

Bil.	Skim Geran	Tajuk Projek	Ketua Projek	Penyelidik Bersama	Bidang Penyelidikan	Tahun Diterima	Tarikh Mula	Tempoh (bulan)	Tarikh Tamat	Jumlah Diluluskan (RM)	Sumber Pembiayaan	Laboratori
1	FRGS	Multiple Outliers in STAR Model and Properties of the FISSAR Model	Mahendran Shitan	1. Prof. Dr. A.H.M Rahmatullah Imon 2. K. Murugason	Sains Tulen dan Sains Gunaan	2006	01-Mac-07	24 bulan	28-Feb-09	60,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
2	FRGS	Developing a Code for Solving a Higher Order Ordinary Differential Equations (HODEs) Directly Using Implicit Block Methods	Zarina Bibi Ibrahim	1. Prof. Dato' Dr. Mohamed Suleiman 2. Dr. Zanariah Abdul Majid 3. Dr. Khairil Iskandar Othman	Sains Tulen dan Sains Gunaan	2006	01-Mac-07	30 bulan	30-Ogos-09	53,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
3	FRGS	Solving Boundary Value Problems By Multiple Shooting Using The Multistep Method In Its Backward Difference Formulations	Mohamed Bin Suleiman	1. Dr.. Zarina Bibi Ibrahim 2. Dr. Zanariah Abdul Majid 3. Dr. Khairil Iskandar Othman	Sains Tulen dan Sains Gunaan	2006	01-Mac-07	30 bulan	31-Ogos-09	50,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
4	FRGS	Detection of Multiple Influential Observations In Censored Survival Models	Noor Akma Ibrahim	1. PM Dr. Isa Daud 2. Abdul Kudus	Sains Tulen dan Sains Gunaan	2006	01-Mac-07	24 bulan	28-Feb-09	63,372.55	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
5	FRGS	Public Key Infrastructure And Chaos Based Cryptography	Muhammad Rezal B. Kamel Arifin	1. PM Dr. Mohd. Rushdan Md. Said 2. Prof. Dato' Dr. Kamel Ariffin Mohd. Atan 3. Faridah Yunos	Sains Tulen dan Sains Gunaan	2006	01-Mac-07	24 bulan	28-Feb-09	70,082.59	Kementerian Pengajian Tinggi (KPT)	Laboratori Kriptografi, Analisis dan Struktur
6	FRGS	Robust Logistic Regression Estimation In The Presence Of Outliers	Habshah Bt. Midi	1. Prof. Dr. A.H.M Rahmatullah Imon 2. Syaiba Balqish Ariffin@Mat Zin	Sains Tulen dan Sains Gunaan	2006	01-Mac-07	24 bulan	28-Feb-09	48,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
7	FRGS	An Application of Lucas Function In the Cramer-Shoup Cryptosystem	Muohamad Rushdan Bin Md. Said	1. PM Dr. Bekbaev Ural 2. Dr. Zuriati Ahmad Zulkarnain 3. Norliana Muslim	Sains Tulen dan Sains Gunaan	2006	01-Mac-07	24 bulan	28-Feb-09	51,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Kriptografi, Analisis dan Struktur
8	FRGS	Higher Order Embedded Runge-Kutta Methods For Solving Ordinary And Delay Differential Equations	Fudziah Binti Ismail	Suriah Md. Amin	Sains Tulen dan Sains Gunaan	2006	01-Mac-07	24 bulan	28-Feb-09	68,591.47	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
9	FRGS	Generalized Lindelofness and Regular-Lindelofness in Bitopological Spaces	Kamel Ariffin Mohd Atan	1.Prof.Dr.Adem Kilicman 2.Zabidin Salleh 3.Hassan Eltayeb Gadain	Sains Tulen dan Sains Gunaan	2006	01-Mac-07	30 bulan	31-Ogos-09	76,500.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Kriptografi, Analisis dan Struktur
10	FRGS	Electromagnetic Properties Of Nanocomposites At Microwave Frequencies	Zulkifly Abbas	1. Mohd. Ashry Yusof 2. Lee Kim Yee	Sains Tulen dan Sains Gunaan	2006	01-Mac-07	24 bulan	28-Feb-09	72,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
