

No.	Grant Scheme	Project Title	Project Leader	Co Researcher	Research Area	Year Received	Start Date (as per Agreement)	Duration (months)	Completion Date	Total Approved (RM)	Funding Sources	Laboratory
1	RUGS	Genetic Forecasting Algorithm in Finance	NOOR AKMA IBRAHIM	1.Prof.Dr.Ahmad Zubaidi Baharumshah 2.Prof.Dr.Ismail Mohd.	Science Technology and Engineering	2007	27-Jun-07	30 bulan	31-Dis-09	55,000.00	UPM	Laboratory of Computational Statistics & Operations Research
2	RUGS	Similarity Solutions for Convection Boundary Layer Flows Along Vertical Moving Thin Needles	NORIHAN MD. ARIFIN	1.PM Dr. Roslinda Mohd Nazar 2.Fadzilah Md. Ali 3.Syakila Ahmad	Science Technology and Engineering	2007	27-Jun-07	30 bulan	31-Dis-09	57,000.00	UPM	Laboratory of Computational Science and Mathematical Physics
3	RUGS	Parallel Solution of Implicit Block Direct Integration Method of Adams Moulton Type for Solving Higher Order Systems of Ordinary Differential Equations	ZANARIAH BINTI ABDUL MAJID	1.Prof.Dato'Dr.Mohamed bin Suleiman 2.Dr.Zarina Bibi Ibrahim	Science Technology and Engineering	2007	27-Jun-07	30 bulan	31-Dis-09	30,000.00	UPM	Laboratory of Computational Science and Mathematical Physics
4	RUGS	Development of Microwave Photonics Instrumentation System for Agricultural Applications	ZULKIFLY ABBAS	PM Dr.Jumiah Hassan	Science Technology and Engineering	2007	27-Jun-07	24 bulan	26-Jun-09	84,000.00	UPM	Laboratory of Computational Science and Mathematical Physics
5	RUGS	Pembangunan dan Penerimaan Pelajar Terhadap Penggunaan Portal Untuk Pengajaran dan Pembelajaran Matematik Kalkulus di Peringkat Sekolah Menengah dan Institut Pengajian Tinggi/Swasta	AHMAD FAUZI BIN MOHD AYUB	1.Dr.Wong Su Luan 2.PM Dr.Wan Zah Wan Ali 3.Dr.Siti Hasana Sapar 4.Dr.Wan Marzuki Wan Jaafar 5.Dr.Habibah Ab.Jalil 6.Norfifah Bachok@Lati	Social Science	2007	27-Jun-07	30 bulan	31-Dis-09	65,705.00	UPM	Laboratory of Ethnomathematics and Didactics
6	RUGS	Enhancing Mathematical Thinking Through Exploration Into Visualization in Learning Mathematics	ROHANI AHMAD TARMIZI	Dr.Wan Zah Wan Ali	Social Science	2007	27-Jun-07	24 bulan	26-Jun-09	32,700.00	UPM	Laboratory of Ethnomathematics and Didactics
7	RUGS	Stochastic Modelling of Dengue Fever	ISTHRINAYAGY S. KRISNARAJAH	Pn. Syarifah Nasrisya Syed Nor Azlan	Science Engineering and IT	2007	21-Jan-08	30 bulan	31-Jul-10	30,000.00	UPM	Laboratory of Computational Science and Mathematical Physics
8	RUGS	Magnetic braking in liquid-metal flows in metallurgical industries	MOHD. NOOR SAAD	-	Science Engineering and IT	2007	21-Jan-08	26 bulan	31-Mac-09	30,000.00	UPM	Laboratory of Computational Science and Mathematical Physics
9	RUGS	Application of Efficient Multivariate Quality Control Charts for Service Sectors in Malaysia	MOHAMAD NOOH BIN HASSAN	1.PM Dr. Habshah Midi 2.Mohd.Shafie Mustafa	Science Technology and Engineering	2008	07-Jul-08	24 bulan	16-Jul-10	30,000.00	UPM	Laboratory of Computational Statistics & Operations Research

