

**SENARAI PROJEK YANG DILULUSKAN DI BAWAH SEKSYEN DANA MOSTI TAHUN 2006**

TAHUN	JENIS DANA	TAJUK PROJEK LULUS
2006	SCIENCEFUND	Intelligent Graphology (Igrapho)
		Engineering Affective Quality In E-Commerce Website
		Externalization Of Epistemic Community Tacit Knowledge For Batik Design Educational E-Gallery
		Computer Assisted Diagnosis (Cadg) For Early Cancer Detection
		Economic Operation Of Power System Using Evolutionary Programming Optimisation Technique
		Development Of Expert System For Flexible Pavement Design And Construction
		An Agent Based Rough Set Data Mining Tool
		Development Of An Intelligent Computer Vision System For Automatic Sorting Of Recyclable Metal And Paper Objects From Solid Waste
		Vlsi Implementation Of Digital Baseband For Ultra-Wide-Band (Uwb) Communication Systems
		Formal Verification Of Security Properties Of Authentication Protocols
		Natural Language Understanding Engine For English Essay Comprehension.
		Development Of A Semantic Role Assignment Tool For The Automation Of Database Design
		Location-Based Service For Public Transportation System
		Development Of Web Based User Interface Evaluation System
		Development Of Fuzzy Logic Control For Simultaneous Carbon And Nitrogen Removal In A High Capacity Treatment System Of A Partially Packed Biological Aerated Filter
		Development Of Error Analysis Marking Tool For Marking Esl Writing At Ihls
		Development Of A Virtual Reality Visualisation Laboratory To Build Virtual Worlds For Learning
		Semantic Knowledge Extraction From Annotated Images
		Development Of An Advanced Multimedia In Special Education System For Learning Intervention
		The Development Of Semantic Search Engine For Malaysian Business Directory
		Development Of Electronic Marketplace For Efficient Bidding In Wood-Based Products Industry
		Development Of A Non-Invasive Bedside System For Endothelial Dysfunction Assessment
		Development Of Jawi Optical Character Recognition System
		An Improvement Of Data Mining Process Using Agent
		Developing A Web-Based Metacognitive Learning Strategies Courseware For Effective Learning In Hypermedia Environment
		Development Of Advanced Traveller Information System
		Evaluation Of Exposure Parameters And Image Quality In Full Field Digital Mammography.
		Development And Application Of Machine Learning Techniques To Biological Systems
		The Development Of A Web-Based Ecological Assessment Of Childs' Readiness To School
		Development Of Repository For Cardiac Data And Models
		Replication Framework In Collaborative Data Grid
		Persistence Framework Toolkit For Advanced And Legacy Application Systems Development And Integration
Inter-Domain Qos Routing		
A High Speed Gigabit Network Coprocessor Chip Design To Detect Polymorphic Internet Worm		
Development Of A Learning Environment With An Animated Pedagogical Agent Focusing On Primary School Students For Science Subject		
Development Of Software For Online Application Of Advanced Process Control		

		Detection Of Breast Tumors Based On Tissue Elasticity Measurement From B Mode Ultrasound Images
		Development Of Software For Malay Text-To-Speech Synthesis And Speech Recognition
		Design Of Non-Invasive Systems To Measure Blood Sugar And Cholesterol
		Intelligent Information System For Infrastructure Management
		Development Of Transit System Modelling Based On Gis
		Simulation Of The Fiber/Fluid Model Of The Heart Using Grid Computing
		Development Of An Intelligent Prognostic System For Dengue Infections
		Improving Breast Cancer Management Delivery Through The Development Of A Comprehensive Data Management System And Survival Analysis.
2006	SCIENCEFUND	Microwave Imaging Using Microwave Indirect Holographic Imaging
		Summary-To-Summary Approach For Automated Comprehension Assessment
		Mobile-Based Mental-Skill Game Technology For Programming Course
		Content Based Image Retrieval In Hematology
		Text Mining Techniques In Malay Natural Language Processing.
		Event Reconstruction System For Digital Computer Forensics
		Comparison Of Instructional Efficiency Of Dynamic Softwares On Mathematics Learning At The Secondary Level
		Wireless Adhoc And Sensor Optimization Tool For Network Reconfiguration
		Design And Development Of Intelligent Machine Vision System For Agriculture (Oil Palm)
		Distributed Embedded System Of Multimedia Applications For Ubiquitous Home Entertainment
		Development Of An Early Warning System For Monitoring Water Catchment
		Developing A Connector Based Extraction Model For Relation Extraction In A Knowledge Management System
		Ubiquitous Pond Sensing For Proactive And Precision Aquaculture Farming
		Collaborative Knowledge Management In Mobile Computing Environment
		Knowledge Management System In Bioinformatics With Collaborative Environment
		An Agent-Based Semantic Integrity Subsystem For Managing Mobile Databases Constraints
		Development Of A Multilingual Computer Based Interactive Program For Veterinary Thoracic Radiology
		Development Of Performance Analysis Software Specific To Badminton
		Design Of Low Voltage Pipeline Analog To Digital Converter For Software Defined Radio Receiver
		Design And Development Of 3d Biometric Face Recognition System
		Multi User Detection Using Parallel Interference Cancellation Strategy For Combined Code And Space Division Multiple Access Technique
		Elastic Image Registration For Land Movement Monitoring For Landslides Detection And Prediction
		Development Of River Flow Estimator For Impact Of Landuse Changes
		Weather Elements Detection And Removal In Robotic Vision
		Access And Utilization Of Computers And The Internet Among Older Malaysians
		Penggunaan Ict Di Kalangan Usahawan Asas Tani: Satu Pendekatan Ke Arah Pembentukan Petani Berpengetahuan (K-Farmer)
		An Expert System For Selecting An Appropriate Solid Waste Treatment Technology
		Success Strategies In The Knowledge-Based And Innovation. Economy: A Critical Appraisal Of National And Organizational Initiatives Using Structural And Complexity Methodologies
		Update Strategies To Maintain Replica Consistency In Data Grid
		A Musical Search Engine For Malaysian Musical Genres
		An Effective Content-Based Image Retrieval Through Improved Sub-Block Technique.

	<p>New Component Model For Composition In Both Design And Deployment Phase</p> <p>A New Block Cipher Algorithm</p> <p>Quantum Computing For The System Of Qutrits In Small World Networks.</p> <p>Development Of A Scalability Solution To Source Specific Multicast For Mobile Ipv6</p> <p>Security Enhancement Of Mobile Ipv6 Route Optimization</p> <p>Imaging Through Human Body Using Ultra-Wideband (Ithbu)</p> <p>Managing And Mining Audio With/Without Texts</p> <p>A Novel Coding And Modulation Technique For Ofdm System Performance Enhancement</p> <p>Development Of Land Use Cumulative Index (Luci) For River Water Quality Management</p> <p>Innovating Automatic Essay Scoring (Aes) In Malaysian Public Examinations</p> <p>Improved Forest Mapping And Classification Of Tropical Tree Species Using Remote Sensing And Gis Technology</p> <p>Construction Of Ontology-Based Multilingual Sense Dictionary For Supporting Online Wsd Service And Sense Dictionary Look-Up</p> <p>The Virtual Reality And Artificial Intelligence-Based Pedagogical Agent In Constructivist E- Learning System</p> <p>The Development Of A Clinical Linguistic Decision Support System For The Differential Diagnosis Of Child Language Disorders Using Artificial Neural Network (Anns) And Digital Brain Atlas</p> <p>Voice-Enable Automatic Question Answering System</p> <p>Development And Application Of An Intelligent Multimodal System Integrated With An Information Repository For Support Of Medical Decision Making</p>
	<p>Information Integration And Representation For Business Intelligence</p> <p>Improving Performance Of Unidirectional Link (Udl) Mesh Network Via Header Compression Scheme</p> <p>Parallel Stream Cipher Cryptosystem Based On Np-Hard Problem (Pssc)</p> <p>A Hybrid (Neural Network And Fuzzy Logic) Approach For A Better Intrusion Detection System (Ids) Architecture To Counter Intrusion, Espionage, And Cyber-Warfare.</p> <p>The Design And Development Of A Web-Based Open Source Geographical Information System (Gis) As Teaching Tools In Promoting Spatial Thinking/Skills In Secondary School Education.</p> <p>Automatic 3d Landmarks Detection And Placement On Craniofacial Data</p> <p>Parallel Sequence Alignment And Clustering Algorithms For Sequence Analyses Of Fish Species</p> <p>A Tutor-Based Software Visualisation Approach (Tubvis) In A Reverse Engineering Environment</p> <p>Texture Analysis For Computer Vision</p> <p>Development Of A Web Front End To The Grid For Resource Sharing, Image Analysis And Visualization</p> <p>The Development Of Visual Data Mining Tool For Medical Data</p> <p>Development Of Watermarking Algorithms To Enhance Security Feature Of Medical Images</p> <p>Development Of A Software Fault Injection Tool To Ensure Dependability Of Commercial-Off-The-Shelf Components (Cots) For Embedded System Applications</p> <p>Feature Extraction From Engineering Drawing Images For The Purpose Of Segmentation</p> <p>A Portal Of An Integrated Molecular Structure Database Of Antimicrobial Components From Natural Resources</p>

2006	SCIENCEFUND	Development Of Electropalatograph (Epg) Artificial Palate For Speech Therapy Of Cleft Lip And Palate Children
		Parallelisation Of Protein Sequence Comparison Algorithms Using Hybridised Parallel Techniques
		Segmentation And 3d-Visualization Of Tumour From 2d Computed Tomography Datasets
		Video Conferencing Over Wireless Network
		Enhancing File Transfer Algorithm For Real-Time Document Conferencing
		Secure Multimedia Conferencing System Over Wan
		Framework For Component-Based Software Engineering Of Embedded Software In Resource Constrained Real-Time Systems
		Depth Dependence Of Swim Bladder Target Strength For One Finlet Scad, Round Scad And Indian Mackerel
		The Development Of Integrated Planning And Scheduling Framework For Dynamic And Reactive Environment Of Complex Manufacturing Problem
		Design And Development Of Fractal Antenna For Ultra High Frequency Band Application
		Electromagnetic Band-Gaps Structure In Microwave Device Design
		Adaptive Software Architecture For Radio Frequency Identification (Rfid) Middleware
		Development And Evaluation Of Reusable Rfid Software Components
		Bone Adaptation Algorithm For Pre-Operative Surgical Tool In Joint Arthroplasty.
		The Development Of Classification Tool Using Intelligent Techniques For Cancer Disease Classification From Microarray Gene Expression Data
		Radio Frequency (Rf) Front-End Design Of Radio Access Point For Radio Over Fiber (Rof) Technology
		Photonics Frequency Conversion For Millimeterwave Radio Over Fiber System (Mmwrof)
		Fpga-Based Space-Time Mimo-Ofdm Design For Wireless Lans
		The Development Of Real-Time Rendering For Large-Scale 3d Virtual Heritage
		Architecture Of R.F.I.D. System With Embedded Controllers For P.L.U.S. And P.L.K.N.
		Development Of Smart Monitoring System (Ad Hoc Sensor Networks For River Pollution And Electric Discharge Monitoring)
		Development Of A Reference Model For Reusable Learning Objects Repository Of A Programming Education Learning System
		Artificial Life Neural Network Caching For Adaptive Hypermedia Learning System
		Development Of Intelligent Tool For Rice Yield Prediction
		Development Of Intelligent 3d Solid Modeler Based On Artificial Intelligence Technique
		Development Of Low Cost Enterprise Resource Planning Prototype System For Malaysian Small And Medium Industry Using Open Source Software.
		The Development Of Virtual Product Life Cycle Design Tool Using Artificial Intelligence Technique
		Development Of High Usability And Secure Knowledge Based Authentication Technique Using Hybrid Graphical Password Scheme
		Development Of Smart E-Form For Standard Malay Using Agent And Speech Technologies
		Development Of Secure Hybrid Networking Technology For Mobile Campus Community System
Intelligent Algorithm For Criterion-Based Dynamic Generation Of Test Questions		
The Development Of Interactive Spatiotemporal Visualization Algorithm For 3d Surface Movement In Virtual Geographical Information System Application		

2006	SCIENCEFUND	Embedded Soc-Based Hardware Integration Of Compression-Encryption-Authentication For Data Security Of Networked Multi-Gigabyte Databases.
		Reconfigurable Ultra Wideband (Uwb) Antenna Design And Development
		Antenna Design Using Left-Handed Materials
		Flow Regime Identification And Particle Sizing Investigation Of A Solids Conveying In Pneumatic Pipeline Using Electrostatic Sensors And Neural Network Techniques.
		Development Of Phoneme Based Medium Vocabulary Malay Continuous Speech Recognition System
		Development Of Digital Optical Switch For All Optical Cross-Connect
		Cooperative Intrusion Detection System For Grid Computing
		Automation Of Dna Computing Readout Based On In Vitro-In Silico Processing Of Real-Time Polymerase Chain Reaction
		Agent Based Language Identification Tools For Web Documents Using Machine Learning Algorithms
		Eeg-Based Brain-Computer Interface System To Control A Prototype Intelligent Wheelchair
		Development Of Appointment Scheduling Agent Using Distributed Constraint Satisfaction (Discs)
		Automated Hybrid Intelligent Agricultural Decision Support For Forecasting Weather And Palm Oil Production
		Construction And Development Of Ematrix For Mobile And Multimedia Development Methodologies
		Hardware Implementation Of A Real Time Image Compression System For Next Generation Mobile Communications
		Hardware Prototyping Of Fetal Heart Rate Monitoring System Using Artificial Intelligence
		Development Of A Bioinspired Optimization Algorithm For The Automatic Generation Of Multiple Distinct Behaviors In Simulated Mobile Robots
		Development Of Intelligent Agent For Online Auctions: Strategy For Bidders And Sellers
		Development Of An Intelligent Web-Based Tender Evaluation System
		Development Of An Automatic Text Categorization Using Fuzzy Thesaurus Technique
		Development Of An Online Distribution Of Artificial Reefs For East Cost Of Peninsular Malaysia By Using Spatial Data Approach
		The Development Of Distributed – Interoperable Geographical Information Systems (Gis) Application
		Development Of Prototype Virtual Reality Dental Simulator With Force Feedback
		Development Of Face Emotion Recognition Package Using Electroencephalogram And Vision System
		Design Of An Artificial Intelligent Diagnostic System For Tuberculosis Infection
		Design And Development Of Wireless Web Based Monitoring System Using 32 Bit Advance Embedded System And Gnu/Linux
		S-Band Optical Amplifier
		Secure Mobile-Internet Personal And Group Authentication Using Dynamic Handwritten Signature With Public Key Infrastructure
		Development Of Content- And Semantics-Based Image Retrieval System For Medical Applications
		Design And Performance Analysis Of Ofdm Based Radio-Over-Fiber System
		Dynamic Job Grouping-Based Scheduling For Grid Application
		Multi-Wavelength Brillouin-Erbium Holey Fiber Laser
		Development Of An Automated Decision Support System For Diabetic Retinopathy Disease
		Automated Ontology Mapping And Merging For Learning Object Reusability
		Design Of An Efficient And Provable Secure Identity-Based Identification Scheme In The Standard Model
Multi-Modal Human Computer Speech Interface		
Development Of Real-Time Thread Concurrency Controls For Cpu/Fpga Based Micro-Kernel		
Application Of Electrical Impedance Tomography For Imaging In Bio-Medical And Materials Technology		
Design And Development Of An Intelligent Automatic Signature Verification System		
Novel Applications Of Document Comparison And Visualisation Technology		