11	FRGS	Problem-Based Learning for Mathematics for Malaysian Upper Secondary Students	Rohani Ahmad Tarmizi	Nur Izzati Lojinin Abdullah	Sastera dan Sastera Ikhtisas	2006	01-Mac-07	17 bulan	31-Jul-08	60,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Etnomatematik dan Didaktik

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12	FRGS	Geometry of Qutrits	Hishamuddin Zainuddin	1. Mazlinda Zainy 2. Nurisya Mohd Shah 3. Roslina Abd. Rashid 4. Mohd. Ali Mat Nong	Sains Tulen dan Sains Gunaan	2006	01-Mac-07	28 bulan	30-Jun-09	61,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
13	FRGS	Metacognitive Aspects Of Mathematical Problem Solving	Aida Suraya Hj. Md. Yunus	1. PM Dr. Wan Zah Wan Ali 2. Dr. Habsah Ismail	Sastera dan Sastera Ikhtisas	2006	01-Mac-07	14 bulan	30-Apr-08	30,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Etnomatematik dan Didaktik
14	FRGS	Pendokumentasian Bahan Etnomatematik	Mat Rofa Ismail	1.Prof.Dr.Shaharir Mohd.Zain 2.PM Dr.Rohani Ahmad Tarmizi 3.PM Dr.Wan Zah Wan Ali 4.Dr.Muhamad Alinor Abdul Kadir 5.En Baharudin Zainal 6.En.Mohd.Rohaizat Abdul Wahab 7.PM Mohamad Zain Musa 8.Dr. Mohd Syukri Yeoh Abdullah	Natural Sciences and National Heritages	2007	01-Nov-07	36 bulan	31-Okt-10	80,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Etnomatematik dan Didaktik
15	FRGS	Optimized Crossover Genetic Algorithms for Combinatorial Optimization Problems	Lee Lai Soon	1.PM Dr. Habshah Midi 2.Noor Hasnah Moin 3.Mohd bin Omar	Sains Gunaan	2007	01-Nov-07	36 bulan	31-Okt-10	79,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
16	FRGS	a New Efficient and Fast Paralled Modified Explicit Group Iterative Algorithm for Solving Stationary Problem on Distributed Parallel Computer Architecture	Mohamed Othman	1.Prof. Dato' Dr. Mohamed Suleiman 2.Cik Noraini bt Md Nusi	Sains Gunaan	2007	01-Nov-07	30 bulan	30-Apr-10	54,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
17	FRGS	Superlinearly Convergent Symmetric Rank-one Method for Unconstrained Optimization	Leong Wah June	1.Prof.Dr.Malik Abu Hassan 2.Norfifah Bachok@Lati	Sains Tulen	2007	01-Nov-07	24 bulan	31-Okt-09	60,200.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
18	FRGS	Globalization of Barzilai-borwein Method for Unconstrained Large-scale Optimization	Malik Abu Hassan	1.Dr. Mansur Mansi 2.Dr.Leong Wah June	Sains Tulen	2007	01-Nov-07	24 bulan	31-Okt-09	60,200.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
19	FRGS	Diagonally Implicit Runge-Kutta-Nystrom Methods With Maximized Stability Domain for Solving Structural Dynamics Problems	Norfifah Bachok@Lati	1.Prof.Dato'Dr. Mohamed Suleiman 2.PM Dr.Fudziah Ismail 3.Dr.Norazak Senu	Sains Tulen	2007	01-Nov-07	30 bulan	30-Apr-10	60,200.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
20	FRGS	Estimation of Multiple Exponential Sums	Siti Hasana Sapar	1.Prof.Dato'Dr. Kamel Ariffin Mohd.Atan 2.PM Dr.Mohamad Rushdan Md.Said	Sains Tulen	2007	01-Nov-07	24 bulan	31-Okt-09	60,200.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Kriptografi, Analisis dan Struktur
21	FRGS	Algebraic and Geometric Properties of Some Class of Finite Dimensional Non Associative Algebras	Isamiddin S. Rakhimov	1.PM Dr.Bekbaev U.D 2.Sharifah Kartini Said Husain 3.Wiriany Basri	Sains Tulen	2007	01-Feb-08	24 bulan	31-Jan-10	45,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Kriptografi, Analisis dan Struktur
