye tracking patterns with music intervention using VNG (videonystagmography) to improve brain plasticity among children with autism	2013
1178	RMK10	ScienceFund	Development of CMOS-process compatible ZnO nanorod synthesis by physical vapor deposition for high-sensitivity solid-state sensor application	2013
1179	RMK10	ScienceFund	Smart Reconfigurable Plasma Antenna Using Fluorescent Tube for Indoor Wireless Transmission Applications	2013
1180	RMK10	ScienceFund	Postmortem Computed Tomography Angiography (PMCTA) and Its Effects on the Histology of Vulnerable Plaques in Coronary Vessels	2013
1181	RMK10	ScienceFund	Tribological Characteristics Of Ultrafine Tungsten Carbide With Excess Carbon Composition For Cutting Insert	2013
1182	RMK10	ScienceFund	Transabdominal Fetal Oxygen Saturation Measurement using Low Power Optical Technique: Instrumentation and Phantom Analysis	2013
1183	RMK10	ScienceFund	Density Functional approach to Calculating Optical and Electrical properties of Binary and Ternary alloys quantum dots	2013
1184	RMK10	ScienceFund	Development Of Benzoyl Pyridyl Pyrazole Complexes, M(CO)2Cl2(Bzppyz) (M=Ru, Re And Os; Bzppyz=Functionalized 1-Benzoi-3-(Piridin-2-Il)-1H-Pirazol) As Potential New Dye Sensitizer For Solar Assisted Photoelectrochemical Cell	2013

1185	RMK10	ScienceFund	Multiple-Hypothesis Approach to Video Assisted Physiotherapy Monitoring System.	2013
1186	RMK10	ScienceFund	A Computer Assisted Vertebral Fracture Assessment System for Vertebrae Irregularity Classification and Retrieval.	2013
1187	RMK10	ScienceFund	UKM-CHILD Activity of Daily Living Index: Its use as a tool to measure Vision Rehabilitation Training Impact.	2013
1188	RMK10	ScienceFund	Exploring Metabolic and Hormonal Responses Elicited by Rice Consumption in Humans: Comparisons between Crossbred and Commercial Rice	2013
1189	RMK10	ScienceFund	Innovation Of A Novel Instrument To Examine The Pattern Of Limb Loading On The Human Legs In Clinical Practice	2013
1190	RMK10	ScienceFund	Sustainability Of Reading Performance And Mapping Of Functional Mri Among Dyslexic Children In Malaysia Using Special Reading Aids	2013
1191	RMK10	ScienceFund	Induction of Annexin A1 by selected phytoestrogens to inhibit various human leukaemic cells.	2013
1192	RMK10	ScienceFund	Molecularly Imprinted Polymer with Controlled Porosity for Supercapacitor Electrode	2013
1193	RMK10	ScienceFund	Modularised Charge Equalisation Controller Using Battery Monitoring IC for Lithium Ion Battery Strings in Electric Vehicle	2013
1194	RMK10	ScienceFund	Validation Of Computed Tomography (Ct) With Autopsy For Accidental And Non Accidental Injuries In Children	2013
1195	RMK10	ScienceFund	Spatial and temporal measurement of local scour around bridge piers in clay-sand mixed sediment beds	2013
1196	RMK10	ScienceFund	Development of a Smart Personalized Digital Educational Package for the Elderly based on thePET (Persuasion, Emotion, Trust) Design Approach	2013
1197	RMK10	ScienceFund	Development of Solution Processable Organic Light-Emitting Field Effect Transistors (OLEFETs) Based On Ferroelectric Gate and Metal Oxide Electrodes towards High Efficiency Active Matrix Display	2013
1198	RMK10	ScienceFund	Nanoparticle implanted polymer based organic thermoelectric materials for thermo-solar hybrid solar cells	2013
1199	RMK10	ScienceFund	The Malaysian Falls Assessment And Intervention Trial (Myfait)	2013
1200	RMK10	ScienceFund	Structural Health Monitoring System through Distributed Sensing Based on Stimulated Brillouin Scattering In Optical Fiber	2013
1201	RMK10	ScienceFund	Synthesis of resveratrol analogues and studies on their cellular anticancer signalling pathways	2013
1202	RMK10	ScienceFund	Active Pharmaceutical Ingredients from Malaysia Poison Mushroom Chlorophyllum molybdites	2013
1203	RMK10	ScienceFund	Micro-engineered Optical Fiber Devices (MeFD) by Micromachining	2013
1204	RMK10	ScienceFund	Development of Erythroxylum cuneatum fractions as an anti-withdrawal drug and their role in neuronal plasticity implicated in cognitive and neurobehavioral performance	2013
1205	RMK10	ScienceFund	Synthesis and electrical properties of novel Bi2O3–MO–Nb2O5 (M = Mg, Ca, Sr and Ba) pyrochlore electroceramics	2013
1206	RMK10	ScienceFund	Characteristics of National Music of Malaysia: Formal Analysis and Local Perception on Composition Produced by Malaysian Composers	2013
1207	RMK10	ScienceFund	Modulation of synbiotic gastrointestinal persisters with quorum sensing interference properties in Freshwater Prawn (Macrobrachium rosenbergii).	2013
1208	RMK10	ScienceFund	Robust Diagnostic Measures and Robust Parameter Estimation Techniques for Linear Regression having Multicollinearity and Outliers	2013
1209	RMK10	ScienceFund	Development of Nonlinear Active Noise Control System for Traffic Noise Reduction	2013
1210	RMK10	ScienceFund	Development of Low-cost & Efficient Green Catalyst for Transesterification of Palm Fatty Acid Distillate (PFAD) using Fast-Solvothermal Technology	2013
1211	RMK10	ScienceFund	An approach of backscattering imaging for detecting maturity level of bananas	2013
1212	RMK10	ScienceFund	Post-Mortem Computed Tomography (Pmct) As An Alternative To Conventional Autopsy In Determining Cause Of Death.	2013
1213	RMK10	ScienceFund	Exploring the Potential of New Macrocyclic Nitrogen-Sulphur ligands and their Transition Metal complexes	2013
1214	RMK10	ScienceFund	Application of Hydrophilic, Hydrophobic Ionic Liquids and Their Mixtures for Improving Physical Properties of Polyethylene/Natural Fibers Biocomposites	2013
1215	RMK10	ScienceFund	Development of Bio-Nanocomposite Materials for Food Packaging Applications	2013
1216	RMK10	ScienceFund	The role of nutrition in determining the tritrophic interaction between cabbage plant, diamondback moth, and its parasitoid.	2013
1217	RMK10	ScienceFund	Developing A Lifestyle Educational Software To Reduce The Risk Of Metabolic Syndrome Among Malaysian Women With Poly Cystic Ovary Syndrome	2013
1218	RMK10	ScienceFund	Energy demand evaluation: First step in modeling specific physical fitness training for female hockey athletes.	2013
1219	RMK10	ScienceFund	Taxonomy and DNA Barcoding of fireflies (Coleoptera: Lampyridae) in Peninsular Malaysian mangrove forests	2013
1220	RMK10	ScienceFund	Effectiveness and metabolic pathways of Saffron in treatment of obesity in rat fed a high fat diet	2013
1221	RMK10	ScienceFund	Parameters Optimization For Machining Cfrp-Aluminum Composite Laminates	2013
1222	RMK10	ScienceFund	Microencapsulation of Palm-based Medium-and Long-Chain Triacylglycerol (MLCT) and Its Application as Healthy Non Dairy Creamer: Anti-Obesity Powdered Functional Oil	2013
1223	RMK10	ScienceFund	Statistical analysis of the chemical parameters in setting quality standard for deep-fried food in Malaysia	2013
1224	RMK10	ScienceFund	Development of Low Power Cryptography for WiMAX Application using Software Defined Radio Platform	2013
1225	RMK10	ScienceFund	A Design Framework for Multi-Processor System-on-Chip (MPSoC) Architecture Design-Space Exploration in Biomedical Application: Human Heart ECG Monitoring and Processing	2013
1226	RMK10	ScienceFund	High throughput technology for identification of anti-inflammatory compound(s) from honey for wound healing application.	2013
1227	RMK10	ScienceFund	Adaptive Mitigating Technique for High Linear Laser Transmitter for Radio Frequency Signal Transceiver	2013
1228	RMK10	ScienceFund	Geotechnical Performance Of Shallow Foundation For Industrialized Building System	2013
1229	RMK10	ScienceFund	Development of a smart microgrid energy management system	2013
1230	RMK10	ScienceFund	Development of Assessment Model for Energy-Efficient Building Construction Systems	2013

1231	RMK10	ScienceFund	Optimized Quantitative Method of Risk Allocation Sharing Between Partners in Public-Private Partnership Projects in Malaysia	2013
1232	RMK10	ScienceFund	New Innovative Double-Chamber Rotary Compressor With Variable Speed Brushless Dc Electrical Motor	2013
1233	RMK10	ScienceFund	Development of Hybrid-DGA Interpretation System for Power Transformer Condition Monitoring	2013
1234	RMK10	ScienceFund	Vehicle Optimal Stability Control	2013
1235	RMK10	ScienceFund	A Novel Nonaqueous Lab-on-a-Chip Device for Direct Analysis of Lipophilic Biological and Organic Compounds in Complex Matrixes.	2013
1236	RMK10	ScienceFund	Tyrosinase Inhibitory And Antioxidant Activities Of Entada Spiralis Ridl. (Akar Sintok) For The Development Of Skin Whitening Products	2013
1237	RMK10	ScienceFund	Aerodynamic Stability Derivatives of a Hybrid Airship	2013
1238	RMK10	ScienceFund	Utilisation of Carbon Dioxide (CO ₂) for Deposition of Solid Carbon through Carbonate Molten Salt Electrolysis.	2013
1239	RMK10	ScienceFund	Evaluation of Less Developed States Towards Becoming High Income Nation	2013
1240	RMK10	ScienceFund	Novel High Performance Screen-Printed Piezoceramic Cantilever Based Resonant Micro-Power Generator For Industrial Environmental Monitoring	2013
1241	RMK10	ScienceFund	Investigation on the feasibility of late event-related potential habituation correlates to identify attention drifting phenomenon	2013
1242	RMK10	ScienceFund	Improving The Liquids Flow In Conduits And Pipes Using Structured Inner Surfaces And Polymeric Additives	2013
1243	RMK10	ScienceFund	Development of combined dark –photo fermentation immobilization cell system for enhanced bioenergy production and treatment efficiency of wastewater.	2013