		<p>Developing A System Architecture For Implementing Complex Community-Based Road Safety Programs</p> <p>Continuum Model For Wireless Network Teletraffic Analysis</p> <p>Web Data Mediation Over Semantic Web Framework</p> <p>Bridging The Digital Divide In Rural Agricultural &amp; Fishing Communities In Malaysia</p> <p>Generic Scheduling Algorithms For All-Optical Shared-Buffer Timeslot/Packet/Burst Switches</p> <p>Research And Development Of An Embedded Platform For Computer Vision Applications</p> <p>Development Of A Comprehensive Framework For Forensics Examination And Investigation Of Systemic Information Processes: A Research Study On Application Of Information Forensics On Development And Operation Of Bioinformatics Systems.</p> <p>Wireless Intelligent Incontinence Management System Using Smart Diapers For Elderly People And Children</p>
2006	SCIENCEFUND	<p>Development Of Interactive Surgical Planning And Analysis System</p> <p>Development Of Web Based Integrated Management System For Implementation Of Qms And Isms</p> <p>Malaysian Basic Biodiversity Genomic Database For Alzheimer's Disease</p> <p>Bioassay-Guided Isolation Of Antiplasmodial Compounds From Two Malaysian Kopsia Species.</p> <p>Studies Towards The Total Synthesis Of Codonopsinine, An Anti-Hypertensive Compound From Codonopsis Clematidea</p> <p>Phytomedicinal Studies Of Some Malaysian Uncaria</p> <p>Development Of Natural Dyes From Waste Plants</p> <p>New Nanotechnological Application: Wet-Grinding As A Process To Produce Nanodrugs And Improve Drug Bioavailability</p> <p>Inhibitory Effects Of Xanthone Derivatives From Selected Garcinia Species On Low-Density Lipoprotein Peroxidation And Platelet-Mediated Thrombosis.</p> <p>Anti-Inflammatory And Oestrogenic Effects Of Resorcinol Derivatives From Labisia Pumila Var. Alata (Myrsinaceae)</p> <p>Anti-Inflammatory Effects Of Flavonoid Derivatives From Annonaceae Species On The Biosynthesis Of Thromboxane B2 (Tx<sub>2</sub>) And Prostaglandin E2 (Pge<sub>2</sub>) In Plasma.</p> <p>Expression Of Replicative Senescence-Associated Genes In Human Dermal Fibroblasts Treated With Gamma-Tocotrienol</p> <p>Marker-Assisted Selection For Aroma And Kernel Elongation In The Development Of New Rice Varieties</p> <p>Comparative Genomics For Conservation And Improvement Of Nephelium And Citrus Species</p> <p>The Clinical Value Of Human Mamaglobin (Hmam) In Breast Cancer</p> <p>Determination Of Rate Limiting Enzyme In Lipid Biosynthesis Of Cunninghamella Sp. 2a1.</p> <p>Modulation Of Disease Resistance In Rice Through Mitogen Activated Protein Kinase</p> <p>Signaling Pathways During Pathogenesis Of Colletotrichum Gloeosporioides</p> <p>A High Throughput System For Activation Tagging In Transformed Hairy Roots</p> <p>Application Of Rnai Technology For Functional Analysis Of A Novel Ripening-Related Gene</p> <p>Functional Analysis Of Capsanthin Capsorubin Synthase Promoter</p> <p>Nipah Virus Transcriptional Mechanism: Study Of L Protein Functional Domains And Promoter Sequence</p> <p>Stem Cells: Chemotaxis Activity In Human Progenitor Osteoblast Cells</p> <p>High Density Mammalian Cell Cultivation System For Recombinant Protein Production</p> <p>Development Of Bio-Solar Hydrogen Production System Using Mixed-Culture Of Photosynthetic Bacterium And Solvent Producing Strain</p> <p>Identification Of Chemical Components Of Hornstedtia Scyphifera (Zingiberaceae) With Anti-Inflammatory And/Or Neuroprotective Effects.</p> <p>In Silico Proteomics Analyses Of Tunicates Proteins</p> <p>A Biosensor-Flow Injection Analysis System Utilizing Acrylic Nanospheres For The Determination Of Proteins And Food Additives.</p>

	Molecular Characterization Of Putative M1 Gene Required For Sperm-Egg Fusion During Fertilization
	Isolation, Structure Determination And Bioactivity Of The Chemical Constituents Of Malaysian Vatica And Shorea
	Functional Analysis Of Appressoria Specific Genes Targeted For The Control Of The Fungal Plant Pathogen Colletotrichum Gloeosporioides
	Development Of Species-Specific Dna Probes For The Detection Of Some Toxic Marine Dinoflagellates
	Host-Parasite Signaling In Plasmodium Infection
	Residual Study Of Litsea Elliptica Blume As Botanical Pesticide Against Dengue And Dengue Haemorrhagic Fever Vectors And Its Safety Assessment
	New Thermoseparating Aqueous Two-Phase Extraction System For Efficient Enzymes Recovery
	Continuous Solvent Production In An Oscillatory Flow Bioreactor
	Molecular Elucidation Of Solanum Torvum As A Potential Therapeutics On Oxidative Related Condition
	Biotechnology Of Mass Culture Of Microalgae Chlorella Vulgaris And The Determination Of Nutrient And Antioxidant Components
	Gamma-Tocotrienol Modulates Oxidative Stress Response And Gene Expression Of Human Lymphocytes From Different Age Groups
	Potential Clinical Use Of Stem Cells From Human Placental And Umbilical Cord Matrix For Tissue Repair Through Angiogenesis
	The Isolation Of Amnion Stem Cells And Characterization Of Its Potential In Skin Regeneration
	Explore The Potential Of Human Lipoaspirate Stem Cells For Future Clinical Treatment Of Cartilage Loss.
	Molecular Genetics Of Unconjugated Hyperbilirubinemia And Development Of Molecular Screening Test For Severe Neonatal Jaundice.
	Epigenetic Alteration And Gene Silencing Of The Mdr Gene In Acute Leukaemia
	Folate, Mthfr Gene Polymorphism And Childhood Cancers.
	Genomic And Proteomic Markers Of Endometrial Cancer In Malaysian Population
	Genetic Polymorphisms And Enzyme Activity Of Thiopurine S-Methyltransferase: Development Of Molecular Diagnostics And A Bioassay To Reduce Toxicity And Enhance Therapeutic Efficiency In Acute Lymphoblastic Leukaemia
	Molecular And Genetic Profiling Of Gestational Diabetes Mellitus Using Single Nucleotide Polymorphism
	Structural Modifications And Quantitative Structure Activity Studies Of Ethyl Cinnamate, An Anti-Hypertensive Agent, And Its Analogues.
	Gene Expressions And Biological Properties Of Epstein-Barr Viral Gene Transfected Cells
	Biomining For Mirna Genes Related To Stress In Banana Roots
	Rapid Detection, Identification And Antimicrobial Susceptibility Of Enterobacteriaceae Using Molecular Techniques.
	Development Of Chemotherapeutic Agents For Dengue Diseases.
	Chikungunya Virus: Molecular Analysis And Development Of Diagnostic Assays
	Role Of F2-Isoprostanes, And Markers Of Inflammation And Oxidative Stress As Biomarkers Of Type 2 Diabetes.
	A Comparative Analysis Of Protein Expression In Oral Cancer Patients With The Aim Of Identifying Predictive And Prognostic Biomarkers: A Proteomics Approach.
	Development Of Oral Healthcare Products From Selected Plant Extracts
	The Role Of Cross-Reacting Antibody Responses In Cytokine-Mediated Diseases

2006

SCIENCEFUND

Nutraceutical Development From Local Plant Extracts Nephelium Lappaceum (Rambutan) And Syzygium Maingayi (Jambu Merah) With Significantly High Anti Oxidant Activity
Comparative Proteomic Analysis Of Genes Expressed In Banana Roots In Response To Plant-Parasitic Nematode Infestation
Self Targetting Novel Polymeric Drug Delivery System For Cancer Treatment
Molecular Genetic Analysis And Characterisation Of Forensically Important Fly Species In Malaysia.
Efficacy Of Antioxidant Extract From Lentinus Squarrosulus As Potential Nutraceutical Ingredient And Food Stabilizer
The Epidemiology And Molecular Characterization Of Macroparasitic Infections Of Feral Animals To Human Hosts In Malaysia.
The Investigation Of Rotator Cuff Tendinopathies In Human And Determining The Feasibility Of Applying Tissue Engineering Methods Using Autologous Fibroblast And Mesenchymal Stem Cells For The Repair Of Rotator Cuff Tears.
Development, Synthesis, And Evaluation Of Bioactive Indole Derivatives For Potential Applications In Biomedicine And Pharmacotherapy
The Role Of Free Radicals In The Development Of Endothelial Dysfunction In Diabetes Mellitus.
Application Of Proteomic Technology In Identification Of Protein Biomarkers In Prostate Cancer Patients
Lectin-Based Approach In Proteomic Studies
The Potential Usage Of Selected Natural Compounds As Chemotherapeutic Agents Against Cancer.
Association Study Of Single Nucleotide Polymorphisms In Selected Candidate Genes And Non-Hodgkin's Lymphoma In The Malaysian Populations
Phenotypic And Genotypic Characterization Of Drug-Resistant Bacteria In Enterobacteriaceae
The Role Of Viral Genomes In Kinase Activities And Protein Expression Profile In Lymphoma
Development Of Anti-Tumour Agent From Curcuma Mangga And Pereskia Corrugata
Assisted Reproductive Technologies (Art) In Long Tail Macaque (Ltm)
Cell Suspension Culture Of Gracilaria For The Production Of Biopharmaceuticals
Structure-Based Design And Synthesis Of Muscarinic Receptor Active Compounds As Potential Therapeutic Drugs
Biomedical And Pharmacological Studies On Mucuna Pruriens Seed Components And Snake Venom Toxins
Antidiabetic Property Of Some Synthesized Benzoylhydrazones And Their Metal Complexes.
Approaches Towards The Synthesis Of Bioactive Marine Macrolides
Molecular Epidemiology And Molecular Pathogenesis Of Burkholderia Pseudomallei.
Bioassay Guided Studies Of Two Antitumor Active Malaysian Meliaceae Species: Chisocheton Erythrocarpus Heirn And Aglaia Lanuginosa King
Protein And Gene Profiling In The Developing Chick Embryo Under Normal And Treated Conditions
Effect Of Recombinant Glycoproteins Of Newcastle Disease Virus On Cancer Cells
Expression And Structural Studies Of L2 Lipase
Identification Of The Self-Assembly Domain Of Nipah Virus Nucleocapsid Protein And Its Application In Diagnosis
Functional Elucidation Of Seaweed Genes Related To Agar Biosynthesis
Molecular Modeling And Site-Directed Mutagenesis Of Type Iii Polyketide Synthase And Vanadium Dependent Haloperoxidase
Studies On Mesenchymal Stem Cells As A Potential Cellular Therapy For Cancer
Studies On Industrial Dye Effluent Degradation By Locally Isolated White Rot Fungi And Bacteria



		Cloning And Characterization Of Novel 5'-Cis-Acting Promoters And Other Controlling Elements In Green Microalgae <i>Ankistrodesmus Convolutus</i>
		In Vivo And In Vitro Study Of Atherogenesis And The Potential Benefits Of <i>Anacardium Occidentale</i> Linn. In Experimental Atherosclerosis
		Evaluation Of Probiotic Strains In Chickens By Real-Time Quantitative Pcr
		Isolation And Characterization Of Acetylcholinesterase And Butyrylcholinesterase Inhibitor From <i>Knema Laurina</i> .
2006	SCIENCEFUND	Molecular Targets Of Natural And Synthetic Quinones
		Development Of A Strip Assay To Identify Beta-Thalassemia Alleles In Ethnic Groups In Malaysia
		Microbial Biotransformation Of Selected Diterpenoids, Flavonoids And Phenolic Compounds From Natural Sources
		Genetic Characterization Of Indigenous Kedah Kelantan Cattle And Its Crossbred Breed Types
		Matrix Real-Time Polymerase Chain Reaction For The Rapid Detection Of Colonic Bacteria Associated With Inflammatory Bowel Disease.
		Utilisation Of Locally Produced Additive In Replacement Of Antimicrobials In The Diet Of Broiler Chickens
		Gene Profiling And Survival Of Acute Leukaemias
		Evaluation Of New Andrographolide Derivatives For Inhibitory Activities Against Tumour Vasculature And Metastasis
		Large-Scale Production Of <i>Bifidobacterium Pseudocatenulatum</i> G4 Prelude To Product Testing
		Influence Of Rice Genotype And Its Associated Diazotrophs On Biological N <sub>2</sub> Fixation And Nitrogen Use Efficiency
		Methicillin Resistant <i>Staphylococcus Aureus</i> In Companion Animals And Livestock
		Development Of Protein-Based Diagnostic Kit For Ovine Brucellosis
		Development Of Diagnostic Kits Based On Leptospiral Dna And Proteins For Early Detection Of Acute Clinical Leptospirosis.
		Pathogenicity And Characteristics Of Avian Adenovirus Isolates Of Malaysia
		Molecular Cloning And Expression Of An Organic Solvent Tolerant Lipase Gene From Locally Isolated <i>Staphylococcus</i> Sp.
		Characterization Of The Reproductive Activity Of The Male Lesser Mouse Deer ( <i>Tragulus Javanicus</i> ) Using Immunohistochemistry And Radioimmunoassay
		Prevalence Of Human Papilloma Virus (Hpv) Genotypes And Viral Load Among Asymptomatic Women And Cervical Cancer Patients In Multi-Ethnic Malaysia
		In Vivo Study Of Resistant Starch As Blood Glucose Reducing Agent In Type 2 Diabetes
		Modulation Of Melanin Biosynthesis By Selected Malaysian Traditional Plants Using Epidermal Melanocytes Cell Line
		Identification And Characterization Of The Causal Pathogen Of Red-Tip Disease In Pineapple
		Development Of An Improved Baculovirus Producing Occlusion Bodies That Contain <i>Bacillus Thuringiensis</i> Insect Toxin
		Lactic Acid Bacteria As An Approach To Vitamin Fortification
		Antimicrobial Peptides Production For Destruction Of Multiple Drug Resistant Superbugs, Mrsa
		Discovering Signal Transduction Inhibitors From Actinomycetes For Potential Anti-Cancer Drugs
		Variant Surface Glycoprotein (Vsg) Heterogeneity And Dynamics Of Antigenic Switching In <i>Trypanosoma Evansi</i>
		Development Of A Multiplex Pcr Assay For The Detection Of Economically Important Poultry <i>Mycoplasma</i>
		Identification And Characterisation Of Specific Proteins As Biomarkers For Early Detection Of Vascular Disease
		Nutraceuticals From <i>Morinda Citrifolia</i> (L), <i>Centella Asiatica</i> (L) And <i>Momordica Charantia</i> In Prevention And Treatment For Obesity And Its Related Disorders
		Rapid Detection Of New Antioxidant Constituents From <i>Piscaria Tenella</i> By Hplc-Dad-Ms Analysis.
		Predictive Microbiology: Modeling Bacterial Growth Of <i>Salmonella Typhi</i> As A Function Of Water Activity, Ph And Temperature In Rojak Gravy, Satay Gravy And Coconut Milk (Santan)
Production Of Oil Seeds And Seed Oil Of <i>Moringa Oleifera</i> (Kelor Or Mungai) And Enzymatic Re-Designing Of Its High Oleic Acid Oil With Other Edible Oils/Fats For Product Diversification		
Compounds From <i>Cratoxylum Aborescens</i> , <i>Cratoxylum Glaucum</i> , <i>Garcinia Nitida</i> And <i>Garcinia Mangostana</i> And Their Potential As Anti-Cancer Lead Compounds.		
Establishment Of Nuclear Transformation Protocol Of <i>Ankistrodesmus Convolutus</i> For The Expression Of Therapeutic Proteins		