22	FRGS	A Bivariate Survival Model of the Paired Organ System with Repeated Dependent Failures and Multiple Covariates	Jayanthi a/p Arasan	1.PM Dr. Habshah Midi 2.PM Dr.Isa Daud 3.PM Dr. Noor Akma Ibrahim	Sains Tulen	2007	01-Feb-08	24 bulan	31-Jan-10	45,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi

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23	FRGS	Robust and Nonparametric Inference in Heteroscedastic Regression	Habshah Midi	Dr. Mohd. Bakri Adam	Sains Gunaan	2008	01-Jan-09	24 bulan	31-Dis-10	96,600.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
24	FRGS	Modelling of Malaysia's Election Votes with Extreme Value Theory	Mohd Bakri Adam	1.Prof. Madya Dr. Hjh. Noor Akma Ibrahim 2.Prof. Madya Dr. Habshah Midi	Sains Sosial & Kemanusiaan	2008	01-Jan-09	24 bulan	31-Dis-10	60,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
25	FRGS	Two Dimensional Multiple Curved Crack Problems	Nik Mohd. Asri Nik Long	Dr. Zainidin Eshkuvvatov	Sains Tulen	2008	01-Jan-09	24 bulan	31-Dis-10	63,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
26	FRGS	Analisis Kritikal Pemikiran Matematik Shaykh Ahmad al-Khatib al-Minangkabawi dengan Pemikiran Matematik Moden (Kitabnya: 'Alam al-Hussab fi 'Ilm al-Hisab)	Habsah Ismail	1.Dr. Adi Setia Mohd Dom 2.Dr. Mat Rofa Ismail 3.Prof. Madya Dr. Rohani Ahmad Tarmzi 4.Dr. Aminuddin Hassan 5.Prof. Madya Dr. Wan Zah Wan Ali	Sains Tulen	2008	01-Jan-09	30	30-Jun-11	96,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
27	FRGS	Fluid Flow along a Cylinder by a Uniformly Travelling Magnetic Field	Nik Mohd. Asri Nik Long	1)Mohd. Noor bin Saad 2)Prof. Alfred Sneyd	Teknologi & Kejuruteraan	2008	01-Jan-09	30	30-Jun-11	57,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
28	FRGS	Analisis Manuskrip Sains Bermatematik Funan Kurun Ke-6 Masihi	Rohani Ahmad Tarmizi	1) Prof. Madya Dr. Mat Rofa Ismail 2) Prof. Madya Dr. Mohamad Zain Bin Musa 3) Dr. Mohammad Alinor Bin Abdul Kadir 4) Dr. Shaharir Bin Mohd Zain	Natural Sci & National Heritage	2009	1-Sep-09	24	1-Sep-11	40,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Etnomatematik dan Didaktik
29	FRGS	Developing A Code For Solving Delay Differential Equations (DDEs) Using Multistep Block Methods	Zarina Bibi Ibrahim	1) Pror. Dato' Dr. Mohamed Suleiman 2) Prof. Madya Dr. Fudziah Ismail 3) Dr. Khairil Iskandar Othman	Sains Gunaan	2009	1-Sep-09	24	1-Sep-11	32,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
30	FRGS	Repairable System Model For Interval Censored, Grouped And Truncated Data With Time Varying Covariates	Jayanthi a/p Arasan	1) Prof. Madya Dr. Habshah Midi 2) Prof. Madya Dr. Noor Akma Ibrahim 3) Prof. Madya Dr. Isa Daud	Sains Gunaan	2009	1-Sep-09	24	1-Sep-11	32,500.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
31	FRGS	Developing And Implementation Of The Direct Variable Block Method For The Solution Of The Solution Of Higher Order ODEs	Zanariah Abdul Majid	1) Pror. Dato' Dr. Mohamed Suleiman 2) Dr. Zarina Bibi Ibrahim	Sains Gunaan	2009	1-Sep-09	24	1-Sep-11	33,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
32	FRGS	Two-step Hybrid Methods For Solving Special Second Order Ordinary Differential Equations	Fudziah Binti Ismail	1) En. Norazak Senu	Sains Tulen	2009	12-Nov-09	24	12-Nov-11	32,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