1244	RMK10	ScienceFund	Development an Olympic scale of Recurve bow and archery for local junior athletes under 15 and 17 (U-15 and U-17)	2013
1245	RMK10	ScienceFund	Energy Storage Supercapacitor Fabrication from Spent Battery Recycling	2013
1246	RMK10	ScienceFund	Automatic Mangoes Detection from Complex Background Image for Agricultural Robotic Eye Application	2013
1247	RMK10	ScienceFund	Synthesis of Hybrid Amine Supported Mixed Matrix Membrane (Hy3M) for the Separation of Carbon Dioxide (CO ₂) from Methane.	2013
1248	RMK10	ScienceFund	Image-Based Numerical Modeling for Predicting the Risk of Cerebral Artery Rupture due to Aneurysm	2013
1249	RMK10	ScienceFund	Development of Organizational and Management Model for Plant Turnaround Maintenance in Malaysian Process-based Industries	2013
1250	RMK10	ScienceFund	Development of a Two-Phase Flow Algorithm for Scour Modelling in Marine Current Turbine Application by using a Meshless Method.	2013
1251	RMK10	ScienceFund	Synthesis, Characterisation, and Evaluation of Folate-conjugated Amphiphilic Star-branched PLA-(PEG)2 Block Copolymers as Nanocarriers for Targeted Drug Delivery	2013
1252	RMK10	ScienceFund	Cheminformatics assisted drug discovery of novel drug-like triazoles as potential compounds for the prevention of lethal complications of gram negative sepsis.	2013
1253	RMK10	ScienceFund	Development of a High-Productivity and Ambient Process for Production of Core-shell Biopolymer Microcapsules from Self-Assembled Pickering Emulsion Template	2013
1254	RMK10	ScienceFund	Unifying Green Financing and ISO 14000 (Environmental Management) global standards: Frontiers in Transforming Malaysian SMEs into Environmentally Sustainable Entities	2013
1255	RMK10	ScienceFund	Remittances, Institutional Innovations and Economic Development: A comparative analysis	2013
1256	RMK10	ScienceFund	Study of circulating nephrin in diabetic patients as a potential early candidate marker of diabetic nephropathy risk.	2013
1257	RMK10	ScienceFund	Development of spintronics and energy storage and conversion devices using nanostructured multiferroic materials	2013
1258	RMK10	ScienceFund	Automatic Real Time Energy Consumption Disaggregation for Non-intrusive Load Monitoring	2013
1259	RMK10	ScienceFund	A novel palm shell based activated carbon catalyst for carbon dioxide capture and reforming of methane	2013
1260	RMK10	ScienceFund	Investigating Pollution Haven Hypothesis in a Model of Production Fragmentation and Trade	2013
1261	RMK10	ScienceFund	An Intelligent Real Time Bus Driver Monitoring and Alert System for Safety Improvement	2013
1262	RMK10	ScienceFund	Integrated On-Field System for Combined Gas Species and Humidity Sensing with Wireless Transmission	2013
1263	RMK10	ScienceFund	Modelling for the Development of Novel Pharmaceutical Products from Palm Oil based Biomass	2013
1264	RMK10	ScienceFund	A Mobile System to Evaluate the Impact of Business Intelligence Systems on Organizational Absorptive Capacity and Performance	2013
1265	RMK10	ScienceFund	Ambient Radioactivity and Radiological Studies in the vicinity of Lynas Rare-Earth Processing Plant, Gebeng Industrial Estate, Kuantan, Pahang.	2013
1266	RMK10	ScienceFund	Evaluation on the protective capability of Vanilla planifolia extract to ionising radiation on normal human cell lines for the development of potential radiation protection agent	2013
1267	RMK10	ScienceFund	Nutrient Dynamic on Interaction between Nitrogen and Carbon Nutrition and Water Management for Improving of Aerobic Rice Productivity using Isotope Discrimination Technique.	2013
1268	RMK10	ScienceFund	Directional Handheld Radioisotope Identifier (HRI)	2013
1269	RMK10	ScienceFund	Development of temperature self-compensated optical dissolved oxygen sensor for aquaculture application	2013
1270	RMK10	ScienceFund	Drug eluting macroporous calcium phosphate scaffold for bone tissue engineering.	2013
1271	RMK10	ScienceFund	Body Metabolite Contaminant (Arsenic) Silicon Based Sensor Exploiting Peptide As Recognition Element	2013
1272	RMK10	ScienceFund	Wearable Optical Topography of haemodynamics mapping system of prefrontal cortex activation utilizing non-invasive functional Near Infrared Spectroscopy-Cotinuuous wave method	2013
1273	RMK10	ScienceFund	Development of semi-automated handheld maize seeder	2013

1274	RMK10	ScienceFund	Evaluation of selected plants for the development of insecticides against pests of Cruciferous crops	2013
1275	RMK10	ScienceFund	Integrated Pest Management (IPM) For Effective and Sustainable Cocoa Pod Borer (CPB) Control	2013
1276	RMK10	ScienceFund	Forensic Applications of Profiling Database in Determining the Geographic Origin and Source of Illicit Drugs in Trafficking Cases	2013
1277	RMK10	ScienceFund	Time dependent changes of morphology and molecular characterization around the intracerebellar hemorrhage (ICbH) penumbra in C57B6/J mice brain slices	2013
1278	RMK10	DSTIN	Sistem Pengeluaran Padi Aerob	2014
1279	RMK10	DSTIN	Boosting Bio-Natural Gas (BioNG) Utilisation for Energy Security	2014
1280	RMK10	DSTIN	Development of Innovative Nuclear Reactor Technology (with the Spin-Off) Based on Thorium	2014
1281	RMK10	DSTIN	TELEPRIMARY CARE – ORAL HEALTH CLINICAL INFORMATION SYSTEM (TPC-OHCIS)	2014
1282	RMK10	DSTIN	A Malaysian Innovation For Global Dengue Control. A World Class Dengue Control Tool Box Using Malaysian Biotechnology Innovation With Significant Economic Benefits To Malaysia	2014
1283	RMK10	DSTIN	Moving up the Value Chain and Environmentally Friendly Processes in silicon photovoltaic technology: Non-toxic Processes, Wafering and Crystal Growth	2014
1284	RMK10	InnoFund	Stereotactic Brain Biopsy System Using Linear Localization	2014
1285	RMK10	InnoFund	The development of new intergrated animal trap and waste disposal apparatus (TKR: Transit Killer Rat)	2014
1286	RMK10	InnoFund	Penghasilan Roti Pizza Berkalsium Menggunakan Tepung Hidroksiapatit Darpada Sisa Tulang Ikan	2014
1287	RMK10	InnoFund	Inovasi Peralatan Permainan Tradisional - Gasing Pangkah	2014
1288	RMK10	InnoFund	WauNFC: Development and Upgrade of an Automate Mobile Tapping System with web Based Capability for Modernization of Malaysia Food Restaurant	2014
1289	RMK10	InnoFund	Research and Development of New Generation Industrial Automation Controller (hereby referred to as Ariel Series)	2014
1290	RMK10	InnoFund	E-Jawi	2014
1291	RMK10	InnoFund	Program Transformasi Pasar Malam - Udara Bersih, Pelanggan Sihat	2014
1292	RMK10	InnoFund	IMARAH-a web based and mobile Islamic application for managing muslim's and masjid's activities	2014
1293	RMK10	InnoFund	Walk-a-win	2014
1294	RMK10	InnoFund	Pre Commercialisation of On-Chip High Power Programmable CMOS-based LED Drivers for Energy Saving and Low Maintenance	2014
1295	RMK10	InnoFund	Jambu-Sumpa intergrated project of micro hidro for renewal electrical enegy, sustainable fish farming and firefighting system.	2014
1296	RMK10	InnoFund	The Anti-Cancer Properties and Toxicity of Christa vespertilionis Leaf Water Extract	2014
1297	RMK10	InnoFund	Membangunkan Sebuah Pilot Plant Pembuatan Kek Lapis Berautomasi Bagi Penghasilan Kek Lapis Buatan Malaysia	2014
1298	RMK10	InnoFund	World's First Multi-Purpose First Aid Kit	2014
1299	RMK10	Peruntukan Khas	Performance Assessment of Lightweight on Board Fuel Storage Tank for Enhanced Greenhouse Gas Reduction of Biomethane - Powered Car	2014
1300	RMK10	Peruntukan Khas	Hybrid Electric and BioNG Scooter as a 2 Wheeler Vehicle for Urban Mobility	2014
1301	RMK10	Peruntukan Khas	Sustainable Cultivation Of Mushroom For Food And Biobased Industry	2014
1302	RMK10	Peruntukan Khas	Metabolic Engineering Flavonoid Production In Yeast	2014
1303	RMK10	Peruntukan Khas	Advance Data Consolidation & Higher Order Machine Learning Framework for Department of Immigration Malaysia	2014
1304	RMK10	Peruntukan Khas	Production of tar-free syngas for bio-methanol synthesis	2014
1305	RMK10	Peruntukan Khas	In-situ Hydrogen Sulphide Abatement for Biogas Downstream Applications	2014
1306	RMK10	Peruntukan Khas	Harmonizing The Quantification Of Biomass Properties Through Crms For Palm Biomass Industry's Competitiveness	2014
1307	RMK10	Peruntukan Khas	Development of Sodium-ion (Na+) Storage System as a Low Cost Energy Storage: An Alternative to Lithium-ion Battery	2014
1308	RMK10	Peruntukan Khas	To Establish Design Requirements for Engine Control Unit Mapping for Long-Term Performance of Dual Fuel (Biogas/ Diesel) Engine for Mobile Applications	2014
1309	RMK10	Peruntukan Khas	Housing Demand Prediction (HDeP) System	2014
1310	RMK10	Peruntukan Khas	Multiple access detection algorithm for file retrieval system	2014
1311	RMK10	Peruntukan Khas	Gamma-radiation induced mutagenesis for the production of new varieties of Kenaf (Hibiscus cannabinus) with high yield and late-maturity characteristic (photoperiod insensitive).	2014
1312	RMK10	Peruntukan Khas	Fabrication of Home Care Biosensor for Uric Acid Detection	2014
1313	RMK10	Peruntukan Khas	Development of Radiation Curable Over Print Varnishes (OPV) Based on Palm Oil Acrylate (EPOLA) resin	2014
1314	RMK10	Peruntukan Khas	Development of predictive tools and integrated monitoring protocols using isotope fingerprinting and geophysical techniques in evaluating hydro-geological characteristics of natural landslide-risked site(s)	2014
1315	RMK10	TechnoFund	Mobile Scrap Metal Sorting Machine	2014
1316	RMK10	TechnoFund	Pilot Manufacturing Process of Titania Silver Composite Coatings on Stainless Steel using Pulsed DC Magnetron Sputtering Technique	2014