		Biomonitoring Of Heavy Metals In The Environment Using A Novel Inhibitive Enzyme Assay System
		Combating Biofilm: Gentamycin Drug Delivery System In Bone Tissue
		Development Of Rapid Test For Diagnosis Of Feline Coronavirus
		Development Of An Affinity Adsorption Method For The Purification Of Recombinant Hepatitis B Core Antigen
		Development Of Plant-Based Vaccine For Newcastle Disease In Poultry
		Single Nucleotide Polymorphisms Of The Human Fatty Acid Amide Hydrolase Gene And The Risk Of Drug Addiction In Malaysian Subjects
		Development Of Rapid Diagnostic Tools Based On Polymerase Chain Reaction (Rt-Pcr) And Specific Antibodies For Identification And Diagnosis Of Viral Encephalopathy And Retinopathy (Ver) Of Marine Food Fishes
		Immunohistochemical Assessment Of Endothelial And Smooth Muscle Cell Integrity Of Saphenous Veins Harvested By Endoscopic And Open Methods For Coronary Bypass Surgery
		Virtual High Throughput Screening Of Compounds Derived From Natural Products For Anti-Tuberculosis Activity.
		Interactions Of Soya Protein, Transglutaminase (Tgase) And Ribose In A Composite Model System
		Bioprospecting For New Novel Therapeutics Natural Products From Unicellular Algae
		Identification Of Signal Transduction Pathways Mediating The Cytokine- Inhibitory Effect On Human Peroxisome Proliferator Activated Receptor Alpha (Pparalpha) Mrna Expression In Liver Cells: Towards Elucidation Of The Intracellular Signalling Routes During Acute Phase Response
		Integrating Biotechnological And Breeding Approaches For The Genetic Enhancement Of The Keli Bunga, Clarias Macrocephalus
		Biosynthesis Of Biodegradable Poly(3-Hydroxybutyrate-Co-4-Hydroxybutyrate) By Bacteria From Malaysian Environment.
2006	SCIENCEFUND	Bioregeneration Of Adsorbents In The Simultaneous Adsorption And Biodegradation Processes
		Biopreservation Of Prawns (Peneaus Merguensis) Using Lactic Acid Bacteria (Lab) As Probiotic Products
		Production Of Fructo-Oligosaccharides (Fos) As A Source Of Functional Foods, In Rotating Fibrous Bed Bioreactor
		Process Technology For The Production Of Edible Palm Oil Fat Products Using Enzymatic Reactor Technology
		A Bioroute Production Of Biodiesel Using Cheap Feedstocks In A Continuous Packed Bed Reactor
		Functional And Structural Analysis Of Candidate Gene(S) Associated In The Aetiology Of Nonsyndromic Cleft Lip With Or Without Palate (Cl±P)
		Leptin And Related Risk Factors In Breast Cancer Patients
		Characterization Of Circulating Antigens In Toxoplasmosis
		Experimental Rnomics Based Systemic Search For Small-Non-Coding Rna Riboswitches In Vibrio Cholerae Towards Discovering Novel Drug Target, Vaccine Candidate And Diagnostic Markers
		Determination Of Elements And Morphological Characterization Of Malaysian Sea Cucumber Using Vpsem, Edx, Aas, Tem, Ft-Ir And Xrd Analysis.
		Development Of Test For Diagnosis Of Active Tuberculosis By Detecting Mycobacterium Specific Igg, Igg Subclasses And Iga Antibodies From Lymphocyte Secretions
		Autophagic-Related Mtor And Beclin-1 Gene And Protein Expression In Human Breast Cancer Tissues
		Artesunate And Amodiaquine: Tolerability And Pharmacokinetic Study In Healthy Normal Volunteers Of Non-Fixed And Fixed Combination & Their Correlation With The Cyp2a6 & Cyp2c8 Genes.
		Mutation Of The Virulence And Ompa Genes Of Shigella Flexneri: Towards Development Of An Oral Live Attenuated Shigella Vaccine
		In Vivo Study Of The Effects Of Angiogenic Suppression And Protein Kinase C Inhibition On Growth Of Breast Cancer And Its Blood Supply
		Mathematical Modelling Of Splicing Systems On Dna Molecules
		Phytochemicals With Antioxidants And Antityrosinase Activities From Two Melastomataceae
		The Development Of Feature Selection Tool For Classification Of Microarrays Gene Expression Data Using Statistical And Machine Learning Techniques
		Dna Sequence Design For Dna Computing With Length And Taqman Constraints
		Enzymatic Study Of The Dehalogenases Involved In Biodegradation Of A Herbicide 3-Chloropropionic Acid (3cp) By A Novel Indigenous Bacteria
		Evaluations Of Anti-Inflammatory Activities Of Phytochemicals From Three Wild Pipers
		Encapsulation Of Papain For Edible Cosmeceuticals
		Metabolic Modeling Software For Metabolic Assessment Of Diabetic Patients
		Production Of Biofuels From Empty Fruit Bunch (Efb) Via Integrated Catalytic Process

Development Of Ecofriendly Aromatic Mosquito Repellents From Pelargonium Radula (Jeremin) Styptic Oil
Production Of Thermostable Pullulanase From Locally Isolated Bacillus Flavothermus Using Fed-Batch Culture
Development Of Laboratory Scale Cyclic Activated Sludge Bioreactor (Casbio) To Enhance Aerobic Sludge Granulation (Ags) And Polyhydroxyalkanoates (Pha) Recovery
Hybrid Membrane Bioreactor (Mbr) For Biotransformation And Biomineralization Of Palm Oil Mill Effluent (Pome)
Bioconversion Of Rice Bran Into High Value Added Myo-Inositol Phosphate Intermediates With Anticancer Properties
Improve Product Quantity Of Aromatase Inhibitor From Nicotiana Tabacum By Metabolic Engineering Techniques
Molecular Cloning, Sequencing, Purification And Characterization Of Stem Bromelain From Ananas Comosus.
Enzymatic Devulcanization Of Waste Rubber Products In Preparation To Be Recycled Into Virgin Rubber Batch
Bioprotein Production From Agricultral Waste And Cheaper Carbon Source: Fulfilling The Hope Of Millions.
Applications Of Genomics To Acacia Mangium Plus Trees (Superbulk) And Acacia Hybrid Tree Improvement For Wood Quality.
Bioconversion Of Palm Kernel Cake (Pkc) To Value Added Feed Using Fibrolytic Bacteria And Fungi
Development Of A Biosensor For The Detection Of Saxitoxin In Pyrodinium Bahamense Var Compressum, A Harmful Algae.
Development Of Biosorbents From Sponge Gourd (Luffa Sp) For Applications In Water And Wastewater Treatment
Development Of Expressed Sequence Tags For Gene Discovery, Mapping And Distribution During Fruit Ripening In Pineapples
Searching For Potentially Commercialize Indigenous Fruits With Emphasis On Nutritional Composition, Antioxidant Activity And Anticancer Properties From Sabah Rainforest
Isolation And Characterization Of Collagen From Selected Edible Jellyfish For Pharmaceutical Use
Production Of Polyunsaturated Fatty Acids From Marine Microalgae
Hybridization Between Pangasius Pangasius And Pangasius Hypophthalmus
Novel Asymmetric Superphilic Bio-Separation Membranes For Newest Efficient Protein Lysozyme Purification Process Towards Bio-Pharmaceuticals Utilization And Biotechnology Development
Development Of Human Mimicking Sensory System For Environmental And Agricultural Applications
Process Scale Up Study Of Monoclonal Antibody Production For Medical Diagnostic Kit
Essential Oil Quality And Standards Based On Novel Marker Compounds Isolated And Identified For Aqualaria Malaccensis (Gaharu)
Enhancement Of Lipase Enzyme Activity Through Three Phase Partitioning And Microwave Mediated Immobilization On Nanoparticles Of Hydrophobically Modified Chitosan For Biodiesel Production From Palm Oil.
Land Contamination And Erosion Protection Using Temporary Degradable And Long-Term Non-Degradable Material
Metabolic Control Analysis And Process Engineering Of Ethanol Production From Agricultural Products Using Extractive Fermentation Technology
Digestive Protease From Fish: Isolation, Purification, Characterization And Expression
Development Of A Patentable Strain Of Arthrospira Platensis As A Nutritious Feed For Fish Larvae
Enhancing Reproduction, Growth And Quality Of Bivalves Through Biotechnology For Social Well Being
To Investigate The Therapeutic Effect Of Recombinant Mouse Cytokines In Murine Breast Cancer Model
Developing A Molecular Kit In Detecting Legionella Pneumophila In Clinical And Environmental Samples And The Study Of Oxidative Stress Of Legionella Spp.
Structural And Functional Analysis Of Fibroblast Activating Factor (Faf) From Porphyromonas Gingivalis, A Causative Agent For Destructive Periodontal Diseases
In Situ Expression Of Nifh Genes In Natural Microbial Assemblages Of Malaysian Soil Using Quantitative Pcr
An Investigation Of The Combined Efficacy Of Light Activated Photosensitizing Compounds And Chemotherapeutic Agents On Human Cancer Cell Lines.
Development Of A Brain-Computer Interface System For Control Of Prosthetic Arm And Other Devices.
Optical Sensor For Determination Of Ammonia In Wastewater Leachate And Agriculture Industries
Synthesis And Bioassay Of Peptides And Peptidomimetics For Cosmetics Use
Development Of Encapsulated Technology For Ammonia Degradation Microbes
Coenzyme Q10 From Microbial Strains
Weight Loss Aid For Nutraceutical Applications From Tamarindus Indica L., Garcinia Xanthochymus Hook. F. And Hibiscus Sabdariffa
Increasing The Male To Female Ratio In Nile Tilapia (Oreochromis Niloticus) By Thermal Treatment And Selective Breeding For Sensitivity To The Treatment.
Development Of Pcr Based Diagnostic Kit For The Detection Of Fish Viral Diseases In Cultured Marine Fish
Identification Of Fish Protozoan, Cryptocaryon Irritants Resistant Candidate Gene(S) In Sea Bass (Lates Calcarifer) Fingerlings
Development Of Rapid Immunoassay Test Kit For Nitrofurantoin And Chloramphenicol Antibiotic In Poultry Meat
Development Of Dna Probes For Rapid Detection Of Pathogenic E. Coli O157:H7 In Foods By Real Time Pcr

2006	SCIENCEFUND	Development Of Test Strips Kit For The Rapid Detection Of Citrus Greening Disease
		Development Of Virus Resistant Passion Fruit Varieties By Genetic Engineering: Cloning And Characterization Of Passionfruit Woodiness Virus Genes
		Development Of Transgenic Eksotika Papaya Resistant To Prsv: Transformation Using New Sets Of Gene Constructs.
		Genetic Engineering Of Mt1 Tomato For Fruit Colour Improvement Using Carotenoid Biosynthesis Genes (Ggpps, Psy, Pds, And Zds).
		Gene Expression Analysis Of Host Pathogen Interaction In Papaya Dieback Disease Using Sage Technology
		Expression Profiling Of Ripening-Related Genes In Papaya Using Cdna Microarray
		Identification Of Marker Compounds For Standardization Of Herbal Preparation From Selected Ficus Deltoidea (Mas Cotek) Accessions
		Development Of Sensor Technology For Detection Of Ripeness In Water Melon
		Dna Fingerprinting Of Mardi Papaya Varieties Using Microsatellite Markers
		Enhancement Of Feeding Value Of Fodder And Crop Residue Silages For Ruminants Feeding Using Crop-Specific Bacterial Inoculants
		Incorporation And Evaluation On The Effectiveness Of High Yielding Qtls From Oryza Rufipogon Into Local High Quality Rice
		Development Of Delayed Floral Gene Constructs Of Tectona Grandis For Superior Planting Materials
		Phytochemical And Biological Evaluation Of Piper Muricatum Blume For Standardisation Towards Development Of Health Care Product
		Development Of Dna Barcode Of Neobalanocarpus Heimii (Chengal) As A Tool For Forensics And Chain Of Custody Certification
		Biochemical And Biomechanical Pulping Of Oil Palm Empty Fruit Bunch And Frond Through Solid-State Fermentation With White-Rot Fungus Lentinus Sajor-Caju
		Isolation And Characterization Of Genes Encoding For Lignolytic Enzymes From Selected White-Rot Fungi With Potential For Biopulping
		Exploratory Studies Of Actinomycete Biodiversity Of Frim Forests In Aid Of Drug Discovery
		Development Of Gene-Derived Dna Markers Of Shorea Leprosula Towards Tree Improvement And Conservation Of Dipterocarps
		Evaluating The Effects Of Erythroxylum Cuneatum Forma Cuneatum Kurz (Chinta Mula) In Morphine Addicted Rats.
		Identification Of Anti-Inflammatory Compound(S) From Pristomeris Malayana; A Preliminary Study Towards Drug Development And Commercialisation.
		Mode Of Action Of Anti-Multi-Drug Resistance Staphylococcus Aureus (Mrsa) Study Of Senna Alata Linn By Using Proteomic Approach
		Proteomic Assessments Of Bioactive Constituent From Selected Malaysian Plant Species With Anti- Breast Cancer And Anti-Ovarian Cancer Potentials.
		Elucidation Of Biochemical Mechanism Of Latex Vessel Plugging In Hevea Brasiliensis.
		Enhanced Recombinant Pharmaceutical Production From The Transgenic Hevea By The Use Of Latex-Specific Promoters
		Development of a kit for rapid detection of cocoa (Theobroma cacao) clones resistant to the cocoa pod borer moth (Conopomorpha cramerella)
		Proteomic analysis of seed development in resistant and susceptible cocoa clones
		Endophytic Entomopathogens To Control Cocoa Pod Borer
		Molecular Characterization Of Sago Palm (Metroxylon Sagu) Germplasm For Breeding Of High Yielding Varieties.
		Comparison Of Global Genetic Alterations In Oral Squamous Cell Carcinoma From Different Sites Of The Oral Cavity - A Basis For Future Molecular Targeted Therapy
		A Study Using Single Nucleotide Polymorphisms To Investigate The Association Between Low Penetrance Gene(S), And Risk To Breast Cancer In Malaysian High-Risk Breast Cancer Patients.
		Hot Spot Discovery In Mammalian Expression System: A Platform Technology Development For Increasing Recombinant Protein Production
		Cloning And Direct Evolution Of $\beta$ -Mannanase Gene Of T. Koniigi For Increase Thermostability
Synthesis And Fabrication Of Novel Re123-Based Ceramic Oxygen Sensor Based On Hot Spot Phenomenon		
Characterization Of A Novel Light-Weight Metal Matrix Composite With Nanomaterial Reinforcement		
Development Of Cerate-Zirconate For Application In Intermediate Temperature Protonic Conductors		
Development Of Low Cost Catalysts For Nox Reduction In The Flue Gas From Municipal Solid Waste Incinerators		
Liquefaction Of Low-Rank Malaysian Coals Via Semi-Continuous Solvent-Flow Two-Stage High-Pressure High-Temperature Reactor System.		
Development Of Proton Batteries Based On Cellulose Polymer Electrolytes		
Development Of A Vibrated Fluidized Bed Mixer Cum Drier For Herbal Products In Small And Medium Industries ( Smis)		
Incorporation Of Malaysian Herbal Extracts As An Antioxidant In Cakes		
Development Of Edible Fruit Coating From Palm Stearin		
Development Of A Ceramic Membrane Bioreactor For The Production Of Lactic Acid		
Development Of Nanocomposite Solid Polymer Electrolyte Films		
A Study On Energy (Thermal) Efficient Aquaculture Buildings For Recirculating Tank System.		
Efb Based Roofing Insulation Material And Optimum Roof System For Energy Efficiency In Industrial Buildings In Tropical Climates		

2006	SCIENCEFUND	Design Of Insulin Loaded Polymeric Nanoparticles For Uptake By Intestinal Cells
		Development Of Engineered Built-Up Column Using Betong Bamboo (Dendrocalamus Asper)
		The Effects Of Embedded Magnetic Nanoparticles On The Electrical And Magnetic Properties Of Superconductor Tapes
		Synthesis And Characterization Of Some Novel Energy Storage Materials
		Preparation, Characterizations And Application Of Silicon Quantum Dots Nanoparticles (Sqdn) From Free Standing Porous Silicon
		Development Of Iron Oxide Silica Aerogel Magnetic Nano-Composte Using Silica Rich Natural Sources As Precursors.
		Development Of Superpave Designed Hot Mix Asphalt Under Malaysian Environment
		Development Of Biomaterials For Biomedical Applications
		Fabrication Of Membrane Electrode Assembly (Mea) Using Casting Technique
		High Quality Transparent Zno Films For High Efficiency Solar Cell Application
		Solvolyis And Hydrotreatment Of Biomass To Produce Fuel
		Development Of Design Advisor Software For Fuel Cell System
		Development Of Advanced Photovoltaic Thermal Air Based (Hybrid) Solar Collectors For Simultaneous Production Heat And Electricity
		Development Of Semi-Solid Metal Processing For Automotive Components
		Fatigue Reliability Of Magnesium Alloy Metal Matrix Composites For Lightweight Structural Components
		Development Of A Fatigue Life Characterisation Of Composite Materials Under Spectrum Loadings
		Development Of A Fatigue Data Editing Algorithm For Road Vehicle Loadings In Time-Frequency Domain
		Rolling Contact Fatigue (Rcf) Studies Of Railway Track In Malaysia
		Novel Separation Methods In Biodiesel Production Using Solvent Stable Nanofilters Technology
		Nanomagnetic Thermoplastic Natural Rubber Composites
		Modelling Of Electronic Properties Of Semiconductor Quantum Dots
		Power Quality Remote Monitoring: A Low Cost System Development
		Superconductor-Nanomagnet Hybrid Conductors For Energy Transport Applications
		Catalytic Production Of Levulinic Acid From Renewable Cellulosic Materials And Carbohydrates
		Advanced Power Quality Monitoring Instrument For Real Time Disturbance Recognition And Source Detection
		Development Of Advanced Algorithms And Computational Methods To Enhance Power System Security And Reliability
		Establishment Of Malaysian Anthropometrics Data For The Design And Development Of Safe And Comfortable Driver's Seat For Road Vehicles
		Fabrication And Materials Performance Of Carbon And Natural Silk Laminate Composites For Light Weight Vehicles (Lwv)
		Synthesis Of Sno2 Nanowires For High Sensitivity Gas Sensor
		System-On-Chip For Mems Accelerometers
		Development Of Metal Oxide-Polymer Nanocomposite Thin Films For Volatile Organic Compound Gas Sensor
		Vibro-Acoustics Modeling, Prediction And Development Of Control Systems For Road Transport Vehicles
		Junction Diode Using Metal Oxides Nanowires Thin Films
Development Of Post-Tensioned Lightweight Concrete For Load Bearing Structural Elements.		
Photoacoustic Cell For Investigations Of Solids At Various Temperatures		
Development Of A Continuous Solar-Assisted Dehumidification System For High Quality Dried Lemongrass For Export Market		
Development Of Single Step Renewable Hydrogen Production System From Agrowaste Using Aqueous Phase Reforming (Apr)		
Development Of Thermocouple Mesh System To Measure Three Dimensional Temperature Profile Of Polyolefin Melt Inside Twin Screw Extruder		
Automated Vision Based Fruit Size Grading System		
Development Of Ruthenium-Doped Tris(Dithiolene)Tungstate Photocatalyst For Solar Assisted Photoelectrochemical Cell (Solarpec) For Photolysis Of Water		
Development Of New Binder System For Metal Injection Molding Process Using A Locally Extracted Material		
Electrodeposition And Characterization Of Nanocrystalline Cuprous Oxide (Cu <sub>2</sub> O) Films For Photoelectrochemical Solar Cells.		
Modifications And New Developments Of Carbide Cutting Tool Geometry For Machining Cast Iron		
Fault Diagnosis And Isolation Of Smart Engine Mounting System For Automotive Applications		