33	FRGS	Improved Hessian Approximation For Quasi-Newton Methods Via Higher Order Conic	Leong Wah June	1) Prof. Dr. Malik Haji Abu Hassan 2) Mansor Monsi	Sains Tulen	2009	12-Nov-09	24	12-Nov-11	34,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi

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34	FRGS	A New Integral Transform and Sytem of Differential Equations	Adem Kilicman	1) Hassan Eltayeb 2) Idham Alias	Sains Tulen	2009	12-Nov-09	24	12-Nov-11	29,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Kriptografi, Analisis dan Struktur
35	FRGS	Convective Instability Of A Fluid Layer Induced By Surface Tension And Buoyancy	Norihan Mohd Ariffin	1) Fadzilah Md. Ali 2) Norfifah Bachok	Sains Tulen	2009	12-Nov-09	24	12-Nov-11	35,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
36	FRGS	Properties Of Generalized Autoregressive Moving Average (GARMA) Model And Applications	Mahendran Shitan	1) Thulasyammal a/p Ramiah Pillai 2) Chan Mew Leng	Sains Tulen	2009	12-Nov-09	24	12-Nov-11	25,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
37	FRGS	Credibility Models with Three-level Common Effects of Claim Dependence	Noor Akma bt Ibrahim	1) Adem Kilicman	Sains Tulen	2009	12-Nov-09	24	12-Nov-11	34,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
38	FRGS	A Public Key Cryptosystem Using Iterated Function System (IFS) Fractals Theory	Mohamad Rushdan Md Said	1) Nadia Mohammed G. Al-Saidi 2) En. Muhammad Rezal Kamel Ariffin	Sains Tulen	2009	12-Nov-09	24	12-Nov-11	31,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Kriptografi, Analisis dan Struktur
39	FRGS	Theoretical Development of Mix-Multistep Method for the Solution of Differential Algebraic Equations	Mohamed Bin Suleiman	1) Yong Faezah Rahim 2) Zarina Bibi Ibrahim	Sains Tulen	2009	12-Nov-09	24	12-Nov-11	35,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
40	FRGS	A New Approach of Free-table Routing for CHRm6 Networks	Mohamed Othman	1) Prof. Madya Dr. Hj. Mohd. Hasan Selamat 2) Puan Raja Noor Farah Azura bt Raja Maamor Shah	Sains Tulen	2009	12-Nov-09	24	12-Nov-11	35,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
41	FRGS	Impact Of Pedagogical, Psycho-Social And Cultural Perspective On Mathematics Achievement: A Comparative Study On Malaysia And Singapore Learners	Wan Zah Wan Ali	1) Prof. Madya Dr. Rohani Ahmad Tarmzi	Sains Sosial & Kemanusiaan	2009	12-Nov-09	30	31-May-12	38,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Etnomatematik dan Didaktik
42	FRGS	Ant Colony Optimisation for Combinatorial Optimisation Problems	Lee Lai Soon	1) Dr. Zanariah Abdul Majid 2) Seow Hsin Vonn	Sains Tulen	2010	19-Apr-10	24	18-Apr-12	53,200.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
43	FRGS	Quantum Chaos Theory in Terms of Causal Interpretation of Bohmian Quantum Mechanics	Hishamuddin Zainuddin	1) Saeid Molladavoudi	Sains Tulen	2010	19-Apr-10	24	18-Apr-12	52,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
44	FRGS	Development of Variable Order Blok Multistep Method for Solving Ordinary Differential Equations (ODEs)	Zarina Bibi Ibrahim	1) Prof. Dato' Dr. Mohamed Suleiman 2) Dr. Khairil Iskandar Othman	Sains Tulen	2010	19-Apr-10	24	18-Apr-12	49,600.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik

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45	FRGS	Robust Estimation and Outlier Detection in Response Surface Methodology	Habshah Midi	1) Dr. Norazan Mohamed Ramli	Sains Tulen	2010	19-Apr-10	24	18-Apr-12	48,800.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