1317	RMK10	TechnoFund	Design, Development & Commercialization of Malaysia's First Semi Automatic Pistol "Malinnov"	2014

1318	RMK10	TechnoFund	Development and Pilot Production Of Commercial Ready Models Of Small Arm Weapons	2014
1319	RMK10	TechnoFund	Development of ActinoPLUS for Commercialisation as Bio-Organic Fertilizer and Bio-Control Agent against Ganoderma Disease in Palm Oil Plantation	2014
1320	RMK10	TechnoFund	Development of Sartams: Search and Rescue Tactical Management System for Worldwide Commercialization	2014
1321	RMK10	TechnoFund	3TVoiceTrack Tracking System	2014
1322	RMK10	TechnoFund	Up-Scaling of The Production Capability of Eco-Riverbank Protection Composite From Agro-Fibre Plastic Materials:RiverProtec	2014
1323	RMK10	TechnoFund	Development of power-generating windows based on Dye Solar Cells	2014
1324	RMK10	TechnoFund	Pre-Commercialization of a Spun Pile Mechanical Joint for Interconnected Piled Foundations for Piers And High Rise Buildings.	2014
1325	RMK10	TechnoFund	Development and Construction of The World First Internet Transmission Tower Using Ultra High Performance Concrete (UHPC)	2014
1326	RMK10	TechnoFund	Pilot Scale Production of Intelligent Drilling Tool For The Oil & Gas Industry	2014
1327	RMK10	TechnoFund	Buddee Power Train	2014
1328	RMK10	TechnoFund	Development and Certification of 6"8"10" and 12" Pipeline Geometry Inspection System for Offshore and Onshore Pipeline	2014
1329	RMK10	TechnoFund	The Pre-commercialization of High-profeed: High Digestible Protein Animal Feed From Poultry Processing Plant Byproduct	2014
1330	RMK10	TechnoFund	Pre-Commercialization Of Copper - Carbon Nanotube Nanocomposite For Thermal Management System In Led Applications	2014
1331	RMK10	TechnoFund	Development Of Modular And Expandable 10 Kw Power Output Energy Storage System For Solar PV Hybrid System With Lowest Ownership Cost	2014
1332	RMK10	TechnoFund	Coaxial Direct Drive (CDD) Electric Bicycle	2014
1333	RMK10	TechnoFund	Development Of Floating Aquaculture Cage From Nanohybrid Biocomposite Material	2014
1334	RMK10	TechnoFund	Pembangunan Dan Pra-Pengkomersilan Meter Tinjau Pintar Untuk Kegunaan Keselamatan Sinaran Mengion Dan Industri Nuklear	2014
1335	RMK10	TechnoFund	Water In Diesel Emulsion (WIDE) Fuel	2014
1336	RMK10	TechnoFund	To Built A Pilot Hdfad (Hybrid Dry Fermentation Anaerobic Digestion) Plant To Demonstrate The Feasibility Of The Hdfad Technology For The Treatment Of Organic Municipal Solid Waste Under Local Tropical Conditions	2014
1337	RMK10	TechnoFund	Pre-Commercial Prototype Multi-Fibre Electrospinning Machine With Pilot Facility	2014
1338	RMK10	TechnoFund	Pre-Commercialisation of LED Lighting Technology for Plant Tissue Culture Production in Sabah	2014
1339	RMK10	ScienceFund	Distributed T-way Testing System using MapReduce mechanism on Hadoop Cluster	2014
1340	RMK10	ScienceFund	Bio-inspired Approach for Spontaneous Speech Summarization System	2014
1341	RMK10	ScienceFund	Modeling Of Mesoscale Convective Systems Over Malaysia For Space Launcher Development	2014
1342	RMK10	ScienceFund	Development of membrane computing based software for the classification of cancer	2014
1343	RMK10	ScienceFund	Probabilistic Computer Aided Diagnostic System for Stroke Patients UsingMultimodal Imaging	2014
1344	RMK10	ScienceFund	Development of Computed Tomography(CT)-Ultrasound (US) Derived Fusion for Cardiovascular Imaging	2014
1345	RMK10	ScienceFund	Enhancing recommendations in a multi-agent environment using key trust components	2014
1346	RMK10	ScienceFund	An Objective Performance Evaluation Method for Digital Font Reconstruction	2014
1347	RMK10	ScienceFund	Design and Development of 4G LTE-WLAN Customer Premise Equipment	2014
1348	RMK10	ScienceFund	End-to-End Cohesive Approach for Agile Software Development in Cloud Computing Environment	2014
1349	RMK10	ScienceFund	Database Summarization for Mobile Web Pre-fetching (MoDS) Using Rough Set	2014
1350	RMK10	ScienceFund	The Development of Motion Trajectory Control for 3D Character in Computer Games and Animation	2014
1351	RMK10	ScienceFund	Early Cancer Detection from Microarray Gene Expression Using Semi-Naïve Bayesian Models	2014
1352	RMK10	ScienceFund	Region-based Medical Image Compression Using Principal Component Analysis (PCA)	2014
1353	RMK10	ScienceFund	An Automated Validation Approach for Security Requirements of Mobile Apps	2014
1354	RMK10	ScienceFund	Development of Software Prototype to Determine Respiratory Flow and Severity Level of Respiratory Pathologies using Pulmonary Acoustic Signals	2014
1355	RMK10	ScienceFund	Constraints T-Way Testing Strategy With Modified Condition/DecisionCoverage	2014
1356	RMK10	ScienceFund	Interactive Face Image Retrieval From Human Memory	2014
1357	RMK10	ScienceFund	Omnidirectional Car Burglar Detection System	2014
1358	RMK10	ScienceFund	A novel design of Touch to Print Augmented Reality Interaction techniques for Simulating and Visualizing Engineering Concepts	2014
1359	RMK10	ScienceFund	Development of a novel algorithm for classification of video surveillance images using Wavelet Transform.	2014
1360	RMK10	ScienceFund	A Framework to Implement Verified Resource-Bounded Systems for Smart Spaces	2014
1361	RMK10	ScienceFund	Automatic Identification from 3D Cranio-Facial Data for Forensic Examinations	2014
1362	RMK10	ScienceFund	Research intothe development of a Malay Language Text Understanding	2014
1363	RMK10	ScienceFund	Automatic Semantic-basedMulti-Modality Question Generation and Assessment for IslamicFinance and Banking Qualification	2014
1364	RMK10	ScienceFund	Dengue Outbreak Prediction Using Knowledge Based Network Analysis	2014
1365	RMK10	ScienceFund	GPGPU Accelerated Video Analytic Algorithm Parallelization Enabling Massive Image Data Processing	2014
1366	RMK10	ScienceFund	The design and fabrication of an expanding-volume, fed-batch, paddle-mixed, raceway open-pond bioreactor and its operation in quasi-steady state for growing microalgae in POME medium to completely sequester CO2.	2014

1367	RMK10	ScienceFund	Neuroprotection in post severe traumatic brain injury (TBI) in the intensive care unit (ICU): The therapeutic and prognostic role of biomarkers S100B, Neuron specific enolase (NSE), Glial fibrillary acidic protein (GFAP) and Interleukin-6 (IL-6).	2014
1368	RMK10	ScienceFund	Development of a nanoparticle-based lateral flow DNA biosensor for rapid detection of invasive fungal infections	2014
1369	RMK10	ScienceFund	Assessment of surface antigens as recombinant vaccine candidates against avian coccidiosis	2014
1370	RMK10	ScienceFund	Potential control of the oil palm pest, Rhynchophorus ferrugineus (Coleoptera: Curculionidae) through inhibition of digestive serotonin and dopamine	2014
1371	RMK10	ScienceFund	Electrochemical Dna Biosensor For Detection Of Porcine Dna Sequences Using Ruthenium(II) Complex As Intercalator Label Redox For Halal Product Identification	2014
1372	RMK10	ScienceFund	Development of Antibacterial Wound Dressings impregnated with Xylitol Targeting Biofilms for the treatment of Chronic Diabetic Wound Infections	2014
1373	RMK10	ScienceFund	Functional Characterization of Chitin Receptor Molecules Involved in the Induction of the Plant Immune System	2014
1374	RMK10	ScienceFund	Reconstruction of metabolic pathways in mangosteen (Garcinia mangostana L.) fruit using metabolomics approach	2014
1375	RMK10	ScienceFund	Elucidation of immunomodulatory effects of anti-malarial bioactive compounds on host-parasite signaling during infection	2014
1376	RMK10	ScienceFund	Biotransformation of flavonoids by microbial and plant cell cultures for biomedical applications	2014
1377	RMK10	ScienceFund	Revealing plant-bacterialdefence interaction using metabolic profiling and reactive species defencesystem in selected local pineapple (Ananascomosus) cultivars to compliment current strategies in combating pineapple heart rot	2014
1378	RMK10	ScienceFund	Pioneering the role of fucoidan, a natural polysaccharide, in enhancing in vitro chondrogenesis of mesenchymal stromal cells through combining in alginate beads for cartilage tissue engineering applications – in vitro	2014
1379	RMK10	ScienceFund	Enzymatic Degradation Of Lignocellulosic Oil Palm Waste Bywhite Rot Fungi And Their Potential As Biocontrol Of Basal Stem Rot	2014
1380	RMK10	ScienceFund	Production Of Keratinase Cocktail For Chicken Feather Hydrolysis	2014
1381	RMK10	ScienceFund	Development of High Sensitive Glucose and/or Cholesterol Biosensor Based on Cellulose Nanocrystal Composite	2014
1382	RMK10	ScienceFund	Development of Novel Recombinant Protein Expression System Using Transgenic Green Unicellular Alga Ankistrodesmus convolutus Corda with Haemagglutinin-Neuraminidase (HN) Protein of Genotype VII Newcastle Disease Virus as Model	2014
1383	RMK10	ScienceFund	The development of IBD mucosal vaccine using IRES-incorporated lactococcal bicistronic chitosan encapsulated nanoparticles vector	2014
1384	RMK10	ScienceFund	Discovery of novel enzymes via proteomics of the gaharu tree (Aquilaria spp.) for use in the synthesis of unique fragrance compounds	2014
1385	RMK10	ScienceFund	Virus-like particle of freshwater prawn nodavirus as a nano-vehicle for drug delivery into colorectal cancer cells	2014
1386	RMK10	ScienceFund	Investigation of the mechanisms of action of zerumbone-induced antiallodynic and antihyperalgesic effects in an animal model of neuropathic pain	2014