2006	SCIENCEFUND	Rubber Toughened Polyester Kenaf Fiber Composite
		Carbon Based Composite Electrode From Pre-Carbonized Oil Palm Empty Fruit Bunches For Electrochemical Supercapacitors
		Green Envelope And Breathing Construction Materials
		Statistical Analysis For Prediction And Optimization Of Strength And Slump Of High Performance Concrete
		Superheated Steam Drying Of Oil Palm Frond Chips In A Vibrating Fluidized Bed Dryer
		Mapping The Faulty Behaviors Of Defective Rf Mems Filter For Self-Testable Design
		Development Of A Compact Instrument For Long-Term Fetal Heart Rate Monitoring
		Development Of Chemical And Biochemical Sensors For Capsaicin (Chilli Hotness) Quantification
		Bulk-Metallic Glasses And Its Applications: Constitutive Modeling, Finite Element Analysis And Experimental Investigation
		Degradable Biocements Based Nano Hydroxyapatite / Alginate-Gel Protein For Bone Healing.
		Development Of Novel Beta Titanium Alloys For Biomaterials
		Development Of Novel Dual-Phase Steel For Automotive Body Via Substitutional Solid-Solution Mechanism
		Study Of Long Spanning Profiled Steel Sheet Dry Board (Pssdb) Floor Subject To Lateral Loading
		Development Of Humid-Sensitive Nanometal Oxides Thin Film By Thermal Evaporation Method
		Nonionic Surfactants From Palm Oil Derivatives
		Fugacity Dynamic Multi-Compartmental Mass Balance Model Of Persistent Organic Pollutants
		Development Of High Frequency Vibro-Acoustic Sensor System For Automotive Engine Performance Monitoring
		Automated Weigh-In-Motion Systems For Data-Collection And Enforcement
		Development Of Vision Based Automated Driver System For Intelligent Navigation System
		Hardware In-The-Loop Simulation For Control System Designs Of Mini Scale Rotorcraft
		Improvement Of Peat And Clay Soils For Construction Industry.
		Development Of A Multi-Feature Recognition System For Autonomous Mobile Robot
		Innovative Asphalt Pavement Using Palm Oil Fiber
		Development Of Aerated And Non-Aerated Power Cohesion Measurement Methods.
		Development Of High Performance And Durable Rice Husk Ash Concrete
		Utilization Of Incinerator Ash As Construction Material
		Steel Connections Behaviour Under Fire Loading
		Investigation On Ultimate Behavior Of Steel And Steel- Concrete Structural Shell Systems For Enclosing Large Spaces , Numerical And Experimental Analysis
		Development Of A Robotic Drilling System With Haptic Interface
		Investigation Into Minimal Cutting Fluid Application Technique In High Speed Milling Operation
Development Of A Quantitative Assessment System For Mental And Upper Limb Muscle Fatigue On Repetitive Task Load In Manufacturing Industries		
The Development And Fabrication Of Miniature Heat Exchangers		

2006	SCIENCEFUND	Development Of Engineering Automated Rapid Maxillary Expander For Dento-Facial Applications.
		Organic Solar Cells
		Development Of Novel Nanocatalysts For Environmental Pollution Protection And Bio-Medical Applications
		Generation Of Pulsed Plasma Streams And Particle Beams For Applications In Nano Scaled Material Surface Modification
		Production Of Palm Biodiesel From Rbd Palm Oil Using Continuous Membrane Reactor
		Electrodeposition Of Semiconductor Thin Films For Device Applications.
		Molecular Rationalization Of The Stability Of Glycolipid Bilayers
		Behavior Of High Performance Reinforced Concrete Beams For Repeated Loads And Fatigue.
		Development Of Novel H <sub>2</sub> s And Co <sub>2</sub> 'Molecular Basket' Adsorbent Materials From Palm Shell For Natural And Biogas Purification
		The Use Of Zircon (Zr <sub>5</sub> Si <sub>4</sub> ) Matrix To Immobilize Radioactive Materials And Wastes
		Cathode Materials For Lithium Ion Batteries
		Develop An Injectable, Biocompatible And In-Situ Crosslinkable Bone Fracture Cement
		Preparation And Fabrication Of Resonant Cavity Organic Light Emitting Diode (Rc-Oled) Containing Small Molecules Of Tris (8-Hydroxyquinoline Aluminum), Alq <sub>3</sub> For Colour Generation And Visual Displays.
		Programmable High Efficiency Permanent Magnet Linear Electrical Motor For Linear Piston Pump Application
		Novel And Sustainable Construction System For Flood Control Using Neuro-Fuzzy Logic.
		Studies On Palm Oil Biomass Properties And Energy Data For Combustion Enhancement In Boilers
		Design And Development Of Inverter Drive System For Air-Conditioners Driven By High-Energy Efficiency Interior Permanent Magnet (Ipm) Motor
		Manufacturing Of Advanced Bioreactor For Mechanical Cell Conditioning
		Energy Efficient Nano Coating To Control Solar Radiation Through The Glasses Of Building Windows
		The Use Of A Hphx System For Reducing Energy Consumption Of Treating Ventilation Air In Hospitals Located In Tropical Climates
		High Power Converter For The Realization Of Facts Controllers
		Development Of A Polymer Composite With Improved Crack Resistance For Dental Restoration Applications
		Development Of Palm Oil Based Dental Polymers.
		Synthesis And Reactivity Studies Of Organotransition Metal Cluster Complexes With Potential Catalytic Properties.
		Fabrication Of High Temperature Superconducting Multilayer Josephson Junctions For The Development Of Superconducting Quantum Interference Devices(Squids)
		Study Of Novel Nanoscale Multiferroic Materials Via Magnetic And Electrical Properties Manipulation
		Production Of Antioxidant Nutraceuticals From By-Products Of Pink Guava Puree Industry
		Delivery Of Therapeutic Peptides Into Human Liver Cells Using Virus-Like Nanoparticles
		Proton Exchange Membranes Of Sulfonated Inorganic Polymer/Metal Oxide Nanocomposites For Direct Methanol Fuel Cell (Dmfc) Applications
		The Effect Of Nano-Sized Starting Powders On The Physico-Chemical Properties Of The Superconducting Ceramics Prepared Via Coprecipitation Method.
		Development Of A New Microwave Extraction And Separation Systems For Production Of Essential Oil, Virgin Oil And Oil Recovery.
		Synthesis And Characterization Of Metal Complexes And Schiff Bases Derived From Natural Dyes (Eg. Curcumin And Lawsone).
		Fabrication Of Multilayers Manganite Thin Films Having Lfmr Effect Using Pulsed Laser Ablation Technique
		Preparation Of Rare-Earth Exchanged Zeolite For Sorption Removal Of Hazardous Anions
		Synthesis Of Multifunctional Nanoparticles Using Biomaterials As Shape Directing Agents
		Anisotropic Catalysts As The Driving Force For The Growth Of Vertically Aligned Carbon Nanotubes
		Development Of A Pda-Based Microwave Sensor For Non-Destructive Determination Of Moisture Content In Grains And Seeds
		Development Of Microarray, Based On Novel Nanotransducers For Metal Ion Sensors, Exploiting Amino Acids And Peptides As Recognition Elements
		Biocomposites From Biodegradable Polymers And Modified Oil Palm Empty Fruit Bunch Fiber

		Fabrication Of Molecular Imprinted Polymer (Mip) For Waste Water Treatment
		Synthesis And Characterization Of Bismuth-Based Oxide Ion Conductors As New Sensor Materials
		Economics And Strategic Management Evaluation Of Global Agribusiness Competitiveness: The Case Of Malaysian Halal Hub Aspirations
		Preparation And Characterization Of Fatty Hydrazide Acids From Palm Oil
		Novel Microstructures And Reactivity Of Vanadium Phosphate Catalysts For Partial Oxidation Of Light Hydrocarbons
		Enhancing The Properties Of Selected Recycle Paper Products Through Blending With Kenaf (Hibiscus Cannabinus) Fibre.
		Development Of An Alternative Bone Graft For Used In Bone Repair
		Environmental Evaluation Of Biofuels: A Comparative Study Of Conventional Fossil Fuel Diesel And Palm Oil Base Biodiesel Using Life Cycle Assessment Approach
2006	SCIENCEFUND	Preparation And Characterization Of Zinc Oxide Nanoparticle As Photocatalyst
		Synthesis Of Layered Organic-Inorganic Nanohybrid Materials: Organic Dye, Aluminon Intercalated Into Layered Double Hydroxide
		Development Of A.I.-Based Machining Parameter Prediction Device With Machine Performance Degradation For Turning Process
		Development Of Bio-Ethanol From Wood Waste And Oil Palm Lignocellulosic Materials Use As Engine's Fuel
		Synthesis, Characterization And Applications Of Palm Based Ether (Fatty Alcohol Ethoxylates) Surfactants In Personal Care
		Characterization Of Thermal Properties For Biodiesels And Biodiesel-Petrodiesel Blends Using New Photothermal Technique
		Electrochemical Studies Of Cuprate And Magnesium Diboride Superconducting Materials
		Development Of Oil Palm Carbon-Based Supercapacitors For Energy Storage
		Preparation Of High Efficient Oled From Metal Chalcogenides And Polythiophene Derivatives For Display Applications
		Design And Development Of A Multiple-Input Single-Output Space-Time-Frequency Coded-Ofdm Modem For Broadband Communications
		Simulation Of Fatigue Crack Propagation Of 2024-T351 Aluminium Aircraft Friction Stir Welded Joints
		Low Loss Micromachined Microwave Transmission Line And Filters For Rf Mems Application
		Development Of A Moldable And Non-Extruding Polyurethane Roofing Materials Using Palm Oil Based Eutectic Phase Change Materials As Thermal Energy Storage
		Development Of Low Pressure Compression Moulding Method For Multi-Layered Heat Insulator Laminated Hybrid Biocomposite
		Development Of An Integrated Cad And Failure Mode And Effects Analysis System For Mechanical Components
		Detoxification Of Water And Removal Of Pollutants In Hazardous Effluent By Oscillatory Flow Mixing
		Gasification Of Agro-Waste To Produce Bio-Fuel.
		Evaluation Of Organizational Capabilities For New Technology Implementation In Small And Medium Scale Manufacturing Enterprises
		Renewable Energy Production From Agro-Industry Biomass Using Microwave Technology
		Susceptor Packaging Material For Differential Heating In Microwave With Special Application For Microwave Reheating Of Frozen Foods
		Design And Development Of Experimental And Numerical Simulation Models Of Motorcycle Crashes
		Ion Dynamics And Transport In Chalcogenide Ge-Se-Ag Glass System
		The Design, Analysis, Fabrication And Flight Testing Of A Fixed Wing Unmanned Aerial Vehicle (Uav) For Deep Sea Fish School Spotting
		Design And Development Of A Prototype Variable Frequency Ohmic Heating Unit For Beverages
		Development Of Bio Mastic Fatigue Resistant Asphalt For Road Mixtures
		Electron Beam Irradiated Thermal Resistance Polyurethane-Clay Nanocomposited Polyol
		Efficiency And Productivity Of Malaysian Seaports
		International Competitiveness Of The Malaysian Manufacturing Industries
		Post-Buckling Analysis Of Hybrid Composite Laminated Fuselage Structures.
		Studies On Mo-V-O Based Mixed Oxide Catalysts Synthesised By Reflux Method
		Isolation And Characterization Of Tannin From Acacia Mangium Tree Bark For Wood Adhesive



		Floating Catalyst Carbon Nanotube Synthesis In Fluidized Bed And Characterizations
		A Problem Solution For The Night Cooling In Solar Water Heaters By Using Thermal Stratification
		Development Of A New Material For Municipal Solid Waste Leachate Treatment -Case Study At Pulau Burung Landfill.
		The Production Of Thermoplastic-Kenaf Composites With Enhanced Mechanical Property Through Incorporation Of Nanofiller
		Automated Methods For The Determination Of Palm Oil Quality Parameters
		Reinforcement Of Natural Rubber Latex Films By Soya Proteins.
		Silica From Rice Husk By Solvent Extraction - Transition Metal Modification And Mechanistic Investigation As A Heterogeneous Catalyst For Organic Reactions
		Synthesis And Characterization Of Novel Electroluminescent Transition Metal Complexes As Active Light Emitter Materials In Electronic Display Devices
		Studies On Freezing Point Depression Of Palm Oil By Using Natural Blenders For The Enhancement Of Its Market Acceptability
		Ni-Sno2 Nanoparticles : Synthesis, Characterization, Hydrogenation Activity On Alkenes And Theoretical Study
		Physical, Mechanical And Thermal Fundamental Studies Of Main Commodity Plant Wastes Fibres
		Separation And Characterization Of Vanillin From Soda Lignin Extracted From Black Liquor Of Oil Palm Empty Fruit Bunch.
		Synthesis, Characterization And Evaluation Of Symmetry And Non-Symmetry Liquid Crystals (Lcs) With Ferroelectric And Antiferroelectric Properties For Lcd
		Supercritical Carbon Dioxide Extraction And Regeneration Of Spent Bleaching Clays
		Development Of Semiconductor Based Photocatalytic Gas Sensor For Detection Of Hazardous Volatile Organic Compounds (Vocs)
		Study On The Characteristics Of Various Types Of Adhesives For The Development Of Oil Palm Veneer As Lamination Products
		The Production Of High Quality Pulps And Papers By Using Environmentally Compatible Chlorine-Free Bleaching Sequences
		Development Of Silicon Dioxide (Sio2) Gate On Single-Crystal Silicon Carbide (Sic)-Based Switching Device For High-Power And High-Temperature Applications.
		Development Of Efficient Nonlinear Model-Based Control Strategy For Batch Reactors: A Case Study On Esterification Of Citronellyl Laurate Via Immobilized Lipase
		Production Of Precipitated Calcium Carbonate (Pcc) With Various Morphology And Characteristic Using Local Limestone-Based Materials Via Continuous Production Technique.
		Development Of An Automatic Real-Time Intelligent Aggregate Classification System Based On Image Processing And Neural Networks
		Ti-Al Alloys Development : Effect Of Alloying Elements And Surface Treatment On The High-Temperature Oxidation Behavior.
		Development Of Natural Rubber Foam And Characterisation Of Its Structure-Properties Relationship For Sound Proofing And Shock Absorbing Applications
		A Study On The Use Of Dissolved Air Flotation Process For The Treatment Of Leachate From Landfill Site.
		The Development Of A Composite Adsorption/Membrane Unit For Separation Of Impurities In Gases Using Hydrotalcites
		Design And Development Of A Computerised Integrated Manufacturing Planning System On The Basis Of Machine Factor For The Semiconductor Industries
		Investigation On The Suitability Of Biomass Component Of Cerbera Odollam As Bio Preservatives For Wood And Wood Based Composites
		Development Of Integrated Cad/Cam System For Cold Forging Die Design Process
		Development Of An Automatic Variable Focus Fluid Lens System
		Synthesis, Characterization, And Testing Of Manganese Oxide/Carbon Nanotube Nanocomposites As Supercapacitor Materials
		The Development Of Tilt Measuring Device Using Mems Accelerometer
		Formation Of Crosslinked Polyolefins Foam By Using Waste Polymer And Agricultural Waste
		Development Of Multiple Input Multiple Output (Mimo) Wireless Testbed
		Development Of A Portable Generic Intelligent System For Flow Measurement Using Electrical Capacitance Tomography Sensor
		Development Of Hydroxyapatite Filled Poly(Methyl Methacrylate) Dental Materials With High Mechanical Performance, Enhanced Environmental Stability And Radio Opacity Behavior
		Development Of Catalytic Zeolite Membrane For Simultaneous Conversion And Separation Of Para-Xylene From Xylene Isomers
		Utilization Of Recycled Materials For The Production Of Wood-Plastic Composites Intended For Outdoor Applications
		Production Of Biodiesel Fuel From Palm Oil Via Non-Catalytic Supercritical Alcohol Transesterification
		Utilization Of Paper Sludge As Filler In Thermoplastic Elastomer Composites (Tpec)
2006	SCIENCEFUND	Structural Investigation Of Molecular-Based Opto-Electronic Materials From Porphyrin Chromophores
		Impact Study Of Renewable Energy (Re) And Energy Efficiency (Ee) In Secondary Schools
		Development Of Ultrasonic-Assisted Solid Base Catalyzed Process For The Production Of High Quality Monoglycerides Through Transesterification Of Glycerol And Fatty Acid Methyl Esters
		Enhancing Small Medium Industries (Smi) Agenda On Energy Efficiency (Ee) And Renewable Energy (Re)
		A Study On The Biological Efficacy Of Synthetic Bone Scaffold Enhanced With Plasma Rich Growth Factors In Vitro And In Vivo