46	FRGS	Modeling and Analysis of Survival Data Models with a Cure Fraction	Mohd Rizam bin Abu Bakar	1) Prof. Madya Dr. Hjh. Noor Akma Ibrahim	Sains Tulen	2010	19-Apr-10	24	18-Apr-12	48,800.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
47	FRGS	Convective Boundary Layer Flow of a Nanofluid	Norihan Md. Arifin	1) Prof. Madya Dr. Fudziah Ismail 2) Fadzilah Md. Ali 3) Pn. Norfifah Bachok@Lati	Sains Tulen	2010	19-Apr-10	24	18-Apr-12	45,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
48	FRGS	Estimation of Default Probability Using Survival Analysis	Noor Akma Ibrahim	1) Dr. Jay 2) Abdul Kudus	Sains Tulen	2010	19-Apr-10	24	18-Apr-12	44,800.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
49	FRGS	An Integral Solution of Diophantine Equation	Siti Hasana Sapar	1) Prof. Dato' Dr. Hj. Kamel Ariffin Mohd. Atan	Sains Tulen	2010	19-Apr-10	24	18-Apr-12	43,680.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Kriptografi, Analisis dan Struktur
50	FRGS	Discretization of Chaotic Dynamical Map for Cryptographic Implementation	Muhammad Rezal bin Dato' Dr. Kamel Ariffin	1) Prof. Madya Dr. Mohamad Rushdan Md. Said 2) Aniza Abdul Ghani 3) Nor Azman Abu	Sains Tulen	2010	19-Apr-10	24	18-Apr-12	41,600.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Kriptografi, Analisis dan Struktur
51	FRGS	On Classification of Complex Filiform Leibniz Algebras in Dimensions 9 until 11	Sharifah Kartini binti Said Husain	1) Prof. Madya Dr. Isamiddin S. Rakhimov 2) Dr. Siti Hasana Sapar	Sains Tulen	2010	19-Apr-10	24	18-Apr-12	40,640.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Kriptografi, Analisis dan Struktur
52	FRGS	Recurrence Relations & Cryptography	Azmi bin Jaafar	1) Prof. Madya Dr. Mohamad Rushdan Md. Said	Teknologi dan Kejuruteraan	2010	19-Apr-10	24	18-Apr-12	40,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
53	FRGS	Multiple Curved Cracks Problems in Antiplane Elasticity	Nik Mohd. Asri Nik Long	1) Dr. Zainidin K. Eshkuvatov	Sains Tulen	2010	19-Apr-10	24	18-Apr-12	40,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
54	FRGS	Pendokumentasian Manuskrip Sains Matematik Melayu-Campa	Mat Rofa Ismail	1) Prof. Madya Dr. Rohani Ahmad Tarmizi 2) Prof. Madya Mohamad Zain bin Musa 3) Dr. Mohammad Alinor bin Abdul Kadir	Natural Sciences and National Heritage (Geologi, Arkeologi, Taxonomi, Biodiversiti, Ekologi dll)	2010	19-Apr-10	24	18-Apr-12	37,500.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Etnomatematik dan Didaktik
55	FRGS	Mathematical Model to Study the Transmission Dynamics and Impact of Interventions of Hand, Foot and Mouth Disease in Malaysia	Ishtrinayagy S. Krishnarajah	1) Professor Dato' Dr. Lye Munn Sann 2) Prof. Madya Dr. Hjh. Noor Akma Ibrahim 3) Pn. Syarifah Nasrisya Syed Nor Azlan	Sains Tulen	2010	19-Apr-10	36	18-Apr-13	36,800.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik

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56	FRGS	Embedded Diagonally Implicit Runge-Kutta Nystrom Methods for Oscillatory Problems	Norazak Senu	1) Prof. Dato' Dr. Mohamed Suleiman 2) Prof. Madya Dr. Fudziah Ismail 3) Pn. Norfifah Bachok@Lati	Sains Tulen	2010	1-Oct-10	30	31-Mar-13	52,800.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