1387	RMK10	ScienceFund	Nephroprotective effect of Mitrogyna speciosa and Clinacanthus nutans on cisplatin-induced rat and human kidney cell lines and in vivo on zebrafish.	2014
1388	RMK10	ScienceFund	Thymoquinone-Loaded Nanostructured Lipid Carrier As A Potential Drug Candidate For Management Of Alzheimer's Disease And Other Neurodegenerative Disorders	2014
1389	RMK10	ScienceFund	Development of in vitro in situ recall assay for cell mediated immunity quantification on vaccinated chicken	2014
1390	RMK10	ScienceFund	Evaluation of Human Umbilical Cord-derived Mesenchymal Stem Cells for Rejuvenation of Aged Endogenous Cardiac Stem Cells	2014
1391	RMK10	ScienceFund	Development of a T-cell epitope prediction system for vaccine design	2014
1392	RMK10	ScienceFund	Development of a dry reagent-based Multiple-Locus VNTR Analysis (MLVA) assay for molecular typing of Acinetobacter baumannii	2014
1393	RMK10	ScienceFund	Baker's yeast-mediated reduction of regio-isomeric chloro-aldehyde forming a precursor for the synthesis of (1R,2R)-tapentadol (3-[(1R,2R)-3-(dimethylamino)-1-ethyl-2-methylpropyl] phenol).	2014
1394	RMK10	ScienceFund	A novel aptamer-based assay for capturing total Erythropoietin (EPO) from human urine in doping detection of EPO	2014
1395	RMK10	ScienceFund	Development of Real-Time Loop-Mediated Isothermal Amplification for Rapid Detection of High-Risk Human Papillomavirus Genotypes 16 in HPV-related oral cancer patients	2014
1396	RMK10	ScienceFund	Insect larvae as biofactories for low-cost production of aNewcastle disease vaccine candidate	2014
1397	RMK10	ScienceFund	Potential of Silver Nanoparticles Using Dried Leaves of Catharanthus roseus As Drug Carrier in Delivery System	2014
1398	RMK10	ScienceFund	In vitro metabolic studies of Strobilanthes crispus subfraction (SCS) and generation of bioactive metabolites for breast cancer therapeutics	2014
1399	RMK10	ScienceFund	Development of Novel Approach Rapid Multiplex Real-time Loop-mediated Isothermal Amplification (M-qLAMP) Assay for detection of Melioidosis agent Burkholderia pseudomallei	2014
1400	RMK10	ScienceFund	Development of polycyclic aromatic hydrocarbons (PAHs) degradation method using consortium of crude enzyme isolated from fungus and earthworm (eisenia fetida)	2014
1401	RMK10	ScienceFund	Fish Collagen Nanoparticles for the Encapsulation of Bioactive Peptides	2014
1402	RMK10	ScienceFund	Development of scaffoldless 3D cell culture based on liquid crystal substrates	2014
1403	RMK10	ScienceFund	From Molecule to Product: Development of Stable Kappa-carrageenan capsule through Molecular Properties Manipulation	2014
1404	RMK10	ScienceFund	Development of Mass Spectral Library forSesquiterpenoids Presents in Superior Quality Agarwood (Aqualaria malaccensis) Essential Oil and Incense Smoke	2014
1405	RMK10	ScienceFund	Skyfruit as natural medicine for male fertility	2014
1406	RMK10	ScienceFund	Advanced glycation (AGE) products and AGE receptors in diabetes: Interventional studies with Geraniin and anti oxidants Tocotreinols and Tocopherols	2014

1407	RMK10	ScienceFund	Advancing E.coli as a Vector for Gene Delivery into Human Cells: Hybrids with DNA/protein delivery reagents and intracellular strategies	2014
1408	RMK10	ScienceFund	Development of a Portable Screening Kit to Detect HLA-B1502 and HLA-B5801 To Prevent Carbamazepine, Phenytoin, Oxocarzepine and Allopurinol Induced-Steven Johnson Syndrome	2014
1409	RMK10	ScienceFund	Development of an efficient and cost-effective enzyme recovery system using recyclable aqueous two-phase flotation	2014
1410	RMK10	ScienceFund	Molecular cloning and characterization of beta glucan synthase genes from gamma irradiated mutants of Pleurotus sajor caju (PSC) and other medicinal mushrooms	2014
1411	RMK10	ScienceFund	Bioplastic from high-yielding Azotobacter vinelandii mutant	2014
1412	RMK10	ScienceFund	DNA barcoding of 100 common medicinal plants in Malaysia for species authentication	2014
1413	RMK10	ScienceFund	Genetic variant discovery of an important timber tree Shorea leprosula using next-generation sequencing for genome-wide association study and conservation genomics	2014
1414	RMK10	ScienceFund	The Potential of Aquilaria malaccensis (Agarwood) Leaves for Lowering LDL-cholesterol	2014
1415	RMK10	ScienceFund	Evaluation of anti-tumour activities of antigen-derived peptides in syngeneic mouse model	2014
1416	RMK10	ScienceFund	Generation of non-recombinant double haploid lines in selected Malaysian rice cultivars for accelerated plant breeding	2014
1417	RMK10	ScienceFund	Developing a novel artificial skin graft of nanofibrous P(3HB-co-4HB)-blend scaffold with antimicrobial properties	2014
1418	RMK10	ScienceFund	Clinically Compliant Simulator of Upper Limb Spasticity Driven by Variable Stiffness Actuator	2014
1419	RMK10	ScienceFund	Development of functionalized nanoporous anodic aluminium oxide for biosensing device application	2014
1420	RMK10	ScienceFund	Technology and Feasibility Study on Fabrication of Micro-Solid Oxide Fuel Cell using Newly Developed Materials	2014
1421	RMK10	ScienceFund	Development of Eco-friendly Functionalized Nanocrystalline Cellulose (NCC) Smart Material for Carbon Dioxide (CO2) Capture	2014
1422	RMK10	ScienceFund	Photovoltaic Thermal (Pvt) Solar Collector With Advanced Heat Transfer Enhancement Features For Simultaneous Production Of Hot Air, Hot Water And Electricity	2014
1423	RMK10	ScienceFund	Developments of High Performances Multi-Dye based Dye-Sensitized Solar Cells in UV-Visible to Near-Infrared Region.	2014
1424	RMK10	ScienceFund	Maintenance-Free Coating from Modified Hydrogenated Liquid Natural Rubber	2014
1425	RMK10	ScienceFund	Microwave Sintered Zirconia Electrolyte in Solid Oxide Fuel Cells For Electric Motor Vehicles Applications	2014
1426	RMK10	ScienceFund	Development of Thulium Holmium Co-doped Mode-Locked Fiber Laser	2014
1427	RMK10	ScienceFund	Design and Development of Ultrasonic Integrated Laser Soldering (UiLS) Device	2014
1428	RMK10	ScienceFund	Novel Perovskite sensitizers for highly efficient low mesoscopic solar cells	2014
1429	RMK10	ScienceFund	Quantum Dot hybrid organic light emitting diode	2014
1430	RMK10	ScienceFund	Modification of NCC for production of NCC polymer and rubbercomposite	2014
1431	RMK10	ScienceFund	Carbon Nano Electromechanical Systems (CNEMS) based Suspended Carbon Nanofibers for DNA Sensing	2014
1432	RMK10	ScienceFund	TiO2 nanocrystals grown on graphene film for efficient solar-driven water splitting system	2014
1433	RMK10	ScienceFund	Development of valve condition monitoring system for industrial reciprocating compressor using acoustic emission technique	2014
1434	RMK10	ScienceFund	One Step Oxidative-Depolymerisation of Lignocellulosic Biomass for Production of Nanocrystalline Cellulose using Chemical Catalyst	2014
1435	RMK10	ScienceFund	Environmentally-Friendly Self-Healing Coatings Derived From Vegetable Oils	2014
1436	RMK10	ScienceFund	Development of a Wireless Broadband Vehicle Network System	2014
1437	RMK10	ScienceFund	Static and Dynamic Behavior of Soft Clay Soils Stabilized by Oil Palm's Dirty Gold	2014
1438	RMK10	ScienceFund	Investigation on the production and properties of poly(3,4-ethylenedioxythiophene) / nanocrystalline cellulose (PEDOT/NCC) composite	2014
1439	RMK10	ScienceFund	Nanocrystallinecellulose/chitosan composite encapsulated quantum dots for sensing applications	2014
1440	RMK10	ScienceFund	Immuno based biosensors system for ultrasensitive, non-invasive and affordable detection of mycobacterium tuberculosis (TB) for future home test kit	2014
1441	RMK10	ScienceFund	Synthesis of high uniformity large area graphene in ambient pressure chemical vapor deposition	2014
1442	RMK10	ScienceFund	Development of Ag-Cu Nanopaste for High-Temperature Die-Attach Application	2014
1443	RMK10	ScienceFund	Pemetaan Isodos Sinaran Mengion Negeri Sabah Dan Sarawak	2014
1444	RMK10	ScienceFund	Gasoline Direct-Injection Kit for Small Spark-ignition Engine Applications	2014
1445	RMK10	ScienceFund	Development of High Voltage On-Chip Silicon Solar Cells using SOI Wafer for Autonomous Sensor Network System	2014
1446	RMK10	ScienceFund	Design, Development and Construction of Power Converter for Photovoltaic Grid Charging System for Electric Vehicle	2014
1447	RMK10	ScienceFund	Design and Development of Chipless Ultra Wideband RFID System	2014
1448	RMK10	ScienceFund	Parametric Modelling And Development Of Battery Cell Balancing For Energy Optimisation In Electric Vehicle (Ev)	2014
1449	RMK10	ScienceFund	Large Area Graphene Thin Film Fabrication and Transfer Process from Exfoliated Graphite	2014
1450	RMK10	ScienceFund	An Evolutionary Dynamic Equivalent Representation Development for Wide-Area External Power Systems	2014
1451	RMK10	ScienceFund	Development of Biomimetic Scaffolds for Functional Tissue Engineering of Articular Cartilage	2014
1452	RMK10	ScienceFund	Development of Adaptive Cochlear Biomodel from Carbon Nanotube (CNT)-Channel Resonant Gate Transistors (RGT)	2014

1453	RMK10	ScienceFund	Development Of Novel Clinical Prenatal Care Multiple Diagnostic Nanolab-On-Chip For Pregnancy, Gestational Diabetic And Preeclampsia Detection In A Single Dropof Urine	2014
1454	RMK10	ScienceFund	Development of Electrical Resistance Tomography Instrumentation for Concrete Structures Evaluation	2014
1455	RMK10	ScienceFund	Development of System for Monitoring Atmospheric Hazards in Confined Space	2014
1456	RMK10	ScienceFund	Fabrication of Polyhydroxyalkanoate/Graphene-Silver Nanocomposite Fibers: Towards the Development of a Biocompatible Antimicrobial Scaffold	2014