		Development Of High Performance Composite Materials From Semi Amorphous Hybrid Minerals Fillers From Local Resources For Automotive Industry.
		Design Of A 6 Degree Of Freedom (6dof) Motion Base For Vehicle Driving Simulator
		Development Of New Nonlinear Robust Controller For Stabilization Of Active Magnetic Bearing System
		Design And Development Of A Magnetorheological Shock Absorber For Automotive Applications
		Generation Of Bioelectrochemical Energy From The Degradation Of Cellulose In Agriculture Wastes
		Development Of A Converter To Interface Ultra-Capacitor Energy Storage To An Alternate Energy Resource
		Harnessing Cooling Effects From A Portable Thermoacoustic Refrigeration
		Laboratory Scale For Acid Catalyzed Transformation Of Petrol-Fuel To Clean Fuels
		An Intelligent Ant Colony Algorithm For Optimising Facility Layout
		Mms : Mobile Monitoring System Using Electrical Capacitance Tomography (Ect)
		Development Of A Two-Link Flexible Robot Manipulator With Input Shaping Control Schemes
		Development Of Ultrasonic Tomography For Composition Determination Of Water And Oil Flow
		Development Of A Novel Compaction Extrusion Method For The Production Of High Performance Transparent Polyglass Sheets For High Rise Buildings
		Theoretical And Experimental Study On The Effect Of The Turbulence Production On The Mixing In A Tubular Combustor Of A Micro-Gas Turbine
		A New Technique For Predicting Damage In Advanced Interconnect Materials For Microelectronic Applications
		Performance Characterization Of Advanced Alloys For High-Temperature Recuperators Applications In Improved Efficiency Microturbines
		Development Of Low Density Polyethylene/Sago Based Biofilm Via Blow Film Molding Technique
		Performance Evaluation Of Advanced Finish Sanding On Wood Surface
		Surfactant Modified Synthetic Zeolites As Drug Support System
		Kinetic And Stability Study Of Synthetic Pyretrins Isolated In Inert Matrices And Cationic Nano High Surface Area Metal Oxides.
		Development Of Novel Natural Rubber Latex Based Membranes Using Interpenetrating Polymer Network (Ipn) For The Separation Of Azeotropic Mtbe/Methanol Mixtures
		The Development Of Nanoelectronic Devices Using Tcad (Technology Computer Aided Design) Tools
		Development Of Photoluminescent Material Based On Silicate Glass Matrix For Display Applications
		Development Of Cost Effective And Environmentally Friendly Solid Fuels From Plastics Waste
		Development Of Mixed Matrix Polymer Electrolyte Membranes For Proton Exchange Membrane Fuel Cell (Pemfc)
		Development Of Third Generation High Performance Hybrid Membrane For Effective Removal Of Greenhouse Gas From Hydrocarbon Mixtures.
		Development Of Novel Activated-Mdea Hollow Fiber Membrane Contactor For Co2 From Natural Gas Removal
		New Concept Of Construction Method For Foundations System Using Cold-Formed Steel Section.
		Applications Of Adaptive Model Predictive Control For Petroleum Refining Process
		Development Of Transmission Usage Allocation Scheme For Deregulated Power Systems
		Normal Incidence Sound Absorption Coefficient Of Direct Piercing Carved Wood Panels (Dpcwp) With Geometric Pattern
		Design And Development Of A Microcontroller System For Automatic Continuously Variable Transmission
		Preparation And Characterization Of Rare Earth Organometallic Materials For Solar Cells
		Development Of Marine Current Energy Extraction System
		Thermoelectric Generator (Teg) From Automotive Exhaust Gases Waste Heat
		Modeling And Analysis Of Distribution Networks Connected To Waste-Heat Recovery Co-Generators
		Production Of Pure Multi-Walled Carbon Nanotubes (Mwnts) By Using Catalytic Chemical Vapour Deposition (Cvd) System For Hydrogen Storage
		Development Of A Remote Lightning Mapping System Utilising Existing Overhead Telecommunication Cable
		Power Electronics Converter Control Based On Fuzzy Logic (Fl)
		Polymer Coated Hollow Fibre Membrane Microextraction System
		Zeolites As Matrix For Protein Purification
		High Performance Blended Membranes Using A Novel Preparation Technique
2006	SCIENCEFUND	Novel Sol-Gel Crown Ether Coating Material For Solid Phase Microextraction Of Organophosphorus Pesticides
		A Functionalized Nanostructure Biomaterial For Improved Separation In Food Processing

	Preparation And Characterization Of Nano Metal Oxides For Solar Cells
	Development Of Natural Rubber Toughened Polyolefin Based Nanocomposites Using Locally Developed Montmorillonite
	Biomimetic Nanostructured Catalysts Based On Metalloporphyrin Dendrimers Immobilized Within Mesoporous Materials
	Development Of Fuzzy Techniques For Forecasting Electricity Load Demand
	Implementation Of Workpiece Preheating To Control Chatter And Improve Machinability During End-Milling Of Titanium Alloy Ti-6al-4v
	Enhancement Of Machinability Of Hardened Steels In End Milling Using Advanced Cutting Methods And Tools
	Hybrid Process Of Low Temperature Nitriding-Carburising For Austenitic Stainless Steels
	Development Of Bioactive Porous Ceramic Microcarriers For Animal Cell Proliferation
	Development Of Rechargeable Zinc-Air Batteries Employing Gelled Electrolyte
	Fuzzy-Based Nctf Controller For High Precision Ptp Positioning Systems
	Development And Prototyping Of Intelligent Gantry Crane
	Development Of Environmental Friendly Super Bioadhesive For Structural Applications Using Egg Albumin As The Matrix Material
	Development Of Ultrasonic Technology To Extract Carrageenan From Seaweeds And Online Estimation
	Lignin And Cellulose Wood For Polymetric Electrolyte
	Improved Synthesis Of Poly(Hydroxamic Acid)-Poly(Amidoxime) Resin As Effective Chelator For Toxic Metals Removal From Aqueous Media
	Production Of Biodiesel From Encapsulated Lipase In Immobilized Bioreactor
	Development Of Advanced Artificial Clay (Ceramic) Membrane
	The Development Of Compact Pem Electrolyzer Unit For Renewable Hydrogen Production
	Lean Construction Management (Lcm)
	Development Of Classification Model For Purpose Built Offices In Malaysia
	Study On Thermal Comfort And Productivity
	Design Of New Cutting Tool Geometry For High Speed Drilling Of Titanium Alloy
	Development Of High Speed Multiple Sensor Weigh In Motion System
	Development Of A Mode-Stirred Chamber As A Low-Cost Facility For Electromagnetic Compatibility Measurements
	Development Of Modular And Real-Time Manufacturing Machine Control Software Systems
	A 0.35 Micron 16-Bit Pipeline Analog-To-Digital Ic Converter For Biomedical Application
	Development Of New Distribution Automation System And Remote Metering System
	Thermochemical Conversion Of Biomass To Synthetic Gasoline
	Fabrication Of Hybrid Electronic Tongue For Water Quality Monitoring In Aquaculture Industry Based On Sensor Arrays And Pattern Recognition
	Development Of Superior Grade Gaharu Extract Via Enzymatic Intensification Steam Distillation Process
	In-Situ Multiple Parameter Monitoring And Measurement System For Liquid Hydrocarbon Using Fiber Optic Sensor
	Device Applications Of Diamond-Like Carbon Film
	Multivariable Identification Of Thermal Systems
	Quantum Image Processor (Qip) – An Embedded Design Humanoid Brain
	The Dynamics Of The Technology Transfer Process: A Study Of The Multimedia Super Corridor (Msc) Flagships.
	Development Of Bio-Degradable Nanocomposite Lithium Sulfur Battery
	Scanning Uv Surface Voltage Technque : A New Approach For The Study Of Defects In Insulating Materials And Nanostructures.
	Preparation And Analysis Of Magnetic Fept Films For Ultra High Density Storage Media
	Synthesis And Characterisation Of Monodisperse Magnetic Nanoparticles
	Design And Fabrication Of Iii-V Inp Based Quantum-Well(Qw) Laser.
	Design And Development Of Single-Phase Voltage Sag Mitigator.(Dynamic Voltage Restorer)
	Intelligent Nonlinear Calibration Method Of Robot Tool Center Point (TcP) And Part Positioning Method With Laser Line Scanner
	Development Of High Efficiency Ni-Cu/Tio2-Sio2 Photocatalyst For Solar-Generation Of Hydrogen And Oxygenates.
	Development Of A Soft Sensor For Inferential Control Of Fatty Acid Concentration In Palm Oil Fractionation Plant

2006	SCIENCEFUND	Development Of Hydrogen Sensor Based On Titania Nanotubes For Medical Applications.
		Development Of Inherent Safety Software For Process Plant Design
		Design And Implementation Of Switching And Commutation Strategies For Linear Motor
		Development Of Vibration-Based Micro Power Generator For Wireless Applications
		An Experimental And Numerical Investigation Of The Pumping Effect In Rotating Orifices To Prevent Non-Contact Seal Leakage
		An Improved High Strength Alumina-Based Structural Ceramics For Industrial Applications
		Development Of Nanoporous Solid Acid Catalyst From Waste Materials For Oil Industries
		Fabry-Perot Interferometric Optical Pressure Sensor For Turbo-Machinery Application
		Development Of Electricity Generation System For Marine Current Energy Extraction In Malaysia.
		Solving Technical Issues Of Integrating Embedded Generators With Renewable Energy Sources In A Distribution Network.
		Development Of Composite Floor Using Local Industrial Wastes
		Fabrication Of Bi-2212/Nano-Mgo Bulk Superconductor Elements For Applications In Power System
		Micro Hydro Potentials In Malaysia
		Development Of Stormwater Gross Pollutant Traps (Gpt's) Decision Support System For River Rehabilitation
		Modeling And Simulation Of Resin Transfer Molding (Rtm) Process
		Microstructure And Mechanical Properties Of Squeeze Cast A356 Al-Si Alloy Inoculated With Tic.
		Investigating The Potential Of Harnessing Ocean Energy In Malaysia For Electricity Generation Using Simulation Approach
		Investigation Of Silicon Nanocrystals: Synthesis, Structural And Properties Characterisations
		Two-Stage Heat Pump Drying Of Malaysian Fruits
		Hybrid Pseudocapacitors Based On Nanoscale Materials For Pulse Applications
		Development And The Effects Of Radiation On Microbial Fuel Cell In Generating Bioenergy From Agricultural Wastewater
		Preparation Of Natural Rubber Based Nano-Sized Materials Using Sol-Gel Technique
		Development Of Natural Rubber/Polypropylene/Clay Nanocomposite For Automotive Application
		Development Of Low Thermal Expansion Glaze For Anorthite Ceramic
		Development Of Stainless Steel 316L Parts Using Powder Injection Molding Technique For Orthopaedic And Orthodontic Application
Development Of Porous Carbonated Apatite For Possible Biomedical Purposes		
Development And Fabrication Of Apatite-Coated Metallic Implants For Fracture Fixation In Orthopedic And Maxillofacial Applications		
Development Of Nano Structured Lithium Manganese Based Cathode Materials For High Power Energy Storage And Devices		
Development Of Sintered Harmetal Alloy From Sub-Micron Powder Particle For Mechanical Seal And Wear Resistant Application Through Powder Metallurgy Routes		
Development Of Ceramic Based Artificial Coral Material For Application As Fish Aggregating Device (Fad)		
Development Of Techniques For Design And Fabrication Of Patient Specific Medical Implants Using Cad/Cam		
Development Of Nanoceramic Photocatalyst For Reduction Of Bod From Palm Oil Mill Effluent		
Techniques For Design And Development Of Products Related To Craniofacial (Head) For Malaysian Population		
Synthesis And Development Of Novel Nanomaterials For Enhancement Of Photocatalytic Activity For Destruction Of Organic And Inorganic Toxic Contaminants In Air		
Development Of Metal Injection Moulding (Mim) Feedstock Formulation Using Palm Stearin Based Biopolymers Binder For High Performance Applications		
Developing An Imaging Spectrometer Technique For Investigating Reversible Photodimerization Of Optically Active Photochromic Dyes		
Development Of Novel Single Layer Polyethylene Barrier Film Using Nanoclay Impregnation		
Development Of High Performance Anisotropic Ndfeb Magnet By Die-Upset Forging.		
Design And Fabrication Of Step Index Plastic Optical Fiber (Si_Pof) Preform Using Co-Extrusion Technique For Optical Applications		
Formulation And Development Of Modified Phenolic Resin With Polyvinyl Butyral For High Impact Composite Applications		
Development Of Natural Rubber-Based Protonic Membrane For Fuel Cell Technology And The Fuel Cell Utilized The Membrane		
Fabrication Of Thin Microporous Layer By Electrophoretic Deposition (Epd) For Gas Separation Membrane		
Development Of Lowland Cabbage And Cauliflower Production Using The Fertigation Technique Under Protective Structures For High Yield And Quality Produce.		

2006	SCIENCEFUND	Development Of Exterior Grade Plybamboo
		Suitability Of Laminated Oil Palm Veneer Lumber (Lopvl) As Raw Materials Fortimber-Based Products
		Development Of Eco-Friendly Rubberwood Furniture Dimensional Stocks, With Minimum Preservative Requirement, Using High Heat Treatment Technique
		Zinc Borate And Epoxy Resin Treatments To Increase Durability Of Wood Composites From Acacia Hybrid And Oil Palm Empty Fruit Bunches
		Development Of Fibreglass Reinforced Wood Veneer Moulded Products.
		Development Of Wood Polymer Composite With Enhanced Properties From Modified Acacia Mangium And Oil Palm Fibres
		Development Of Low Density Particleboard Using Kenaf Core
		Development Of Smart Automotive Mounting System
		Computer Aided Engineering Design Of Rubber Components
		Rubber/Clay Nanocomposites For Improved Product Lifetime
		Optimization Of Chemical Dispersions For Latex Product Formulary Studies
		Environmentally Friendly And Nitrosamine-Free Latex Preservative System
		Minimizing Chemical Hazards, Cytotoxicity And Genotoxicity Of Rubber Chemicals And Natural Rubber Latex Products
		Development Of Sucrose-Free Chocolate Using Polyols
		The Use Of Solid Particle Aerosol Dopants For Fabricating Optical Fiber Preform In The Modified Chemical Vapor Deposition Technique.
		Study Of Daylighting And Building Performance Of Atria Buildings In Malaysia
		Development Of A Principal Approach For The Transverse Strength Of A Semi-Swath Vessel
		Development Of Non-Destructive Geotechnical Characterization Of Weak Rock In Tropical Climate
		The Study Of Physical And Bio-Chemical Pollutant Transport In Urban Drainage Network.
		Development Of An Intelligent Flood Warning System And Inundation Model For Selected Catchment In Peninsular Malaysia
		Development Of Corrosion Inhibitors Using Schiff Base Compounds
		Development Of Natural Rubber Nanocomposites Via Sol-Gel Technique
		Daya Saing Pekerja Dalam Sektor Perkhidmatan Di Malaysia
		Pengalaman Awal Dan Kesihatan Mental Pelacur Di Malaysia
		Development Of Coating Composite For Microwave Absorption
		Effects Of Temperature-Dependent Viscosity On Stability Of Fluid Layers In Microgravity Environment
		Implementation Of Full-Potential-Linear Augemented-Plane-Wave (Fp-Lapw) Computation And Ensemble Monte Carlo Method For Quantum Structures
		Marine Transboundary Pollution Is A National Security Issue
		Radiological Risk Assessment Of Naturally Occuring Radioactive Materials (Norm) In Malaysia's Building Materials
		Development Of Low Cost Aero-Platform For Airborne Testing Of Avionics System
		Terrestrial Radiation Isodose Map Of The States Of Perak, Kedah And Perlis, Malaysia
A Study Of Contaminants Migration In Soils Using Geotechnical Centrifuge Physical Modelling.		
Development Of Advanced Pulse Jet Heating System For Aerospace Applications		
Biodiversity And Ecology Of Invertebrate Fauna Associated With Seagrass Beds At Pulau Tinggi, Mersing, Johor And Adjacent Waters		
Beta-Transformations And Chaos-Based Cryptography		
Innovative Identification Of Soniferous Fishes Spawning Habitat Using Passive Hydroacoustic Technique		
Development Of A Continuous Deacidification Process For The Deodorization Of Noni Extract.		
Modelling And Determination Of Ionospheric Effects On Gns Measurements		
Tracing Anthropogenic Contamination In The Malaysian Estuarine And Marine Environment Using Sewage Derived Sterols.		
Media Literacy: Access And Interpreting Of Media Messages Among Malaysian Secondary School Students		
Toxicity Of Heavy Metals And The Development Of Permissible Standards For Freshwater Ecosystem		
Eco-Hydrology For Sustaining Ecotourism In Tasik Chini Watershed.		
Modeling Local Urban Sustainability		