57	FRGS	A Study of String Cosmological Models with Time Decaying Vacuum Energy Density Λ and Related Problems	Hishamuddin Zainuddin	1) Hassan Amirhashchi 2) Anirudh Pradhan	Sains Tulen	2010	1-Oct-10	24	30-Sep-12	38,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
58	FRGS	Isomorphism Classes and Invariants of Low Dimensional Complex Filiform Leibniz Algebras	Isamidin S. Rakhimov	1) Prof. Dato' Dr. Hj. Kamel Ariffin Mohd. Atan 2) Prof. Madya Dr. Mohamad Rushdan Md. Said 3) Pn. Sharifah Kartini binti Said Husain 4) Pn. Witriany Basri 5) Munther A.Hassan	Sains Tulen	2011	1-Mar-11	24	28-Feb-13	60,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Kriptografi, Analisis dan Struktur
59	FRGS	Structural Properties of Some Classes of Dialgebras Over Complex Numbers	Witriany Basri	1) Prof. Madya Dr. Mohamad Rushdan Md. Said 2) Prof. Madya Dr. Isamidin S. Rakhimov 3) Dr. Ikrom Mirzarustamovich Rikhsiboev	Sains Tulen	2011	1-Mar-11	24	28-Feb-13	58,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Kriptografi, Analisis dan Struktur
60	FRGS	Modern Approximation Methods for Solving Singular Integral Equations of the Second and Third Kind	Zainidin K. Eshkuvatov	1) Prof. Madya Dr. Nik Mohd. Asri Nik Long 2) Prof. Madya Dr. Fudziah Ismail 3) Dr. Anvarjon Ahmedov	Sains Tulen	2011	1-Mar-11	24	28-Feb-13	38,200.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
61	FRGS	Generalised BDF (GBDF) Method for the Solution of ODEs	Mohamed Suleiman	1) Dr. Norazak Senu 2) Khairil Iskandar Othman 3) Dr. Zarina Bibi Ibrahim 4) Fuziyah Ishak 5) Prof. Madya Dr. Zanariah Abdul Majid	Sains Gunaan	2011	1-Mar-11	24	28-Feb-13	71,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
62	FRGS	Developing and Implementation of Direct Method for Solving Linear Two Point Boundary Value Problem	Zanariah Abdul Majid	1) Prof. Dato' Dr. Mohamed Suleiman 2) Prof. Madya Dr. Fudziah Ismail	Sains Gunaan	2011	1-Mar-11	24	28-Feb-13	57,800.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
63	FRGS	Design of Adaptive Learning to Optimize Instructional Efficiency in Mathematics Learning	Rohani Ahmad Tarmizi	1) Dr. Ahmad Fauzi Mohd Ayub 2) Prof. Madya Dr. Wan Zah Wan Ali 3) Dr. Mokhtar bin Dato' Haji Nawawi	Sastera dan Sastera Iktisas	2011	1-Aug-11	36	31-Jul-14	50,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Etnomatematik dan Didaktik
64	FRGS	Flux Modeling of Optical Properties of Leaves and Fruits	Zulkifty Abbas	1) Mohd Amiruddin bin Abd Rahman	Sains Gunaan	2011	1-Aug-11	36	31-Jul-14	120,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
65	FRGS	Accelerated Rung-Kutta Method for Solving Second Order Fuzzy Differential Equations	Mohamed Suleiman	1) Prof. Madya Dr. Fudziah Ismail 2) SeyedAli AhmadianHossieni	Sains Gunaan	2012	1-May-12	24	1-May-14	146,600.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
66	FRGS	Analysis of Antennas by WE-FDTD Method Using a Fast and New Efficient Block Iterative Algorithm on Distributed Parallel Computer	Mohamed Othman	1) Noraini Md Nusi	Sains Gunaan	2012	1-May-12	24	1-May-14	74,800.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
67	FRGS	Predictive Models of Mathematics Performance Based on Mathematics Engagement Among Malaysian Secondary School Students	Ahmad Fauzi Mohd Ayub	1) Prof. Madya Dr. Rohani Ahmad Tarmizi 2) Prof. Dr. Kamariah Abu Bakar 3) Prof. Dr. Aida Suraya Md. Yunus 4) Prof. Dr. Wan Zah Wan Ali 5) Dr. Rosnani Mahmud	Sastera dan Sastera Iktisas	2012	1-May-12	36	1-May-15	50,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Etnomatematik dan Didaktik