1457	RMK10	ScienceFund	Development Of Image Noise Filtering Technique For Scanning Electron Microscopes	2014
1458	RMK10	ScienceFund	Design and Fabrication of a Monolithic 3-Axis CMOS-MEMS Magnetometer for Potential Application in Navigation Systems and Mineral Exploration.	2014
1459	RMK10	ScienceFund	Optimization of quasi solid electrolyte using graphene oxide for flexible dye solar cell (DSC)	2014
1460	RMK10	ScienceFund	Low band-gap energy nanocomposite materials for efficient visible-light photocatalysis in environmental cleaning and energy harvesting	2014
1461	RMK10	ScienceFund	Hierarchically-Structured Nano-Composites for Improving Microstructural and Electrochemical Properties of Metal-Supported Solid Oxide Fuel Cells	2014
1462	RMK10	ScienceFund	Production of green residual organic by polymerization of bleaching earth waste	2014
1463	RMK10	ScienceFund	Development of a bioprocess to convert smoky carbon dioxide into commercial carbonates in Malaysia	2014
1464	RMK10	ScienceFund	Development of Quadrilateral Slurry Bubble Column Test Rig for Radioactive Particle Tracking Applications	2014
1465	RMK10	ScienceFund	The Synthesis of Biodiesel in a Continuous Column System Packed with Ion Exchange Fiber	2014
1466	RMK10	ScienceFund	Assessment of the Climate Variability in Coastal Environment Area using Isotopic and Nuclear Techniques: Focusing on Sediment and Coral Records	2014
1467	RMK10	ScienceFund	Development of Neutron Device for Moisture Under Insulation Pipe (MUI) in Petrochemical Plant	2014
1468	RMK10	ScienceFund	Development of Power Controller System based on Model Reference Adaptive Control for a Nuclear Reactor	2014
1469	RMK10	ScienceFund	Immobilization of Lipase Enzymes on Nano Crystalline Cellulose	2014
1470	RMK10	ScienceFund	Green Processing of Biomass Residues for Production of Nanocrystalline Cellulose	2014
1471	RMK10	ScienceFund	Stable Cermet Layers Coating for Copper Evacuated Tube used as Medium Temperature Solar Thermal Collector	2014
1472	RMK10	ScienceFund	Binderless Graphene-Metal Oxide Composite Supercapacitor Electrode Prepared by Novel Simultaneous Electrophoretic-Electrochemical Deposition Method	2014
1473	RMK10	ScienceFund	Doped β -FeSi ₂ thermoelectric material grain intend for makes use of waste heat produce in Light Emitting Diode (LED) devices	2014
1474	RMK10	ScienceFund	High Rate Discharge Properties of Li ₂ (Ni _{1/3} Co _{1/3} Mn _{1/3})SiO ₄ /Carbon Battery	2014
1475	RMK10	ScienceFund	Development of DNA biochip for the detection of acute kidney infection (AKI) and chronic kidney disease (CKD)	2014
1476	RMK10	ScienceFund	Demineralized Mesoporous Carbon Derived From Mangrove Charcoal For Energy Storage Application	2014
1477	RMK10	ScienceFund	Graphene Based Pressure Sensor Platform for Continuous Health-Care Monitoring Application	2014
1478	RMK10	ScienceFund	Extraction of Nanocrystalline Cellulose from Local Forest PioneerSpecies using Microbial Hydrolysis Assisted Shear Process	2014
1479	RMK10	ScienceFund	Development of High Strenght Green Nanocomposites Reinforced with Nanocrystalline Cellulose and Epoxy Resin Polymer	2014
1480	RMK10	ScienceFund	Effects of temperature on physiological status of red snapper (Lutjanus campechanus, Poey 1860)	2014
1481	RMK10	ScienceFund	Investigating mechanisms underlying population and community dynamics of benthic harmful algal bloom (BHAB) species in two distinct Malaysian coral reef ecosystems	2014
1482	RMK10	ScienceFund	What triggers the initiation of Pyrodinium bloom on the coast of Pahang? An offshore field investigation along Kuantan coast	2014
1483	RMK10	ScienceFund	Modellingcarbon Stock And Its Economic Value At The Marudu Bay Mangrove Forest	2014
1484	RMK10	ScienceFund	Development of Wall Damper Device Using Malaysian Rubber For Structures Subjected To Vibration	2014
1485	RMK10	ScienceFund	Feasibility and Practicality Of Green Roof For Stormwater Management in Malaysia	2014
1486	RMK10	ScienceFund	Non-Newtonian Tsunami Model: Revolution In A Lattice Boltzmannmethod For Shallow Water Equation	2014
1487	RMK10	ScienceFund	Hybrid Rule-Based Reasoning With Case-Based Reasoning Techniques For Juvenile Delinquency Recommendation Expert System	2014
1488	RMK10	ScienceFund	Desulphurisation of coal combustion flue gas using mixed activated carbon from coconut shell with coal fly ash auto catalytic adsorbent.	2014
1489	RMK10	ScienceFund	Optimization the characteristic Springback phenomenon of Dual Phase Steel (DP590)	2014
1490	RMK10	ScienceFund	Moisture Protection using Phyllosilicate-based Nanoparticle Sized Composite for Refined Bleached Deodorized Palm Oil (RBDPO) Insulation Oil Transformer	2014
1491	RMK10	ScienceFund	Development of a Numerical Solution for River Channel Processes due to Bank Erosion.	2014
1492	RMK10	ScienceFund	Neuroprotective Activity of Vitexin in the Hippocampus of Streptozotocin-Induced Diabetic Rats	2014
1493	RMK10	ScienceFund	Development of New Adaptive Seismic Isolator Containing Carbon Nanotubes	2014
1494	RMK10	ScienceFund	Pengkuantitatifan Kesesuaian Kawasan Batu Kapur untuk Pembangunan Infrastruktur	2014
1495	RMK10	ScienceFund	High Efficiency Plasmonic Enhanced Hybrid Perovskite Solar Cell: Study on Plasmonic Shape Effect	2014
1496	RMK10	ScienceFund	Improving The Knowledge, Awareness, Practices (Kap), Physiological Characteristics And Nutritional Status Of Malaysian National Athletes Through An Interactive Sports Nutrition Software (Nutrisportex™)	2014
1497	RMK10	ScienceFund	Development Of Movement And Function Assessment Battery Kit (Mfab) For Movement Assessment Among Children With Learning Disabilities	2014
1498	RMK10	ScienceFund	Radioembolization Samarium Therapy (REST) for Liver Tumour	2014

1499	RMK10	ScienceFund	Adaptive Protection Scheme for Coordination Time Optimization in Smart Grid to Prevent Collapse of Electrical Distribution Network	2014
1500	RMK10	ScienceFund	Dna Methylation of Tyrosine Kinase Receptors In Primary And Metastatic Colon Adenocarcinoma	2014
1501	RMK10	ScienceFund	Phenolic-Saponin Rich Fraction (PSRF) of Cosmos caudatus extract inhibits the development of Atherosclerosis in Cultured Aortic Vascular Smooth Muscle Cells (VSMCs)	2014
1502	RMK10	ScienceFund	Scale Invariant Center-Surround Extremas Detectors for the Application of Feature-Based Visual Odometry	2014
1503	RMK10	ScienceFund	Development of Novel Ionophore Doped Graphene Based Bionanocomposites Films for Selective Detection of Essential Metal Ions	2014
1504	RMK10	ScienceFund	Modeling Optimum Fertilizer Use and Drainage Water Reuse from Two-Dimensional Water Flow and Solute Transport in Rice Production System	2014
1505	RMK10	ScienceFund	The Novel Accelerated Curing Regime For Polymer Modified Precast Elements Using Biomass Energy	2014
1506	RMK10	ScienceFund	Development of Electropalatograph Artificial Palate for Speech Therapy of Paralyzed Patients	2014
1507	RMK10	ScienceFund	Producing high quality free-standing GaN substrate through cost-effective technique for excellent performance nitrides based devices	2014
1508	RMK10	ScienceFund	A Theoretical Investigation on the Feasibility of a Pedestrian Prioritized Retrofit Model of Malaysian Terrace Row Housing, a step towards achieving Social Sustainability.	2014
1509	RMK10	ScienceFund	Effects of the Antenna Polarization and the Target-Medium Dielectric Contrast on the Ground Penetrating Radar (GPR) Signals from Non-metal Pipes	2014
1510	RMK10	ScienceFund	BIM-based Process-driven Decision-making for Sustainability	2014
1511	RMK10	ScienceFund	Development of an Embedded System for Portable Monitoring of Asthma Severity	2014
1512	RMK10	ScienceFund	Development of a Lightweight Smart Assistive Knee Brace	2014
1513	RMK10	ScienceFund	Natural Interaction Technique for Sports Athlete Training Aid in Hand-Eye Coordination	2014
1514	RMK10	ScienceFund	Analysing Living Environment in Residential Areas through Traffic Calming Measures	2014
1515	RMK10	ScienceFund	Development of a 3-D μ -Patterning process for Vertically Aligned Carbon Nanotubes (VACNT) for new types of sensor fabrication	2014
1516	RMK10	ScienceFund	Pilot Study on the River Rehabilitation of Sg. Pusu	2014
1517	RMK10	ScienceFund	Non-viral Gene Transfer Approaches for Cartilage Tissue Engineering: Proof of Concept	2014
1518	RMK10	ScienceFund	Development Of Sustainable Engineered Artificial Land (Seal) Using Dredged Marine Sediments From Malaysian Waters	2014
1519	RMK10	ScienceFund	Design and Development of Pyramidal Microwave Absorber using New Metamaterial Structure Base on Split Ring Resonator (SRR) Technique	2014
1520	RMK10	ScienceFund	A Novel Integrated SIW Filter-Antenna (FILTENNA) with Electronically Reconfigurable Capabilities for Microwave Imaging Application	2014
1521	RMK10	ScienceFund	Development of non-invasive technique to characterize biomechanical properties of articular cartilage in synovial joint using magnetic resonance imaging (MRI) image	2014
1522	RMK10	ScienceFund	Novel Bendable Artificial Magnetic Conductor Design For Metallic Object Detection	2014
1523	RMK10	ScienceFund	A New Time-Frequency Analysis Technique for Power Quality Disturbances Classification and Diagnostic System	2014
1524	RMK10	ScienceFund	Enhanced Image View Synthesis using Disparity Depth Extraction for Efficient Performance in Stereo Vision Applications	2014
1525	RMK10	ScienceFund	Edge trimming performance of hybrid fibre reinforced composite laminates and their architecture using high speed machining and abrasive waterjet cutting	2014