2006	SCIENCEFUND	Imaging Subsurface Contaminants Of Hydrocarbon-Contaminated Sites
		Modeling And Detecting Influential Observations In Bilinear Models With The Application On Environmental Data
		Environmental Degradation And Landscape Conservation Approaches For Biodiversity
		Biogeographic Analysis Of Marine Macrophytes Using Geographic Information Systems (Gis)
		Study On Seawater Intrusion And Evolution Of Protection Strategies For Coastal Erosion
		A Non-Thermal Plasma Source: Design, Characterization And Bio-Application
		A Study On The Carbon-Sulphur-Nitrogen Fluxes During Experimental Burning Of Tropical Biomass
		The Search For New Tin And Related Mineral Resources
		Reconstruction Of Paleoclimate In Malaysia And Its Surrounding From Late Pleistocene To Present: Speleothem, Karst Landscape And Cave Waters From The Peninsula
		Investigating Bacteria Mediated Carbon Fluxes In Tropical Coastal Waters
		1.4 Ghz Hydrogen Line Radio Astronomical Survey
		Capillary Discharge Soft X-Ray Laser
		Heuristic And Metaheuristic For Non-Oriented Two-Dimensional Rectangular Single Bin Size Bin Packing Problem With Due Dates
		Dynamic Scaling Based Preconditioning For Truncated Newton Methods In Large Scale Unconstrained Optimization
		Determination Of Persistent Organic Pollutants (Pops) In Malaysian Sedimentary Environments And Development Of Sediment Quality Criteria (Sqc) For Hydrocarbons For Coastal Waters
		Thermal Phonon Behavior In Non-Metal Solids At Low Temperatures
		Development Of Airbone-Based Ground Penetrating Radar System For Soil Moisture Mapping Of Agricultural Fields
		Classification Problems Of Finite Dimensional Loday Algebras
		Survival Data Mining For Predicting Customer Churns And Fraud Detection In Telecommunications Industry
		Intellectual Capital (Ic) Management: Identifying, Measuring And Reporting Of Intellectual Capital
		Preparation And Characterization Of New Series Of Banana- And Discotic Liquid Crystal Compounds
		The Environmental And Economic Impact Of Sfm Practices On The Growth Of Malaysian Wood-Based Industry
		Market Study On The Supply Chain Management Of The Malaysian Meat Based Industries
		Scattering States And Geodesics On Simple Punctured Surfaces And Hyperbolic Orbifolds
		Testing The Adaptability Of Gbtool For Assessing The Sustainable Performance Of Commercial Buildings In Malaysia
		An Econometric Appraisal Of Single Currency Models On Asian Countries
		The Social Costs And Benefits Of Peatland Cultivation Towards Sustainable Agricultural Development
		Financial Development, Poverty And Human Capital In Malaysia
		Off-Farm Employment And Structure Of Farm Household Labor Force In Granary Areas
		Developing Professional Teacher Learning For Educational Change
		Assessing Consumers' Purchasing Behavior Toward Local Agricultural Products
		The Psychological Well-Being And Academic Achievement Of Early Adolescent Orphans From Widow Families
		Family-Friendly Employment Policies: A Comparative Study In Public And Private Organizations
Exposure Assessment Of Mercury And Methyl Mercury In Fish		
Exchange Rate, Monetary Fundamentals And Development Strategies For The Asean Countries		
Capital Mobility And Saving-Investment Correlation: The Experience Of Southeast Asian Economies		
Multi-Dimensional Evaluation Of Coastal Areas For Sustainable Development; Using Gis		
National Ethos And Media Use Of 15-25 Years At-Risk Youth: Implication On Nation Building		
Family Communication And Use Of Computer Among Malaysian Farm Families		

2006

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The Development Of The Mediated Employer-Employee Language Profile (Melp) As A Mechanism To Benchmark English Language Needs Of The Malaysian Service Sector Industry
Management Communication Practices And Language Use In Agricultural Based And Agriculture Related Malaysian Multinational Corporations (MnCs)
Economic Analysis Of Beekeeping Project In Malaysia: The Case Of Apis Millifera
Theoretical And Empirical Studies To Model Supply Chain Relationships In Malaysian Manufacturing And Service Sectors
Three Dimensional Boundary Value Problems For Cracks
Investigation Of The Transport Mechanism Of Polycrystalline Metal Chalcogenide Compounds (Cuse, Cuinse) Thin Films
Automation And Portability Of Thermal Wave Resonance Cavity Technique
Patterns Of Social Relationships And Psychological Well-Being Among Older Persons In Peninsula Malaysia
Perception, Awareness And Risk Factors Of Elder Abuse
Forward Scattering Radar For Biodiversity Conservation Monitoring System
Design And Construction Of A Novel 3-Phase Unified Power Flow Controller (Upfc) System Using Multilevel Structure.
Design And Development Of Radio Frequency (Rf) Front-End For A Wireless Receiver Or Transceiver.
Effects Of Aspect Ratio At Low Reynolds Number On Flight Dynamics And Aerodynamics Performance Of Unmanned Aerial Vehicle (Uav)
Intelligent Predictive Control Of An Autonomous Mobile Robot Navigation
Penghayatan Semangat Patriotisme Dan Nasionalisme : Pelatih Program Latihan Khidmat Negara (Plkn).
Pengetahuan Dan Amalan Penggunaan Lestari Di Kalangan Pelajar Sekolah Menengah
Modelling Of Karst Landform For Engineering Purpose
Amalan Tradisional Masyarakat Pribumi Dan Pemeliharaan Biodiversiti Di Sabah
Design And Development Of Osdm Transponders For Metro Networks
Economic Wellbeing And Human Capital Investment Of Female-Headed Households
Voltage Collapse Point Determination Technique Using Fuzzy-Based Formulation
Development Of A Computer-Based System For Design And Management Of Vegetated Waterways
Computer - Supported Collaborative Road Safety Learning Performance Among Malaysian Children
Advancement Of Transient Heat Transfer Testing Using Thermochromic Liquid Crystal Technique
Performance Of A Stormwater Storage-Infiltration System
Wireless Geocoding For Road Accidents Reporting System Using Location Based Services (Lbs)
Design Of A Multi-Standard Base Band Digital Transceiver Using Software Defined Radio (Sdr)
The Impact Of Indoor Air Quality On Longevity Of Building.
Development Of A Non-Destructive Ground Penetrating Radar (Gpr) Device For Road Pavement Density Measurement
Design And Fabrication Of Environmental Gas Sensor Using Screen Printing Technique.

		Zigbee Based Non-Invasive Medical Sensors For Wireless Body Area Network
		Development Of Artificial Neural Network (Ann) System For The Assessment Of Bridge Conditions
		Analisis Keperluan Dan Pemetaan Inventori Keupayaan Menggunakan Sistem Maklumat Geografi (Gis): Satu Strategi Untuk Perancangan Program Pengupayaan Komuniti Orang Asli
		Profesionalisme Dalam Kerja Belia Di Malaysia: Potensi Dan Cabaran
		Developing Precision Environmental Management Utilizing Green Plot Ratio, Human Activities Phenomena And Physical Development Aspect In Achieving Sustainable Living Environment.
		Evaluation Of Slope Stability In Pos Selim To Simpang Pulau Highway Using Remote Sensing Technique
		To Evaluate The Potential Of Agricultural Byproducts As Alternative Filter Packing Material For The Biofiltration Of Air Streams Contaminated By Volatile Organic Compounds.
		Ocean Transboundary Pollution As A Potential Threat To National Security: Determination And Characterization Of Fate And Transport
		A Study Of The Performance Of Home Water Filters For Improving Water Quality
		Visual Impact Assesment (Via) As An Urban Design Approach Towards Creating Visual Qualities In Urban Areas
2006	SCIENCEFUND	Determination Of Effectiveness Of Traffic Noise Barrier In Selected Residential Areas Of Klang Valley.
		Determination Of Impact Of Land Use - Land Cover Changes On Flood Hydrology Of Pahang River Basin
		Development Of A Three Dimensional Numerical Model Of The Strait Of Malacca For Simulating Pollutant Flushing Capacity
		Forecasting Land-Based Pollution Loads To Estimate Marine Pollution In The Malaysian Seas To The Year 2020
		Effective Leadership Communication In Malaysian Organizations
		Studies On Plastic Pellets And Hazardous Chemicals In Shorebird's Feeding Sites
		Enhancement For Design Of Interactive Web-Based Intructional System With Rss (Really Simple Syndication)
		A General Equilibrium Analysis Of Economic Impacts Of High Energy Prices In Malaysia.
		Preparation And Evaluation Of Quantum States Through Optical Methods
		Development Of An Intergrated Biodiversity Support System At Landscape Level
		Predictors Of School Counselors' Commitment Towards Counseling Profession: It's Implication On Students Career Development
		Investigation Of Past Climate, Hydrological Regime And Changing Water Pollution History Using The Deposited Sediment Record In Reservoir: A Case Of Tasik Merah And Its Catchment Area, Perak.
		Atmospheric Optical Properties Using Modtran And Multispectral Lidar System
		Development And Evaluation Of Bilayer Photocatalysis-Adsorption Hybrid System For Use In Solar Detoxification Of Environmental Pollutants .
		Development Of Intelligent Monitoring System For Palm Oil Refining Processes
		Development Of Low Cost Landslide Monitoring System Based On Fiber Optics
		Application Of Non-Invasive And Remote Self-Potential (Sp) Geophysical Technique For Subsurface Hydrogeological Investigation And Characterization By Clever Geophysical Modeling And Inversion.
		Study On Effectiveness Of Capillary Barrier As Landfill Cover Under Tropical Climate
		Development Of Sustainable Transport Index Based On The Performance Of Urban Public Transport System
		Modelling And Predictions Of Air Pollutant Concentrations In Selected Cities Of Malaysia
		Optimised Image Analysis And Neural Network Techniques For Cancer Detection
		Malaysian Children, Television And The Environment - A Focus On Identities, Commercialisation And Environmental Literacy
		Chemically Modified Starch For The Development Of Environmentally Degradable Thermoplastics Films
		Earthquake Induced Deformation Of National Geodetic Vertical Datum (Ngvd) And Its Implication On Surveying And Mapping
		The Development Of Physical Oceanography Database For Malaysian Seas Using Satellite Altimetry Missions
		Sustainable Water Resources Development Related To Downscaling Approach
		Road Vehicle Convoy Control Systems
		Development Of A Truck Chassis
		Development Of A New Technique For Design Of Cost Effective Minimum Water Network (Mwn) For Urban And Industrial Systems – A Focus On Semiconductor Manufacturing
		Development Of Doppler Shift Algorithm For Modelling Sea Surface Current Movements From Radar Remote Sensing Data
		Development Of Estuarine Nutrient Response Model For Circulation And Water Quality



		Conceptual Design Of A Shallow Draught Vessel With Minimum Resistance And Response
		Development Of Active Suspension Systems For A Quarter Car Model
		Hydrosystems For Integrated Control Of Flood And Low Flow For A River Basin In Sarawak
		Study Of The Factors Regulating The Bloom Mechanisms Of Harmful Algal Species In Sabah
		Coastal Processes And Geomorphologic Characteristics Of Major Coastal Towns In East Sabah For Assessment Of Tsunami Impacts
		Biogenic Volatile Organic Compounds Emission In Malaysian Landscapes And Its Implication To The Global Carbon Cycle
		Operating Small And Medium Size Accommodation Enterprises In Sabah
		The Spatial And Temporal Change Of Heavy Metals Concentration In Sediment Of Southern Terengganu Waters.
		Modelling Service Quality, Customer Satisfaction And Customer Loyalty Of Island Hotels In Malaysia.
		Monsoon Effects On Nutrient And Primary Productivity Distribution Pattern In The Coastal Waters Off Kemaman, East Coast Peninsular Malaysia
		Assessment Of Wave Attenuation Ability Of Selected Mangrove Vegetations
		Controlling And Managing Of Cryptosporidium & Giardia Potential Risk In Water Environment Via Nano Technology And Novel Eco-Efficient Micro-Organism Separation System (Microsys)
		Dissolved And Particulate Trace Metal Distribution In The South China Sea Off The Kemaman Coast: Seasonal And Monsoon Effects
		Development Of Environmental-Safe Bio-Based Hydraulic Fluid By Chemical Modification Techniques.
		A Laboratory Study Of The Shear Wave Velocity And One-Dimensional Compressibility Of Stabilised Columnar Systems Of The Kuittho Clay
		Synthesis And Properties Of Cobalt-Chromium-Molybdenum Bio-Compatible Materials For Bio-Medical Application
		Linear And Nonlinear Preserver Problems On Spaces Of Matrices Or Operators And Their Applications
		Basic Characteristics Of Multi-Server Queue And Their Applications In Cellular Traffic Engineering
		Development Of Rice Field Radar And Yield Prediction Models Using Mobile Scatterometer Measurement And Satellite Image Data
		Intelligent Embedded Controller For Ngv Refuelling
		Development Of A Three-Dimensional (3d) Boundary Element Method (Bem) Solver For Thin Liquid Film Flow Applications.
		Development Of Rainfall Model From Incomplete Hydrological Data In Malaysia
		Study On Magnetic Field Shielding Techniques For Extremely Low Frequency Applications
		Multilevel-Inverter For Direct Torque-Control Of Induction Motor For Optimum Drive Performance And Energy Efficiency
		An Adaptive Strategy For The Prevention Of Power System Wide Collapse
		Competitive Factors For Regional Container Hub Port: A Case Study In East Asia (Southeast And Northeast Asia)
		Development Of Multimedia Fate Model For The Malaysian Environment
		Methane And Nitrous Oxide Emissions From Direct-Seeded Rice In Malaysia
		Use Of Dynamic Olfactometry For Odour Measurement And Buffer Zone Establishment In Agricultural Development In Malaysia
		The Fate Of Molinate And Carbofuran In Muda Rice Areas
		Study On The Effect Of Natural Antioxidants Among Diabetogenic Animals With Special Emphasis On Alpha Lipoic Acid (Ala).
		Studies On Toxicity And Oxidative Activity Of Palm Sugar-Like Flavouring
		Screening, Isolation And Characterization Of Hdroxyctic Acid (Hca) From Roselle (Hibiscus Sabdariffa L.) As A Potential Agent For Body Weight Loss
		The Studies On Taxonomy And Phylogeny Of The Genus Goryphus Holmgren (Hym: Ichneumonidae: Cryptinae) In Sundaland
		Roost Selection And Utilization By Bats At Selected Sites In Peninsular Malaysia
		Extraction And Characterization Of Fine Chemicals From Natural Lipids
		Taxonomic Diversity And Phylogenetic Study Of Alysiinae And Opiinae (Hymenoptera: Braconidae) From Malaysia Based On Molecular And Morphological Analyses
		Development Of Specialty Fats And Lipids Modification For Food And Nonfood Products
		Effects Of 1-Methylcyclopropene (1-Mcp) On Ripening-Related Texture Changes, Ethylene Biosynthesis And Storage Quality Of Papaya Fruit
		In Vivo Production Of Nosema Bombycis And Its Efficacies Against Major Insect Pests Of Cabbage Crops
		Development Of Non-Pesticide Control Strategies Using Semiochemicals And Biopesticides For Agricultural Pest And Plant Protection
		Enhancement, Management And Conservation Of The Wild Populations Of An Endangered Fish Species Ikan Kelisa (Scleropages Formosus).
		Quantifying Nursery Value Of Mangroves For Fisheries: A Multi-Criteria Approach
		Generation And Analyses Of Expressed Sequence Tags (Ests) From Sargassum Polycystum, A Brown Seaweed.
2006	SCIENCEFUND	