Bil.	Skim Geran	Tajuk Projek	Ketua Projek	Penyelidik Bersama	Bidang Penyelidikan	Tahun Diterima	Tarikh Mula	Tempoh (bulan)	Tarikh Tamat	Jumlah Diluluskan (RM)	Sumber Pembiayaan	Laboratori
68	FRGS	Double Bootstrap Confidence Interval for Log-Logistic Model with Covariate and Censored Data	Jayanthi a/p Arasan	1) Prof. Dr. Hjh. Noor Akma Ibrahim 2) Dr. Mohd. Bakri Adam	Sains Tulen	2012	1-May-12	24	1-May-14	48,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
69	FRGS	On Degenerations of Low Dimensional Complex Leibniz Algebras	Sharifah Kartini Said Husain	1) Prof. Madya Dr. Isamiddin S. Rakhimov 2) Dr. Siti Hasana Sapar	Sains Tulen	2012	1-May-12	24	1-May-14	40,000.00	Kementerian Pengajian Tinggi (KPT)	Laboratori Kriptografi, Analisis dan Struktur
70	FRGS	Numerical Solution of Direct Multistep Block Methods for Solving Higher Order Boundary Value Problems	Zanariah Abdul Majid	1) Prof. Dr. Fudziah Ismail 2) Prof. Madya Dr. Zarina Bibi Ibrahim	Sains Gunaan	2013	1-Mar-13	24	1-Mar-15	164,000.00	Kementerian Pendidikan Malaysia (KPM)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
71	FRGS	Necessary and Sufficient Conditions for Evasion in Multiplayer Differential Game with Integral Constraints on Control Functions	Ibragimov Gafurjan	1) Prof. Dr. Fudziah Ismail 2) Prof. Madya Dr. Zanariah Abdul Majid 3) Prof. Madya Dr. Leong Wah June 4) En. Risman Mat Hasim 5) Chik Yusra bt Salleh	Sains Tulen	2013	1-May-13	24	1-May-15	61,000.00	Kementerian Pendidikan Malaysia (KPM)	Laboratori Kriptografi, Analisis dan Struktur
72	FRGS	A New Copula-based System for Physical Random Phenomena	Mahendran Shitan	1) Prof. Dr. Habshah Midi 2) Paulie Mah Jin Wee	Sains Tulen	2013	1-May-13	24	1-May-15	61,000.00	Kementerian Pendidikan Malaysia (KPM)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
73	FRGS	On the Cardinality of the Set of Solutions to Congruence Equation Associated with Higher Degree Polynomial	Siti Hasana Sapar	1) Prof. Dato' Dr. Hj. Kamel Ariffin Mohd. Atan 2) Prof. Madya Dr. Mohamad Rushdan Md. Said	Sains Tulen	2013	1-May-13	24	1-May-15	61,000.00	Kementerian Pendidikan Malaysia (KPM)	Laboratori Kriptografi, Analisis dan Struktur
74	FRGS	Cure Model for Interval Censoring with Time-Dependent Covariates	Noor Akma Ibrahim	1) Prof. Madya Dr. Mohd Rizam bin Abu Bakar 2) Dr. Jayanthi a/p Arasan	Sains Tulen	2013	1-May-13	24	1-May-15	63,000.00	Kementerian Pendidikan Malaysia (KPM)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
75	FRGS	Mathematical Modeling of Flow and Heat Transfer over a Stretching/Shrinking Cylinder in Nanofluid	Norfifah Bachok@Lati	1) Prof. Madya Dr. Norihan Md. Arifin 2) Dr. Norazak Senu 3) Dr. Fadzilah Md Ali	Sains Gunaan	2013	1-May-13	24	1-May-15	69,000.00	Kementerian Pendidikan Malaysia (KPM)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
76	FRGS	Darcy-Forchheimer Convective Flow and Heat Transfer of an Incompressible Fluid Embedded in a Porous Medium	Norihan Md. Arifin	1) Dr. Fadzilah Md Ali 2) Pn. Nurfifah Bachok@Lati	Sains Gunaan	2013	1-May-13	24	1-May-15	69,000.00	Kementerian Pendidikan Malaysia (KPM)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