1526	RMK10	ScienceFund	Deep Twist Drilling Technique for Increasing Cooling Channel Length in Hot Forming Die	2014
1527	RMK10	ScienceFund	Tailored made Room Temperature Ionic Liquids for effective carbon dioxide removal.	2014
1528	RMK10	ScienceFund	Design and Development of "Gerontological Interface" for the Home Environment	2014
1529	RMK10	ScienceFund	Intervention for Diabetes with Education, Advancement and Support (IDEAS) Study	2014
1530	RMK10	ScienceFund	Embelin, a Malaysian plant derived benzoquinone in the treatment of epilepsy induced cognitive dysfunction	2014
1531	RMK10	ScienceFund	Development of a Thermoresponsive Polymer Based Dual Function Chromatography Adsorbent for Protein Purification	2014
1532	RMK10	ScienceFund	Design and Development of a Novel Ankle Rehabilitation Robot using Shape Memory Alloy Actuator	2014
1533	RMK10	ScienceFund	A Study on Near Electromagnetic Fields between a Transmitting and Receiving Antenna with Loaded Parasitic Wires for a Wireless Power Transfer System	2014
1534	RMK10	ScienceFund	A Study on Optimal Electric Bus Fleet Planning with Operational Consideration	2014
1535	RMK10	ScienceFund	Generalized TransferFunction Technique: Can We Rely on It for Blood Pressure Measurement in ClinicalDiagnosis in Malaysia Hospitals?	2014
1536	RMK10	ScienceFund	Development of A Novel Software for Simulating Nanoscale Electrical-Thermal Responses of Near-Field Thermophotovoltaic Cell for Sustainable Renewable Energy Conversion and Future Code Commercialization	2014
1537	RMK10	ScienceFund	Creating A Healthier Nutrition Environment In Schools: The Health Promoting School Canteen Intervention	2014
1538	RMK10	ScienceFund	Halal screening tool using near-infrared spectroscopy for on-site application.	2014
1539	RMK10	ScienceFund	Development of fungal pathogens cocktail as bioherbicide for use in rice field	2014
1540	RMK10	ScienceFund	Composite/Lightweight Green Technology Concrete Artificial Reef (CAR) For Aquatic Habitat As Well As Hydraulic Structure	2014
1541	RMK10	ScienceFund	Hybrid Drying Processes for Refractory Hardwoods to Improve Drying Quality	2014
1542	RMK10	DSTIN	MYLIPOS for Stationary High Power Energy Storage Applications	2015
1543	RMK10	DSTIN	Sustainable Water Consumption Through Water Footprinting and Water Risk Management	2015

1544	RMK10	DSTIN	Enhancing The Therapeutic Potential of rAFnewcastle Disease Virus Cancer Vaccine	2015
1545	RMK10	DSTIN	Building Our Robotic Competitiveness in Medical and healthcare: Development of Robots for Assisted Recovery and Rehabilitation	2015
1546	RMK10	DSTIN	Enhancing the Productivity of Farm Buffalo (Bubalus Bubalis) Through Modification of Rearing Practices	2015
1547	RMK10	DSTIN	Development and Commercialization of Multi Lane Free Flow (MLFF) and Area Road Pricing (ARP)	2015
1548	RMK10	DSTIN	Development, Evaluation and Integration of Innovative Tools to Reduce Dengue Morbidity and Mortality in Community	2015
1549	RMK10	DSTIN	Local Proprietary Formulation of Polyacrylonitrile for Carbon Fibre Lightweight Tanks and Components	2015
1550	RMK10	DSTIN	Integrated Cyber Security Analysis & Action System (iCAAS)	2015
1551	RMK10	Flagship	Smart Video Surveillance System For Polis DiRaja Malaysia (PDRM) Lockup	2015
1552	RMK10	Flagship	Human Impact Management System for Information Security	2015
1553	RMK10	InnoFund	Compact Substation Unit: Towards Efficiency in Cost & energy Distribution	2015
1554	RMK10	InnoFund	Pre-Commercialisation of Algae Sensor and Monitoring System (Mi-ASM) for the Cultivation and Processing of Algae Biomass	2015
1555	RMK10	InnoFund	Optical Weapon Sight	2015
1556	RMK10	InnoFund	Hydropot	2015
1557	RMK10	InnoFund	False Alarm Controller	2015
1558	RMK10	InnoFund	Development of new mechanical HDPE joint for use with large diameter HDPE pipes.	2015
1559	RMK10	InnoFund	Development of Carbon Based Filtration Media From Sustainable & Renewable Agro-based Waste Material for Certified Respiratory Safety device That Conform to International Standard	2015
1560	RMK10	InnoFund	Enhance EFB Pellet Biofuel for improved thermal properties	2015
1561	RMK10	InnoFund	Development Of Compressed Stabilized Earth Block (Cseb) As An Alternative Component For Eco-Building Construction	2015
1562	RMK10	InnoFund	LED Lighting with superb cooler system & zero loses output	2015
1563	RMK10	InnoFund	Development of an Open Source Hardware Based Terminal Node Controller for Cubest Tracking application	2015
1564	RMK10	InnoFund	Pembangunan Sistem Pengeluaran Benih Vanilla Berkapasiti Tinggi	2015
1565	RMK10	InnoFund	Development of an Intelligent Intergrated Devices for Skill and Physical Assessment	2015
1566	RMK10	InnoFund	Automated System For Sustainable And Effective Production Of Palm Sugar	2015
1567	RMK10	InnoFund	YOUTH4U: Local Neighbourhood Employment network For low Skilled Unemployed Youths	2015
1568	RMK10	InnoFund	Production of Radiation Crosslinkable Thermoplastic Elastomer (TPE) From Waste Rubber	2015
1569	RMK10	InnoFund	Eaglecam	2015
1570	RMK10	Peruntukan Khas	Penentuan Kawasan Berpotensi Air Bawah Tanah Menggunakan Teknologi Remote Sensing Dan Gis Bagi Lembangan Terpilih Di Semenanjung Malaysia	2015
1571	RMK10	Peruntukan Khas	Design And Development Of Motorised Adjustable Vertical Platform For Satellite Assembly, Integration Ans Test Facility	2015
1572	RMK10	Peruntukan Khas	Development Of Prototype Near Real-Time GNSS Meteorology System	2015
1573	RMK10	Peruntukan Khas	Development Of Nutraceutical and Pharmaceutical Products For Therapeutic Indications Or Diseases Of High Burden To Malaysia	2015
1574	RMK10	Peruntukan Khas	Identification And Apportionment Sediment Sources In A River Catchment	2015
1575	RMK10	Peruntukan Khas	Development of Malaysian (Genetically Modified Organism) Data Aggregation and Archiving System (MyGMO)	2015
1576	RMK10	TechnoFund	Green Aerosol Fire Extinguisher Handheld With Brand Name "Marjan"	2015
1577	RMK10	TechnoFund	Development of Second Generation Biodiesel (SGB) Production Module for Power Generation Application	2015
1578	RMK10	TechnoFund	Technology Intervention at Sg. Moroli Hatchery, Nursery and Grow-out Facility for the Commercial Production of Pelian Fish in Ranau, Sabah	2015
1579	RMK10	TechnoFund	The Development Of A Universal Electric Vehicle Charger For Standard And Rapid Charging	2015
1580	RMK10	TechnoFund	Pembangunan Pisau Toreh Inovasi Baru	2015
1581	RMK10	TechnoFund	Feasibility Study and Research of Wind Resources for Wind Farm Implementation in Sabah	2015
1582	RMK10	TechnoFund	Innovative Retrofit RYB Street Lights System	2015
1583	RMK10	TechnoFund	Production Of Commercial Value Of Aluminium Sulphate (Alum) From Hazardous Aluminium Waste	2015
1584	RMK10	TechnoFund	Proposal For Establishment Of A "Green Aquaculture" Farm - Zero Discharge, Zero Chemical, Zero Odours, Clean Energy	2015
1585	RMK10	TechnoFund	Development Of New And Improved Pneumatic Chainsaw/ Cutters For Tree Pruning And Palm Harvesting	2015
1586	RMK10	TechnoFund	Research And Development Of Evault Mobile – A Content-Aware Data Leakage Prevention Solution For Mobile Devices	2015
1587	RMK10	TechnoFund	Next-Gen Adaptive Intelligence Authentication Platform	2015
1588	RMK10	TechnoFund	Pilot Plant for Organic Solid Waste (OSW) Treatment System using Organocycler Treatment System (Organocycler TS)	2015

1589	RMK10	TechnoFund	Application of D3 solution on the palm oil extraction process to increase the yield recovery from the mills production	2015
1590	RMK10	TechnoFund	Production Of Water And Energy By Integrated Membrane Distillation And Osmotic Membrane Distillation Process	2015
1591	RMK10	TechnoFund	Automatic Recovery System For System Failure Detection	2015
1592	RMK10	TechnoFund	Pre-commercialization Production of High Purity Zinc Oxide from Electric Arc Furnace Dust (EAFD) via Solvent Extraction Technology	2015
1593	RMK10	TechnoFund	Production of Quality Sugar (Gula Sawit) from Oil Palm Trunk Waste	2015
1594	RMK10	TechnoFund	Green House Mesocosm System (GMS) & Nursery with Recirculating Aquaculture System (RAS)	2015
1595	RMK10	TechnoFund	GPU Acceleration Program Interface-GAPI	2015
1596	RMK10	TechnoFund	Network Embedded Active Probe System (NEAPS)	2015
1597	RMK10	TechnoFund	Commercial Development Of Biomass Torrefied Pellet From Empty Fruit Bunches As A Alternative And Renewable Energy Source	2015
1598	RMK10	TechnoFund	Production Of Pufa (Epa/Dha) From Micro-algae	2015
1599	RMK10	TechnoFund	Development of Fully Automated Panel Saw with Advanced Reduced Instruction Set Computing (RISC) Architecture Controller	2015
1600	RMK10	TechnoFund	Development of Graphene Based Quantum Cell for Automotive SLA Battery Replacement	2015
1601	RMK10	TechnoFund	Prototype Sterilisation and Inactivation of Microorganism For Reuse and Recycle of Clinical Solid With Solvent Recycling System	2015
1602	RMK10	ScienceFund	A New Channel-Aware Scheduling Algorithm for Multiple traffic classes in LTE System	2015
1603	RMK10	ScienceFund	Minimizing Feedback Overhead in the Uplink of Fifth Generation (5G) Cellular Networks for Practical Implementation of Massive-MIMO System	2015
1604	RMK10	ScienceFund	Spatio-Temporal Data Mining Model for Shoreline Detection and Prediction In Peninsular Malaysia	2015
1605	RMK10	ScienceFund	Adaptive Appearance Models in Video Tracking & Surveillance	2015
1606	RMK10	ScienceFund	Design and Development of Signal Measurement and Noise Characteristics for Hearing Screening	2015