		Study Of Ectoparasites Infestation On Avifauna Of Selected Forests In Peninsular Malaysia
		Paternity Analysis Of The Population Of <i>Johannesteijsmannia lanceolata</i> Via Microsatellite Marker.
		Measuring And Analyzing Variability To Establish The Permanent Field Characteristics That Influence The Production Of Ffb From Multiple Years
		Development Of Diagnostic Dna Primers Of <i>Ganoderma boninense</i> , By Random Amplified Microsatellite (Rams) And Internal Transcribed Spacer (Its) Gene Typing.
		Development Of Innovative Antioxidant Ingredients From Mango Fruits
		Bacteriophage As Potential Therapeutic Agent Against Prevalent Pathogens In Local Broiler Chickens
		Differential Efficiency Of Nutrient Uptake By Clonal Oil Palm
		Calcium Nutrition For Improved Growth And Yield Of <i>Jatropha curcas</i>
		Effects Of Probiotics On The Growth Of Probiotic <i>Lactobacillus</i> And Their Impact On The Growth Performance Of Chickens
		Sustainability Indicator Of Tropical Peat Under Various Crops Using Carbon Management Index (Cmi)
		Livestock-Crops Integrated Production Systems (Licro): Sustainability Of Ruminant Production Systems In Crop Plantations.
		Diversity And Distribution Of Marine Fish And Invertebrate Larvae In The Seagrass Ecosystem
		Genetic Diversity Of Phosphate Solubilizing Rhizobacteria (Psr) From Oil Palm Rhizosphere
		Structural Modification And Chemical Derivatives Of Constituents Of <i>Glycosmis</i> , <i>Melicope</i> And <i>Artocarpus</i> Species
		Development Of Pisciponic Technology For A Low Saline Water Environment
		Postharvest Biocontrol Of Anthracnose ( <i>Colletotrichum gloeosporioides</i> ) Of Papaya Using Antagonistic Bacteria
		Phytochemical And Bioactivity Studies Of <i>Kaempferia angustifolia</i> And <i>Boesenbergia rotunda</i>
		Variation In Mycorrhizal Specificity Among <i>Grammatophyllum</i> Spp., Tiger Orchid: A Preliminary Study For The Development Of A Seed Baiting Technique For Epiphytic Orchids.
		Microbial Enzymes As Feed Supplement For Poultry
		Diversity And Conservation Of Limestone Orchids In Selangor And Padawan, Sarawak
		Development Of Single Nucleotide Polymorphism (Snp) Markers For The Characterization Of <i>Clarias</i> Spp
		Identification Of Diagnostic Dna Microsatellite Markers For Heavy Metal Pollution In The Biomonitoring Agent, The Green-Lipped Mussel <i>Perna viridis</i>
		Manipulating Temperature And Ethylene Concentration During Ripening To Produce Yellow Harumanis Mango
		Lodging Resistance In Rice ( <i>Oryza sativa</i> ) Using Growth Regulators Under Varying Application Doses And Growth Stages
		Molecular Genetic Studies On Rhinoceros Beetle ( <i>Oryctes rhinoceros</i> ) Populations In Malaysian Oil Palm Plantations
		Effects Of Calcium On Quality And Disease Development Of Pitaya Fruits ( <i>Hylocereus undatus</i> )
		Increasing Phosphorus Uptake Efficiency In Oil Palm Using Selected Transporters Isolated From Potential Genotypes
		Conversion Of Oil Palm Waste Into An Organic Fertilizer For Cultivation Of Fruit Vegetables In An Organic Farming System.
		Increasing Yield Of Upland Rice Through Improvement In Plant Nutrient Uptake Efficiency
		Development Of Control Strategy For Cucumber Mosaic <i>Cucumovirus</i> And Zucchini Yellow Mosaic <i>Potyvirus</i> In Watermelon Cultivation.
		Development Of Microbial-Enriched Compost Extracts For The Control Of Fungal Diseases And Enhance Productivity Of Vegetables.
		Herbal Plants As Growth And Health Promoters In Poultry
		Production Of Omega-3 Enriched Chevron Through Dietary Manipulation
		Utilizing Microbial Diversity As Bioindicators For Sustainable Oil Palm Cultivation.
		Nutritional Values Of Selected Indigenous Riverine Fruits As Feed Ingredients In Kelah Diet
		Nitrogen Nutrition For Improved Yield And Phytonutritional Qualities Of Fresh Leafy Herbs.
		Histological And Biochemical Characterization Of <i>E. guineensis</i> Endosperm During Seed Development
		Antimicrobial Activity Of <i>Melastoma malabathricum</i> Linn. Crude Flower And Fruit Extracts
		Aboveground Carbon Sequestration In Different Tropical Rainforest Forest Types
		Enhancing Sustainable Forest Management Through Forest Certification
		Production Of Value-Added Taugeh With High Phytochemical Contents Under Controlled Environment.
		Use Of Remote Sensing To Establish Oil Palm Productivity Clusters
2006	SCIENCEFUND	Foliar Application Of Calcium And Copper To Reduce Fungal Diseases In Rice Plant.
		The Effect Of Dietary Supplementation Of Antioxidants On The Growth Performance, Carcass Composition And Meat Quality Of Goats Fed Diets Containing Palm Oil By-Products.

Development Of Protected Protein-Enriched Energy (Ppee) Supplements Based On Palm Fatty Acids And Local Protein Sources For Small Ruminants
Site Specific Chemical Properties And Heavy Metal Concentrations In Oil Palm And Paddy Cultivated Areas.
The Effect Of Copper Content In Palm Kernel Cake On The Sheep Reproductive System
Assessment Of Putative Bacteria As Probiotics In Juvenile Tiger Prawn (Penaeus Monodon)
Sustainable Weed Control Method By Using Sea Water In Salt Tolerant Turfgrass Species
Establishment Of Novel Arthropod-Selective Toxins For Insect Pest Management
A Study Of The Socioeconomic And Biological Values Of Recreational And Commercial Fisheries At The Pedu Reservoir
Development Of Protein-Enriched Cassava (Tapioca) Root Meal As An Alternative Protein Source For Goat By Fungal Fermentation
The Effect Of Cutting Age, Inoculants And Additives On The Characteristics And Nutritional Value Of Silages Made From Guinea Grass (Panicum Maximum), Common Napier (Pennisetum Perpureum) And Whole Crop Corn (Zea Mays) For Dairy Goats.
Development Of A Rice Straw-Based Pelleted Feed For A Sustainable Intensive Ruminant Production.
Development Of Baiting And Biorational Control Of Subterranean Termites, Coptotermes Spp.
Identification Of Defect Pattern In Selected Urban Trees Species
To Develop A Trial Of Commercial Bamboo Plantation For Shoot Production Of Gigantochloa 'Brang' And Dendrocalamus Asper
Anti-Cancer Properties Of Conjugated Linoleic Acid (Cla) Derived From Crossbred Kedah-Kelantan (Kk) Beef Cattle.
Method Development For The Molecular Diagnostic Of Hepatitis A Virus In Shellfish
Encapsulation And Controlled Release Of Selected Tropical Fruit Flavours.
Production Of Food-Grade Lipases From Selected Thermostable Lipase-Producing Bacteria For Commercial Purposes
Extraction Oils And Functional Lipids From Selected Plant Seeds And Their Modification Via Nanotechnology And Biotechnology
Development Of Water Dispersible Granules Formulation Of Entomopathogenic Fungi
Cytogenetics Of Freshwater Catfish Under Family Clariidae And Bagridae
Biodiversity And Ecological Evaluation On Selected Cultivated And Medicinal Citrus Spp. From Peninsular Malaysia
Identification, Characterization And Development Of Growth-Enhancing Fungal Endophytes From Paphiopedilum Barbatum (Orchidaceae)
Epidemiological Factors In The Colonization Of Arcobacter And Helicobacter In Poultry And Their Detection Methods
Rice Genotype Selection And Improvement For Sustainable Rice Production On Shallow Peat Soils In Sarawak
Management Of Termites (Coptotermes Spp) Infestation In Oil Palm On Peat In Sarawak
Mechanising Soil-Filling Seed-Placement In Polybags And Seedling Planting Operations In The Oil Palm Cultivation
Reproductive Biology And Feeding Habits Of Sergestid Shrimp Acetes Spp.
Soil Quality Indicators For Land Degradation Assessment In Some Major Land Use Types In Peninsular Malaysia
Alleviation Of Acclimatization Stress In Tissue Cultured Plantlets Of Tropical Crops Using Plant Growth-Promoting Rhizobacteria (Pgpr)
Quality Assessment And Processing Improvement Of 'New Rubber Wood Species And Clones' For Wood Furniture Industry.
Development Of Database On Halal Chocolate And Pastries In Malaysia
To Develop A Sustainable Practice To Protect And Manage Soil Fertility And Water Conservation For Steepland Oil Palm
Optimal Fertiliser Rates And Time Of Application For Oil Palm Grown In Tropical Peatland
The Potential Of Indigenous Earthworms In Vermitechnology
Genetic Improvement And Propagation Of The Mpts And Medicinal Plants
Markets For Environmentally Certified Wood Products In Malaysia
Development Of Superior Sweet Corn Hybrid Varieties By Introgression Of Exotic Germplasm
Development Of Real Time Soil Electrical Conductivity Mapping System
Development Of A Spatial Multi-Criteria Decision Support Tool For Oil Palm Plantation Management
Evaluation On The Reproductive Performance And Health Status Of The Barn Owl Sustainablebiological Control Of Rats
Utilization Of Sago Waste In Animal Production
Development Of The Restoration Technology Of Degraded Forest And Evaluation Of Biodiversity.
Development Of Commercially Stable Yellow Wet Noodles Using Modified Atmosphere And Combination Technologies
A Study On The Artificial Spawning Of The Commercial Scallop Outside Spawning Season For The Malaysian Aquaculture Industry

2006	SCIENCEFUND	Control Of Oyster Settlement And Metamorphosis By Endogenous And Exogenous Chemical Cues
		Modelling Land Use/Cover Changes And Its Impact On Biodiversity
		Application Of Enzyme Modified Starches As Biobased Materials In Active Packaging Technology For Food Quality Preservation.
		Bioactivity Guided Formulation Of Therapeutic Juice From The Pulp Of Myristica Fragrans.
		Food Product Development From Non-Chicken Poultry Meat
		Lipid Nutrition And The Utilization Of Palm Oil In The Development Of A Low-Cost Feed For The Intensive Culture Of The Indigenous Patin, <i>Pangasius Macronema</i>
		Development Of Dehydration Process For Heat Sensitive Biological And Agricultural Products Using Microwave Vacuum Technology
		Molecular Phylogenetic Study On Chingia-Sphaerostephanos-Christella Groups Of Genera (Thelypteridaceae) Using Rbcl Gene Sequences Data From Sabah
		Harmful Algal Bloom Dynamics Under Controlled Environmental Conditions
		Development Of An Immobilized Microbial Treatment For Removing Nutrient And Dissolved Organic Matter In An Aquaculture Water Recirculation System
		Development And Deployment Of A Wireless Sensor Network For Precision Agriculture
		Use Of Algae In Genotoxicity Assessment Of Marine Ecosystems
		Mass Production And Formulation Of <i>Exserohilum</i> Sp. Isolate B22a From <i>Echinochloa</i> Spp. (Sambau).
		Development Of Agronomic Practices For Domestication Of Selected <i>Mas Cotek</i> ( <i>Ficus Deltoidea</i> ) Accessions
		Evaluation And Identification Of Resistant Genotypes Against Cucumber Mosaic Cucumovirus (Cmv) On Chilli
		Development Of Automated Image Processing And Analysis System For Inspection And Grading Of Tropical Fruits
		Habitat Management Strategies For Control Of <i>Aphis Gossypii</i> And Virus On Chilli Crop
		Fast-Track Biodegradation Of Rice Straw By A Microbial Consortium
		Evaluation And Enhancement Of Rice Germplasm With Superior Yielding Traits, Special Grain Quality And Tolerance To Water Stress
		Packaging For Preservation Of Nutritional And Bioactive Compounds Of <i>Pegaga</i> ( <i>Centella Asiatica</i> ) And <i>Mengkudu</i> ( <i>Morinda Citrifolia</i> ) Products
		Effects Of Varying Energy Levels On Optimum Yield And Quality Of Cattle Oocytes.
		Characterisation, Chemical Attributes, Nutritional And Eating Quality Of Malaysian Organic Rice.
		Integrated Management Of Pest And Diseases Causing Cosmetic Damages To Citrus Fruits In Malaysia
		Development Of Effective Storage And Handling Techniques For Selected Highly Perishable Fruits ( <i>Dokong</i> , <i>Salak</i> , <i>Wax Apple</i> And <i>Dragonfruit</i> ) With Good Market Potential
		Development Of Edible Film From Sago Starch And Its Potential Application As Food Casing
Introduction, Screening And Evaluation Of Papaya Accessions For Bacterial Dieback Resistance		
The Mass Production, Evaluation And Packaging Of <i>Phytoseiulus Persimilis</i> For Management Of <i>Tetranychus Urticae</i> On Roses And Strawberries In Cameron Highlands.		
Selection Of <i>Cattleya Alliance</i> Orchid Progenies For High Quality Flowers And Fragrance.		
Double-Cross <i>Eksotika</i> Papaya Hybrids For Improving Fruit Quality And Storage Life		
Development Of An Expert System To Manage Mechanized Vegetables Production.		
Improved Vegetative Propagation Method For Local <i>Salak</i> ( <i>Salacca Glabrescens</i> ) Using Sucker Induction Technique		
Enhancement Of Yield And Fruit Quality In <i>Limau Madu</i> ( <i>Citrus Reticulata</i> ) Through Nutrient Manipulation		
Characterization And Identification Of <i>Musa</i> (Banana) Germplasm Using Dna-Based Markers		
Evaluation And Identification Of Antioxidant Phytochemicals In Tropical Fruits And Its By Product As A Potential Source Of Functional Ingredients		
Evaluation And Selection Of Jackfruit ( <i>Artocarpus Heterophyllus</i> ) Varieties For Resistance To Bacterial-Wilt		
Improvement Of Chilli Var. <i>Mc 12</i> For Tolerance To Anthracnose And Viral Diseases Through Hybridization.		
Evaluation Of The Prevalence Of Emerging <i>Campylobacter Jejuni</i> In Local Foods		
Development Of Disinfestations Protocol Using Hot Water Immersion Technique On Papaya Var. <i>Eksotika</i> For Export Markets		

2006

SCIENCEFUND

Extraction And Identification Of Galactomannan From Tropical Fruits And Its By-Products As Functional Food Ingredients.
Development Of Primemover For Conservation Slope Land Orchards
Design And Development Of Self Propelled Compost Turner For Agro Waste.
Technology For Production Of Salsa And Chili-Based Jam
Evaluation And Utilisation Of Lycopene From Selected Local Fruits For The Development Of Nutraceuticals
Biodiversity Of Wild Edible Durio (Bombacaceae) Species And Prospect For Their Utilization And Conservation
Development Of Sustainable Aerobic Rice Production System Through Improve Water Productivity
Studies On The Chemical Constituents Of Ficus Deltoidea Jack Planted On Bris Soil And Their Bioactivities.
Utilization Of Leaves Of Local Varieties Of Sweetpotato (Ipomoea Batatas) As Potential Antioxidant Rich Food Ingredient
Enhancement Of Yield, P And N Uptake Of Chilli By Application Of P-Solubilizing And N-Fixing Microbes As Biofertilizer In Open Field Area
Improvement Of Ferto Model (Location-Specific Nutrient Management Tool) For High Yielding Rice Production
Efficient Orchid Production Through The Ebb & Flow Technique
Nutrient Management For Aerobic Rice Cultivation
Mechanised Processing System For Production Of Durian Paste For Making Durian Puree
Development Of Optical Sensor System To Determine Chilli Pungency
Development Of Extraction System For Dokong Juice Production
Design And Development Of Various Cooling Systems For Tropical Greenhouses
Determination Of Uncertainties In Pesticide Residue Analysis For Mango And Star Fruit To Comply With Iso/iec 17025 Standard
The Effects Of Growing Media And Plant Water Availability On Phytochemical Concentration Of Kacip Fatimah (Labisia Pumila)
Identification Of Potential Mild Strain For Cross Protection Management Of Citrus Tristeza Virus (Ctv) In Citrus
Development Of Molecular Marker For Identification Of Parasitoid Of Fruit Flies Larva To Be Use In Icm
Biodiversity And Evaluation Of Rambai (Baccaurea Motleyana) And Tampoi (B. Macrocarpa) In Peninsular Malaysia
Diversity Assessment Of Asam Gelugor (Garcinia Atroviridis) And Cerapu (Garcinia Prainiana) In Peninsular Malaysia
Modification Of Starch From Sweet Potato For The Production Of Resistant Starch
Development Of Advance Technique For The Production Of Sexed Embryos
Utilization Of Phyto-Based Supplements To Enhance Lutein Content, Reduce Egg Cholesterol And Characterize Their Effects On Blood Metabolic Profile Of Layers
Morphological Characterization And Evaluation Of Selected Malaysian Indigenous Vegetable- Bebuas (Premna Cordifolia), Peria Pantai (Colubrina Asiatica), Beluntas (Pluchea Indica), And Gajus (Anacardium Occidentale)
The Ecogeographic Distribution And Assessment Of The Diversity Status Of Tempunik (Artocarpus Rigidus), Terap Nasi (Artocarpus Elasticus), Kulor (Artocarpus Camansi) And Bangkok (Artocarpus Integer Var. Silvestris) In Peninsular Malaysia