77	FRGS	Assessment of Primary and Secondary Mathematics Teachers' Affective Paradigm and Higher Order Thinking Skills (HOTS) Ability : A Brain-Based Instructional Strategies Perspective	Mat Rofa Ismail	1) Prof. Dr. Kamariah Abu Bakar 2) Prof. Madya Dr. Rohani Ahmad Tarmizi 3) Dr. Ahmad Fauzi Mohd Ayub 4) Dr. Sharifah Kartini Said Husain 5) Prof. Dr. Aida Suraya Md. Yunus	Sastera dan Sastera Iktisas	2013	1-May-13	24	1-May-15	80,000.00	Kementerian Pendidikan Malaysia (KPM)	Laboratori Etnomatematik dan Didaktik
78	FRGS	High Leverage Collinearity Influential Observations and New Robust Ridge Estimator for Logistic Regression	Habshah Midi	1. Dr. Md. Sohel Rana	Sains Gunaan	2013	1-Dec-13	24	1-Dec-15	88,850.00	Kementerian Pendidikan Malaysia (KPM)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
79	FRGS	Fundamental Mathematical Cryptanalysis Treatment on Side Channel Attacks Upon the $AA_{(\beta)}$ Public Key Cryptosystem	Muhammad Rezal Kamel Ariffin	1. Prof. Madya Dr. Mohamad Rushdan Md. Said 2. Prof. Madya Dr. Santo Banerjee 3. Dr. Siti Hasana Sapar	Sains Gunaan	2013	1-Dec-13	24	1-Dec-15	93,000.00	Kementerian Pendidikan Malaysia (KPM)	Laboratori Kriptografi, Analisis dan Struktur

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80	FRGS	Development and Implementation of Fuzzy Version of Block Backward Differentiation Formulas (FBBDF) For Solving Fuzzy Differential Equations	Zarina Bibi Ibrahim	1. Prof. Madya Dr. Zanariah Abdul Majid 2. Prof. Madya Dr. Khairil Iskandar Othman 3. Dr. Norfifah Bachok@Lati	Sains Gunaan	2013	1-Dec-13	24	1-Dec-15	62,000.00	Kementerian Pendidikan Malaysia (KPM)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
81	FRGS	Lyapunov Function Approach and Global Convergence of Iterative Methods for Unconstrained Optimization	Leong Wah June	1. Prof. Madya Dr. Zarina Bibi Ibrahim 2. Fahreddin Abedi 3. Aliyu Usman Moyi	Sains Tulen	2013	1-Dec-13	24	1-Dec-15	63,000.00	Kementerian Pendidikan Malaysia (KPM)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
82	FRGS	Non Monotonic Hazard Model For Right And Left Truncated Data With Mixed Case Interval-Censored Lifetimes And Time Varying Covariates	Jayanthi a/p Arasan	1. Prof. Dr. Noor Akma Ibrahim 2. Prof. Dr. Habshah Midi	Sains Gunaan	2014	1-Dec-14	24	30-Nov-16	55,000.00	Kementerian Pendidikan Malaysia (KPM)	Laboratori Statistik Komputasi dan Penyelidikan Operasi
83	FRGS	Evaluation of Option Pricing by Using the Mixed Fractional Brownian Motion	Adem Kilicman	1. Prof. Madya Dr. Siti Hasana Sapar 2. Dr. Norazak Senu	Sains Gunaan	2014	1-Dec-14	24	30-Nov-16	58,000.00	Kementerian Pendidikan Malaysia (KPM)	Laboratori Kriptografi, Analisis dan Struktur
84	FRGS	The Problem of Description of a Class of Complex Filiform Leibniz Algebras	Isamiddin S. Rakhimov	1. Prof. Madya Dr. Siti Hasana Sapar 2. Dr. Sharifah Kartini Said Husain 3. Prof. Dato' Dr. Hj. Kamel Ariffin Mohd. Atan	Sains Tulen	2014	1-Dec-14	24	30-Nov-16	78,000.00	Kementerian Pendidikan Malaysia (KPM)	Laboratori Kriptografi, Analisis dan Struktur
85	FRGS	Symmetry Reductions for Systems of Quantum Information Theory	Hishamuddin Zainuddin	1. En. Chan Kar Tim 2. Dr. Bahari Idrus	Sains Tulen	2014	1-Dec-14	24	30-Nov-16	140,000.00	Kementerian Pendidikan Malaysia (KPM)	Laboratori Sains Berkomputasi dan Fizik Bermatematik
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