1607	RMK10	ScienceFund	FPGA System-on-Chip implementation of advanced face recognition technology for biometric verification and identification at airports.	2015
1608	RMK10	ScienceFund	An Industry Standard Compliant Aircraft Identification and Tracking (ADAT) System to Enhance Air Navigation Safety	2015
1609	RMK10	ScienceFund	ASIC Design and Fabrication of Actor-based Signal Processing Systems	2015
1610	RMK10	ScienceFund	Energy-efficient Mobile Terminal Antennas for Green 5G Wireless Communication Networks	2015
1611	RMK10	ScienceFund	Development of Software Prototype to Determine Crosstalk Levels in Mechanomyographic (MMG) Signals of Forearm Muscles during Grip Force and Wrist Actions	2015
1612	RMK10	ScienceFund	Design and Development of a New Symmetric Key Generation: Application to Multi-Factor Authentication Solution	2015
1613	RMK10	ScienceFund	Combining Deep Neural Networks and Parts-based Approach for Visual-based Pedestrian Gender Classification	2015
1614	RMK10	ScienceFund	Biometric Encryption: Generating Fixed-length Cancellable Fingerprint Representations for Preserving Human Privacy and Securing Biometric-based Systems	2015
1615	RMK10	ScienceFund	SSLAP: SSL Acceleration Platform	2015
1616	RMK10	ScienceFund	Development of hybrid Ti/UV remediation system for antibiotic-contained domestic wastewater treatment	2015
1617	RMK10	ScienceFund	Elucidation of the involvement of GSK3 β in the immunomodulatory effects of the anti-malarial drug chloroquine in Burkholderia pseudomallei-infected animals	2015
1618	RMK10	ScienceFund	Computational Analysis and Characterization of Novel 3-Dimensional Motifs in Proteins and Complex RNA Structures	2015
1619	RMK10	ScienceFund	Developmentof a DNA damage analytical tool; the Rad50 phosphosite-specific mutantzebrafish	2015
1620	RMK10	ScienceFund	Electrospun nanofibers containing amniotic membrane with human muscle cells as a patch for treating heart damage	2015
1621	RMK10	ScienceFund	Revealing banana interactome with Meloidogyne incognita 16D10 gene via Affinity Tagging Purification-Mass Spectrometry (AP-MS) Approach	2015
1622	RMK10	ScienceFund	Development of molecular and serological tools for diagnosis of rickettsial diseases	2015
1623	RMK10	ScienceFund	Mass-culture of indigenous brackish water zooplankton using non-photosynthetic microorganisms for aquaculture	2015
1624	RMK10	ScienceFund	Development of Diagnostic Tools and Therapeutics for Nipah Virus Emergency Management	2015
1625	RMK10	ScienceFund	Effect of neupogen-induced peripheral blood mesenchymal stem cells on critical defect (non-union) bone fracture healing in goat tibiae	2015
1626	RMK10	ScienceFund	A study on phytic acid-chitosan nanoparticles inhibit VEGF signaling and induce intrinsic mode of apoptosis: Drug delivery system for colon cancer therapy	2015
1627	RMK10	ScienceFund	Human Dental Pulp Stem Cells on Cartilage Degradation in Monosodium Iodoacetate (MIA) Induced Osteoarthritis in Sprague Dawley Rats	2015
1628	RMK10	ScienceFund	The role of thiamine (vitamin B1) in stress responses of oil palm (Elaeis guineensis)	2015
1629	RMK10	ScienceFund	Identification of long non-coding RNAs in serum towards the development of a non-invasive test for early detection of colorectal cancer	2015
1630	RMK10	ScienceFund	Development of rapid and sensitive biomarkers for characterisation of Malaysian honey using DNA-based methodology for identification of honey bee speciation	2015
1631	RMK10	ScienceFund	Targeting JAK-STAT signaling pathway to revert neurogenic-to-gliogenic shift in the brain of Ts1Cje Mouse Model for Down syndrome.	2015
1632	RMK10	ScienceFund	Analysis of Single Nucleotide Polymorphisms in Candidate Genes for Bovine Mastitis Resistance and Association with Milk Somatic Cell Score and Composition Traits	2015
1633	RMK10	ScienceFund	Determination Of Functionally Important Sequence Variants In Key Vitamin E Genes From Elaeis Guineensis Germplasm Materials	2015

1634	RMK10	ScienceFund	DNA Nanocluster based Intracellular Live Cell Staining for Regulatory T-cells	2015
1635	RMK10	ScienceFund	Development of bioactive glass scaffold for hard tissue regeneration	2015
1636	RMK10	ScienceFund	Tracing Porcine Dna In Processed Food: A Strategy For Halal Food Quality Control	2015
1637	RMK10	ScienceFund	Inhibition of dengue virus (DENV) replication using transcriptome profiling and genome engineering in Aedes aegypti and Aedes albopictus	2015
1638	RMK10	ScienceFund	Ecofriendly biovanillin production using one step bioconversion of ferulic acid from lemongrass waste by Phanerochaeta crysosporium	2015
1639	RMK10	ScienceFund	Directed evolution of a beta-glucoside kinase for sulfur-phosphorus bond formation.	2015
1640	RMK10	ScienceFund	5-HT1A receptor signaling in lipid raft impart neuroprotection in stroke	2015
1641	RMK10	ScienceFund	Isolation And Characterization Of Lignin Degrading Enzymes From Coptotermus Formosanus For Sustainable Bidelignification In Improving Pulp/Fibre Processing	2015
1642	RMK10	ScienceFund	Dry state preservation of mesenchymal stem cells.	2015
1643	RMK10	ScienceFund	Direct recovery of recombinant therapeutic proteins from microbial cell using aqueous two-phase system	2015
1644	RMK10	ScienceFund	Exploration of the therapeutic potential of semaphorin 5A in human glioblastomas	2015
1645	RMK10	ScienceFund	Multi-functional cancer nano-therapeutics delivering a cocktail of classical drugs, tumor suppressor genes and anti-sense RNAs to block multi-drug resistance and cancer progression	2015
1646	RMK10	ScienceFund	Recombinant Lactococcus lactis as a delivery platform for chemo-immunotherapeutic vaccine regimens against KRAS positive colorectal cancer.	2015
1647	RMK10	ScienceFund	Development of DNA profiling databases for forensic investigations and sustainable utilization of Intsia palembanica (Merbau)	2015
1648	RMK10	ScienceFund	Fatigue Performance of Glued Laminated Timber Railway Sleepers using Selected Malaysian Tropical Hardwood	2015
1649	RMK10	ScienceFund	Real time voltage sag source identification based on sliding windows S-Transform	2015
1650	RMK10	ScienceFund	Development of Dissimilar Titanium - Stainless Steel Fusion Welds Using Novel High Entropy Alloy (HEA) Fillers	2015
1651	RMK10	ScienceFund	Projection stereolithography for rapid manufacturing of polymer optical devices	2015
1652	RMK10	ScienceFund	Development of a prototype non-toxic organo tin-halide perovskite heterojunction solar cell	2015
1653	RMK10	ScienceFund	Development of Non-Toxic Cu2ZnSnS4 (CZTS) Thin Film Solar Cells and Mini Modules Over 15% Conversion Efficiency By Co-Evaporation for Versatile Application	2015
1654	RMK10	ScienceFund	Seismic Performance Evaluation Of Rotary Rubber Damper (RRD) System in beam-column connection	2015
1655	RMK10	ScienceFund	Formation of ZrO2 Gate on Ge Based Metal-Oxide-Semiconductor (MOS) Structure for Ultra-Low-Power and High-Speed-Switching Device Applications	2015
1656	RMK10	ScienceFund	Yield Enhancement of the Semiconductor Electronics Industry through Physics-of-Failure and Reliability Research in Electronics.	2015
1657	RMK10	ScienceFund	Development of chitosan crosslinked-pectine/calcium silicate/graphene composite scaffolds for bone tissue regeneration application.	2015
1658	RMK10	ScienceFund	Development Of Piezoelectric Materials From Rice Husk Silica For Sensor And Clean Energy Harvesting Applications	2015
1659	RMK10	ScienceFund	Development of Double-Stator Magnetic Geared Permanent Magnet Generator for Low Wind Application	2015
1660	RMK10	ScienceFund	Development of active packaging system to extend the shelf life of oyster mushroom (Pleurotus ostreatus)	2015
1661	RMK10	ScienceFund	Integrated Circuit Design of an Envelope Tracking in a Multimode Multiband RF Power Amplifier	2015
1662	RMK10	ScienceFund	Microscopic Insight of Molecularly Imprinted Sol-Gel Matrix for the Development of Creatinine-Recognized Biosensor	2015
1663	RMK10	ScienceFund	Low-cost sol-gel spin coating growth of GaN-based semiconductors for optoelectronic applications	2015
1664	RMK10	ScienceFund	Design and Development of an Enthalpy Exchanger with Hydrophilic Polymer-Processed Sheet for Energy Recovery Application in Building Ventilation System in Hot-Humid Climate: Towards Energy-Efficient Technology	2015
1665	RMK10	ScienceFund	Deodorizer Troubleshooting in Palm Oil Refining using Fuzzy Logic	2015
1666	RMK10	ScienceFund	Microbial Desulphurisation of Petroleum Sulphur for Quality Improvement of High Sulphur Content Crude Oil	2015
1667	RMK10	ScienceFund	Development of an Innovative Sliding Beam to Column Connection for Industrialized Building System	2015
1668	RMK10	ScienceFund	Novel Hybrid Damper for Vibration Control of Structures and Infrastructures	2015
1669	RMK10	ScienceFund	Precision Control Of Kerf In Micro Wire Electro Discharge Machining With Dry Dielectric Fluid	2015
1670	RMK10	ScienceFund	Developing a real time localization system for autonomous robots in flexible manufacturing systems for indoor production environment	2015
1671	RMK10	ScienceFund	Development of Multi-Agent Autonomous Surface Vehicle (ASV) for Hydrography Survey	2015
1672	RMK10	ScienceFund	The development of an adaptive flight controller and system identification method for rotorcraft based unmanned aerial system (RUAS) using fully tuned neural model and model predictive control approach	2015
1673	RMK10	ScienceFund	Development of System-On-chip Microarray Data Analyzer for DNA Chip Application	2015