		Assessment Of Genetic Diversity Of Mangifera Germplasm Using Inter Simple Sequence Repeats (Issrs)
		Evaluation And Selection Of Advanced Sweetpotato Clones Based On Participatory Approach By Specific Stakeholders
		Dietary Risk Assessment Of Pesticide For Mrl Setting And Consumer Health's Protection
		Evaluation Of Genetic Stability And Performance Of Selected Banana Varieties Under Different Agro-Ecological Environments.
		Effectiveness Of Natural Enemies In Managing Tiger Moth, <i>Atteva Sciodoxa</i> Meyrick (Lepidoptera: Yponomeutidae) On Tongkat Ali, <i>Eurycoma Longifolia</i> Jack
2006	SCIENCEFUND	Biodiversity And Evaluation Of Torch Gingers ( <i>Etlingera Elatior</i> , <i>E. Corneri</i> And <i>E. Venusta</i> )
		Field Control Of Passion Fruit Mosaic Virus (Pfmv) By Cross Protection
		Extraction And Identification Of Phytochemicals In Culled Limau Madu And Limau Langkat For The Development Of High Value Nutraceutical Product.
		Characterization And Pathogenicity Of A Nucleopolyhedrosis Virus (Npv) Of The Beet Armyworm, <i>Spodoptera Exigua</i> And The Npv Of The Tiger Moth, <i>Atteva Sciodoxa</i> For Biological Control Utilization
		Modification Of Micro-Environment To Improve In-Vitro Production Of Embryo From Local Cattle
		Collection And Evaluation Of Sweetpotato Accessions For Nutritional, Phytochemical And Eating Qualities.
		Identification Of Natural Plant Extracts With Potent Antimicrobial Properties Against Chicken Gut Microbes
		Impact Of Environmental Factors On The Incidence Of Uneven Fruit Ripening (Ufr) In Durian Clone D24
		A Mathematical Model For Alkaline Delignification And Cellulose Degradation Of Oil Palm Empty Fruit Bunch Fibre
		Study On The Extent Of Gaharu Trade In Peninsular Malaysia
		Radiofrequency-Vacuum Drying Of Timber For Enhanced Property
		Market Opportunities For Mas Cotek ( <i>Ficus Deltoidea</i> ) Products In Peninsular Malaysia
		Enhancing The Application Of Kerengga For Biological Control Of The Mahogany Shoot Borer
		Modelling Of Soil Erosion Risk In Water Catchment Area For Sustainable Forest Management.
		Development Of Chemical Sensors For Permethrin Determination In Preservatives For Treated Wood.
		Wood Quality Of Selected Species Grown From Rooted Cuttings
		Bioaccumulation Of Heavy Metals By Timber Species Grown On Tin Tailings
		Field Evaluation Of Composted And Raw Paper Mill Sludge On Selected Medicinal And Plantation Forest Species
		Stumpage Appraisal And Financial Evaluation Of Second Growth Forests In Long Term Timber Concession Of Peninsular Malaysia.
		Final Crop Regimes Of Plantation-Grown Mahogany Stand For Maximum Volume Production And Financial Evaluation Of Each Regimes.
		Rainfall Interception Processes And Water Balance Of Young Plantation Catchment.
		Enhancement Of Asthetic Value Of Malaysian Oak By Homogeneity Colour
		Enzymatic Pre-Treatment Of Kraft Pulp Towards Development Of Biobleaching For Kenaf
		Pyrethroid Compounds As Alternative Treatment To Boron To Enhance Durability Of Malaysian Oak
		Domestication, Production And Harvesting Of Tongkat Ali From Various Provenances: Good Agricultural Practices And Agroforestry Approach
		Production Of Activated Carbon From Bamboo Using Chemical And Steam Activations
		Study On Diseases Of Medicinal Plants And Their Impact On Commercial Production In Peninsular Malaysia
		Economic Potentials Of Lianas In Dipterocarp Forest Of East Negeri Sembilan
		Utilization Of Cocoa Butter Condensate From Cocoa Butter Deodorized Process In Soap Making
		Determination On The Relationships Between Yield Loss And Economic Injury Levels In Management Of Cocoa Pod Borer
		Development Of Cocoa Based Bath Preparations
		Evaluation Of Different Planting Patterns For Mechanized Farm Operations
		Biological Control Of Cocoa Pod Borer (Cpb) Using Cocoa Black Ants (Cba): Introduction And Maintenance Of Cba Under Cocoa-Coconut Ecosystems For Cpb Management.
		Screening Of Morphological Traits Of Cocoa Clones In Relation To Resistance To Cocoa Pod Borer
		Study On The Effects Of Shade, Seasons And Locations On The Content And Physicochemical Characteristics Of Cocoa Butter Of Selected Planting Materials.
		Evaluation Of Antixenosis Mechanism Of Host Plant Resistance In Cocoa For Use In The Cocoa Pod Borer Management.
Utilization Of Cocoa Butter And Polyphenol In Cosmetic Foundation		
Development Of Specialty Cocoa For Flavor And Other Desirable Qualities		

		<p>Studies On Starch Synthase In Sago Palm (Metroxylon Sagu Rottb.)</p> <p>Determination Of Nutritional And Physiological Factors Contributing To The Trunking And Good Growth Of Sago On Peat</p> <p>Provenance And Progeny Trial Of Rotan Batu (Calamus Subinermis) In Sabah</p> <p>The Effects Of Weather And Seed Predators On The Recruitment Of Mangroves In Sabah</p> <p>A Study On Medicinal Ferns &amp; Fern Allies (Pteridophytes) Of Sabah</p> <p>Identification Of Potential Biomarkers Specific To Ganoderma Infection In Oil Palm – Profiling Of Metabolites And Volatile Organic Compounds Using Gc-Ms.</p>
2006	TECHNOFUND	<p>Development of Malaysian Transgenic Fungal Resistant Rice</p> <p>Indoor, environmentally controlled marine aquaculture systems to rear disease free, export quality prawns without the use of antibiotics and harmful chemicals.</p> <p>Biomass Refinery Industrial Complex (BRIC) Project D: Functional Food</p> <p>Up-scaling Project for a Mini Plant for Nitro-humic Acid Based Crop Booster Liquid Fertilizers Production</p>
2006	TECHNOFUND	<p>Production of fermented palm kernel cake (PKC) as a feed ingredient for poultry feed using solid substrate fermentation (SSF) technology</p> <p>Multiplier flock production system for Malaysian Boer goat</p> <p>Large-Scale Production of Refined and Fractionated Essential Oils</p> <p>Large Scale Production of Padi Merah in Non-Granary Areas</p> <p>Development of nutritional and nutraceutical brown rice powder and breakfast cereal from local rice based product using direct extrusion technology.</p> <p>Setting-up of fruit puree pilot plant for tropical fruits using horizontal screw press.</p> <p>Novel Anolyte Products for a Safe and Healthy Chicken Production</p> <p>Commercialization of Jermasia Goat Through Assisted Reproductive Technology (ART)</p> <p>Biomass Processor for Oil Palm Trunks</p> <p>Integrated Bacterial-based Bioremediation System to Remove Chromium from Industrial Wastewater</p> <p>Production of An Algal Oral Vaccine for White Spot Syndrome Virus (WSSV) in Marine Penaeid Prawns</p> <p>A Multi-Prong Approach for the Detection of Salmonella Based on Novel DNA Sequences</p> <p>Development of Biorefinery Technology for the Production of Cellulosic Bioethanol from Malaysian Agro-waste Biomass Resources'</p> <p>Technology Licensing and Development Of Indication Specific Clinical Application Of Stem Cell Regenerative Cellular Therapies, Tissue Engineering, Cancer Research and Diagnosis and Development of Humanised Animal Model for Human Diseases Using Adult Sourced Haematopoietic Stem Cells (HSCs)</p> <p>Value added Virgin Coconut Oil with Antimicrobial Properties and Its Potential Applications</p> <p>To Set-Up a Pilot-Scale Plant for Demonstration / Testing / Scaling-Up Purposes on the Downstream Processing Technology for the Production of Maltodextrin (and other related products) Utilizing Locally Available Feedstock-Sago Starch</p> <p>Pilot scale biological nitrogen fixation (BNF) process of compost for the production of solid biofertilizer</p> <p>Alternative Solution to Sludge Management: Bioconversion of Sewage Sludge for Cellulolytic Enzyme Production</p> <p>Proposal to Set up R&amp;D Facility for the Soft Gel Encapsulation Formulation Registration Dossier</p> <p>Establishment of an Accredited Contract Testing Laboratory for Biological Evaluation of Medical Devices, Healthcare, Chemicals, and Cosmetic Products</p> <p>IP Based Contact Center Solution Using Session Initiation Protocol Utilising Business Process Management e2 Platform and Associated Software</p> <p>Robust Multimedia Biometric Identification Systems using Secure Network Infrastructure (ROMBISUS)</p> <p>Digital Multimedia Broadcasting-Terrestrial (DMB-T)</p> <p>GIGABIT FSO (Fibre in space lambda technology) – VDSL Network Multi Optic Lambda Transmission (VMOLT)</p> <p>Development of Accelerator Hardware and Software Solutions for Genome Informatics Applications</p> <p>Refinement of the Vision System Development Platform (VSDP) and Its Applications</p> <p>Antipiracy software - "SENTINEL SYSTEM" - To prevent unauthorized software duplication including VCD, DVD, game software</p> <p>Hardware Security Module (HSM) and Trusted Computing Platform for Next-Generation E-Security</p> <p>Traffic Incident and Disaster Detection with Response System</p> <p>Development of Holistic Islamic Corporate and Retail Banking System (CORE): A Multi-Tiered Architecture</p> <p>Virtual Science Museum Malaysia</p> <p>Advanced Thin-Film Flexible Crystalline Silicon Solar Cell</p> <p>Development Of Pilot Scale Production Of Poly Metal Chlorides From Industrial Waste.</p> <p>Production of "Green" Furniture using Rice Husk Bio-Compost as Alternative to Natural Wood (Timber) Furniture</p>

		Pre-Commercialization Development of Natural Fibre Reinforced Thermoset Composite for Table Top Product
		Virtual Reality Programming and Simulation for An Industrial Robot
		Minimal Cutting Fluid Delivery System for Milling Operations
		Exterior Load Bearing Plywood From Oil Palm Stems
		Integrated Production of High Performance Biolubricant from Renewable Resource
		Smart Hybrid Storage System (SHSS). This Is A Hybrid Energy Storage System For Mobile And Automotive Applications.
		Biofil – Biofilter Technology For Waste Treatment
		Recycling of Base Oil from Spent Lubricants
		Ultrasonic Solvent Extraction of Oil from Spent Adsorbent
		Pioneering Palm-Based Polyol Production And Commercial Ready Prototypes
INNOFUND		
2006	Community	myHe @ ring Exchange An Online Knowledge and eLearning Centre for the Community Associated with Hearing Loss and Impairments in Malaysia
	Community	Processing of High Quality Agricultural Produce by Using Electricity from Pico Hydro for Orang Asli Community
	Community	Solar Drying System for High Quality Dried Fish to Increase the Standard of Living Fishing Communities
	Enterprise-Individual	Wifi Outdoor Antenna For Hot Zone
2006	Enterprise-Individual	Donut & Keria Machine
	Enterprise-Individual	Street Lighting Bulbs Using Led (Light Emitting Diode) & LD (Laser Diode)
	Enterprise-Micro	An Application of Genetic Algorithm (GA) in Production Sceduling for Discrete-based Manufacturing Environment under Uncertainty and Variability Conditions
	Enterprise-Individual	M-Traffic:Mobile Application for Road Users
	Enterprise-Small	Development of a Workflow System Called WorkFLOW TC
	Enterprise-Sole Proprietor	SMS Bicara
	Enterprise-Small	" GREENPAK" Individual Septic Tank- Innovative Use of Upflow Anaerobic Sludge Blanket (UASB) Principle
	Enterprise-Small	Enhanced Moving Asset Tracking With Telemetry Functions - STARFISH EMAT (TF)
	Enterprise-Small	The Research and Development of an Enterprise Fax Server Leveraging on T.38 Technology (FaxCore v2)
	Enterprise-Individual	Educational Automatic Picture Transmission Receiving System (EARS) as a Value Added Product to Create Interest in Innovation and Scientific at School Level
	Community	Bioponic-Kaedah Bioteknologi Mudah Untuk Pengeluaran Bahan Makanan
	Enterprise-Small	Enhancement of Market-Thinkâ Enterprise Market Planning System (EMP)
	Enterprise-Individual	Preparation of Aerosol Spray Containing Haruan Extract that can Produce Synthetic Skin (Film) for Burned Medication
	Enterprise-Small	OSCC - One Stop Crisis Center System
	Enterprise-Sole Proprietor	Research and Development of Multimedia and Audio Video for 'SS Foundation for Workplace Management' Training Series
	Enterprise-Small	Micropropogation of Fast Growing Tree, Herbal and Ornament Plants Species
	Enterprise-Sole Proprietor	Program Celik ICT " Ilmu di Hujung Jari" (CD e-Rujukan)
	Enterprise-Micro	Drug Dispensing and Data Management System for Community Pharmacy
	Enterprise-Small	Pengujian Keberkesanan Sistem Penternakan Euroforce Tanpa Penggunaan Antibiotik Dan Vaksin Ke Atas Ayam Pedaging
	Enterprise-Small	Gateway Option Provision System (GOPS)
	Enterprise-Small	Development of Cost Effective Natural Gas Dispenser Controller & User Interface
	Enterprise-Small	Intelligent Physical Security Management System (Sentient)
	Enterprise-Small	Integration of Organic Rice Farming Concurrently With Fish-Duck Azolla
	Enterprise-Micro	Development of Semi-Nested PCR-Based Kit for Detection of Iridovirus in Infected Fish
	Enterprise-Individual	Pencetak Braille Talib (Translatting Alphabet In Braille) : Kawalan Mekatronik
	Enterprise-Micro	EzyPay - Micropayment System
	Community	The Effectiveness of Dietary Advised Based on Glycemic Index(GI) Concept On Metabolic Control in Overweight With Type 2 Diabetes Patients



Enterprise-Small	The Development And Prototype Building Of Fully Automated Indoor Shooting Range With Automated Point Scoring System
Enterprise-Small	Sistem Pengundian Berkomputer
Enterprise-Small	Pembangunan Portal Komuniti dan Kad Pintar Ahli Bagi Parti Progressif Rakyat Malaysia
Enterprise-Small	Penambahbaikan Teknologi atau Enjin bagi Mengautomasikan Penyediaan Soalan
Enterprise-Individual	Ghazal Party Web Portal
Community	Pembangunan Loji Pemprosesan Minyak Gaharu
Enterprise-Small	Development of New Generation of IM (Instant Messenger) Wireless PABX
Enterprise-Small	Covalentia - Rapid Application Development Tool
Enterprise-Sole Proprietor	Worlds 1st Fond Encoding Independent Tamil Dictionary Application Integrated into Microsoft Office Applications for the Malaysians and International Market
Enterprise-Sole Proprietor	Gerbang Digital
Enterprise-Small	Proposal For Pre-Commercialization Of Regenerable Bleaching Earth System For Palm Oil Industry
Enterprise-Sole Proprietor	Kapsul Pelincir Rantai Motorsikal
Community	Penghasilan Produk Ais Krim Berasaskan Nira Nipah
Community	Pengisian dan Pembungkusan Produk Nira Nipah
Community	Inno-Youth : Empowering Kajang Prison Inmates (Youths) in Digital Micro-Enterprises
Enterprise-Individual	Projek Membuat Acuan dan Prototaip Fiberglass Modular "Y" Sangkar Marin Akuakultur
Enterprise-Micro	MobileCop: Application Crime Prevention Tools for Malaysian Public