1674	RMK10	ScienceFund	Fabricated Germanium-Doped Optical Fibre as Thermoluminescence Dosimeter for the Measurement of Absorbed Dose in Stereotactic Radiosurgery (SRS) Verification Plans	2015
1675	RMK10	ScienceFund	Development of a Reliability-aware Testing System for Digital Microfluidic Biochips through Electrode Cells Health Classification	2015
1676	RMK10	ScienceFund	Development of a New Autonomous Multistage Low Impedance Inverse-Induction Control of In-Line Voltage Optimization on Power-Busbars	2015
1677	RMK10	ScienceFund	Visual-based Computer-Aided Monitoring System (VCAMS) for Human Motion Abnormalities Correction	2015
1678	RMK10	ScienceFund	Light-driven visual inspection system	2015

1679	RMK10	ScienceFund	Silver nano-particles grafted cotton fabric with antibacterial functionality	2015
1680	RMK10	ScienceFund	Experimental evaluation and numerical prediction of microfluidic cooling in a multi-layer microchannel heat sink	2015
1681	RMK10	ScienceFund	Intelligent Renewable Energy Storage and Management system for rural households	2015
1682	RMK10	ScienceFund	Development of geopolymer-cement blend for application as engineered barrier in radioactive waste disposal facility	2015
1683	RMK10	ScienceFund	Development of real-time radiographic film digitizer for digital industrial radiography (DIR) application	2015
1684	RMK10	ScienceFund	Development of Nucleonic Imaging System (NIS) for the detection and evaluation of industrial pipeline in Oil and gas industry.	2015
1685	RMK10	ScienceFund	Development of Nano Chemical Composite Sensor for Ultrasensitive Detection of Formaldehyde Gas Emissions From Composite Wood Products	2015
1686	RMK10	ScienceFund	Continuous biohydrogen production utilising low strength sago mill effluent in a 10L capacity CSTR seeded with mixed microbial consortia	2015
1687	RMK10	ScienceFund	Assessing The Importance Of Marine Transportation In The Introduction Of Pathogens In Selected Malaysian Marine Waters	2015
1688	RMK10	ScienceFund	Composition of volatile organic compounds from sea-surface microlayer around coastal areas in Peninsular Malaysia	2015
1689	RMK10	ScienceFund	Near Surface Mounted (NSM) Techniques for Seismic Retrofitting and Strengthening of Exterior Reinforced Concrete Beam-column Joint Using Glass Fiber Reinforced Polymer (GFRP)	2015
1690	RMK10	ScienceFund	Modelling of Flow with Seepage in Porous Open Channels	2015
1691	RMK10	ScienceFund	Development of geospatial model for elucidation of Metisa plana's landscape ecology in Malaysian oil palm microclimate and prediction of its prevalence	2015
1692	RMK10	ScienceFund	Assessing the Roles and Impacts of Artificial Reefs and Marine Parks for the Management of Marine Resources in Peninsular Malaysia	2015
1693	RMK10	ScienceFund	Experimental and Numerical Study for Implementing Humpback Whale Leading Edge Tubercles on Wing of ALUDRA MK-1 Unmanned Aerial Vehicle	2015
1694	RMK10	ScienceFund	Development of Captive Breeding, Seed Production and Culture Protocols of the Commercially Important Species of Sea Urchin (<i>Tripneustes gratilla</i>)	2015
1695	RMK10	ScienceFund	Identification of Location and Seagrass Areal Coverage using Remote Sensing Technology in Coral Triangle Initiatives (CTI) Region of Sabah	2015
1696	RMK10	ScienceFund	Optimum lighting conditions to gain high survival and growth rates of sutchi catfish larvae <i>Pangasianodon hypophthalmus</i> through physiological and molecular studies.	2015
1697	RMK10	ScienceFund	Concurrent Brake Actuator with Nonlinear Force Distribution Control for Motorcycle Applications	2015
1698	RMK10	ScienceFund	Fire Resistance Of Ultra High Performance Fiber-Reinforced Cementitious Composites (Uhpfrcc) Coated Structural Members	2015
1699	RMK10	ScienceFund	Punching Shear Resistance of Self-Compacting Fiber Reinforced (SCFRC) Concrete Ribbed Slab	2015
1700	RMK10	ScienceFund	An Automated SERS based Detection System for Febrile Phase of NS1 Related Viral Diseases	2015
1701	RMK10	ScienceFund	Development Of Autonomous Greenhouse Gases System For Tropical Peatland Monitoring	2015
1702	RMK10	ScienceFund	Developing a Rapid Dengue Virus Biosensor Early Warning System for Potential Mapping of High Risk Dengue Outbreak Zones in Malaysia	2015
1703	RMK10	ScienceFund	Smart Spoilage-Technology: A Rapid Easy-To-Use Detection Kit For Palm Oil Deterioration and Quality	2015
1704	RMK10	ScienceFund	Observations of biogenic VOCs and tropospheric ozone and their implications for human health	2015
1705	RMK10	ScienceFund	Combination of physicochemical and sulfate radical based advanced oxidation process for landfill leachate treatment	2015
1706	RMK10	ScienceFund	Development of Continuous Sinogram Reader for 3D Nuclear Imaging Systems	2015
1707	RMK10	ScienceFund	Development of Video-based Parenting Program to Improve Parenting Practices among Parents of Preschool Children in Selangor	2015
1708	RMK10	ScienceFund	Development of Fe3C Nanoparticles Encased in Graphene Layers for Polymer Electrolyte Membrane Fuel Cells (PEMFCs) Electrocatalyst Application	2015
1709	RMK10	ScienceFund	Floristic composition, plant biomass and stand productivity along an altitudinal gradient at Payeh Maga, Long Tuyo, Lawas, Sarawak	2015
1710	RMK10	ScienceFund	Effect of Backfat Thickness and Oestradiol Benzoate on Reproductive Performance of Dorper Ewes in Malaysia	2015
1711	RMK10	ScienceFund	Characterization of thrombosis related parameters in healthy subjects supplemented with omega-3 from Yellowstripe scad (YSS)	2015
1712	RMK10	ScienceFund	Environmental and health risks of heavy metal from cement dust exposure in school environment and children (Rawang, Selangor)	2015
1713	RMK10	ScienceFund	Development of precast lightweight two layered wall panel	2015
1714	RMK10	ScienceFund	Synthetic Aperture Radar (SAR) based Analysis of Rice Pest Infestation and Plant Stress Identification.	2015
1715	RMK10	ScienceFund	BZD9L1: Establishment of a novel sirtuin inhibitor as a potential adjuvant therapeutic agent in colorectal cancer	2015
1716	RMK10	ScienceFund	Sources and Potential Effects of Indoor Air Quality and Thermal Comfort in Mosque Buildings	2015
1717	RMK10	ScienceFund	Integration of Rankine Power and Absorption Refrigeration Cycles for Low Load Optimized Solar Thermal Chilled Water Soil Cooling System	2015
1718	RMK10	ScienceFund	Development of Slope Monitoring System by Automatic Wireless Accelerometer Monitoring System	2015
1719	RMK10	ScienceFund	Development of Drivers' Green Travel Behaviors Assessment Model towards Low-Energy and Low-Emission Urban Transportation	2015
1720	RMK10	ScienceFund	Novel Adaptive Impedance Control for Post-Stroke Rehabilitation Platform based on Hybrid Automata and Neuro-Fuzzy Inference System Formalism	2015
1721	RMK10	ScienceFund	A New Development of A Compact Broadband Operating Antenna with Wide Bandwidth for In-Building Wireless Coverage Application	2015
1722	RMK10	ScienceFund	A potential method for power generation by using an emerging technology: PressureRetarded Osmosis Membranes.	2015
1723	RMK10	ScienceFund	Numerical investigation of the sediment implication on erosion in Francis turbine blade to improve the performance in hydroelectric dam	2015
1724	RMK10	ScienceFund	Hit to Lead Optimisation: Synthesis and Biological Evaluation of New Thienopyrimidine Derivatives as Potential Antagonists of Adenosine A3 Receptor, A Promising Target for the Treatment of Asthma	2015
1725	RMK10	ScienceFund	Development, Implementation and Evaluation of a Community Intervention Program to Improve Lifestyle Behaviour in a Malaysian Population	2015

1726	RMK10	ScienceFund	Sustainable Management of Stormwater Quantity and Quality in Tropical Urban Catchments Using Bioretention Basins - An Experimental Study	2015
1727	RMK10	ScienceFund	A Sustainable Shallow-Groundwater Extraction As An Adaptation Strategy Towards Climate Changed Malaysia	2015
1728	RMK10	ScienceFund	Design and development of a wavelet neural network architecture for wearable systems to predict kinematic gait parameters and identify pathological gait	2015
1729	RMK10	ScienceFund	Discovery of novel bacteriocin-producing genes in a novel Streptomyces sp. MUSC 135T, a streptomycete inhibiting methicillin-resistant Staphylococcus aureus	2015
1730	RMK10	ScienceFund	Reframing Retirement Planning: A Holistic Approach to Understanding Consumer Financial Planning, Attitudes and Behaviour Surrounding the Silver Industry	2015
1731	RMK10	ScienceFund	Development of enhanced fitness Salmonella live vector carrier vaccine by using Toxoplasma gondii antigens as a model candidate	2015
1732	RMK10	ScienceFund	Novel combination of eye tracking and brain imaging techniques to determine how the human brain performs visual search tasks for application in robotics and computer vision	2015
1733	RMK10	ScienceFund	Biomass-burning haze (BBH) in Southeast Asia (SEA): Development of a computational tool to predict its transport and impacts of climate change in Malaysia	2015
1734	RMK10	ScienceFund	Assessment Of Radon And Thoron Exposure To The Public Around Rare-Earth Plant	2015
1735	RMK10	ScienceFund	Evaluation the Effect of Pods Storage and Fermentation Duration on Colour Characteristic And It Relations To Flavour Quality Of Dried Cocoa Beans	2015
1736	RMK10	ScienceFund	Effect of different types of Organic Fertilizer (Materials) on the Yield, Bean Quality and Flavour in Cocoa (Theobroma cacao L.)	2015
1737	RMK10	ScienceFund	A Study for the Sustainable Offshore Sand Mining In the One Fathom Bank (OFB) and its Surrounds, Off Port Klang, Selangor.	2015