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10	RUGS	Scientific Collaboration Network Structure In UPM	Zurita Ismail	1) Prof. Madya Dr. Hishamuddin Zainuddin	Science Technology and Engineering	2009	27-Aug-09	24	26-Jul-11	25,000.00	UPM	Laboratory of Computational Science and Mathematical Physics
11	RUGS	Assessing Utilizations Of E-book Among Mathematics Students In Higher Learning	Malathi a/p Letchumanan	-	Social Science	2009	27-Aug-09	24	26-Aug-11	30,000.00	UPM	Laboratory of Ethnomathematics and Didactics
12	RUGS	Class of Automorphism Groups Of Metacyclic p-Groups	Idham Arif Haji Alias	-	Science Technology and Engineering	2009	27-Aug-09	24	27-Aug-11	30,000.00	UPM	Laboratory of Cryptography, Analysis and Structure
13	RUGS	Applications Of Convolutional Operators And Integral Transform For Partial Differential Equations	Adem Kilicman	1) Fudziah Ismail 2) Idham Arif Alias 3) Hassan Eltayeb Gadain	Science Technology and Engineering	2009	27-Aug-09	36	26-Aug-12	95,000.00	UPM	Laboratory of Cryptography, Analysis and Structure
14	RUGS	Robust Bootstrap Algorithm For Linear Regression In The Presence Of Outliers	Habshah Midi	-	Science Technology and Engineering	2009	27-Aug-09	24	27-Aug-11	54,000.00	UPM	Laboratory of Computational Statistics & Operations Research
15	RUGS	Inference For Repairable System Model Based On Repair History And Covariates	Jayanthi a/p Arasan	-	Science Technology and Engineering	2009	27-Aug-09	36	26-Aug-12	36,000.00	UPM	Laboratory of Computational Statistics & Operations Research
16	RUGS	Implementation of Two Steps Method for Solving Directly Two Point Boundary Value Problem	Zanariah Abdul Majid	Fudziah Ismail	Science Technology and Engineering	2010	18-Jun-10	30	16-Dec-12	48,000.00	UPM	Laboratory of Computational Science and Mathematical Physics
17	RUGS	An Analytical Hierarchy Process decision Model for Broadband Providers Selection of Serdang Residents	Iszuanie Syafidza Che Ilias	-	Science Technology and Engineering	2010	18-Jun-10	24	17-Jun-12	30,000.00	UPM	Laboratory of Computational Statistics & Operations Research
18	RUGS	Multiple Cracks Problem in a Circular Region	Nik Mohd. Asri Nik Long	Dr. Zainidin K. Eshkuvatov	Science Technology and Engineering	2010	19-Jul-10	24	18-Jul-12	57,000.00	UPM	Laboratory of Computational Science and Mathematical Physics
19	RUGS	Enhancing Visualization Through Use of Interactive Multimedia for Mathematics Learning	Ahmad Fauzi bin Mohd Ayub	1) PM Dr. Rohani Ahmad Tarmizi 2) Prof. Kamariah Abu Bakar 3) PM Dr. Wong Su Luan	Social Science	2010	10-Dec-10	24	9-Dec-12	33,000.00	UPM	Laboratory of Ethnomathematics and Didactics

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20	RUGS	Localization Of The Spectral Expansions Of Distributions Connected With Singular Operator Of Quant Mechanics	Anvarjon Ahmedov	1. Prof. Dr. Abdulmalik Rakhimov 2. Prof. Madya Dr. Hishamuddin Zainuddin 3. Prof. Madya Dr. Nik Mohd. Asri Nik Long	Science Technology and Engineering	2011	15-Apr-11	18	13-Oct-12	20,000.00	UPM	Laboratory of Computational Science and Mathematical Physics
21	RUGS	Numerical Methods for Solving Fuzzy Ordinary Differential Equations	Fudziah Ismail	1. Prof. Dato' Dr. Mohamed Suleiman 2. Reza Afshari Nafar	Science Technology and Engineering	2011	15-Apr-11	24	14-Apr-13	34,000.00	UPM	Laboratory of Computational Science and Mathematical Physics
22	RUGS	Applying Stochastic Predator Prey Model to Evaluate Large Mammals Population: Tiger (Panthera Tigris) Predation	Mohamed Faris Laham	1. Prof. Madya Dr. Hishamuddin Zainuddin 2. Dr. Isthrinayagy S. Krishnarajah	Science Technology and Engineering	2011	15-Apr-11	30	13-Oct-13	30,000.00	UPM	Laboratory of Computational Science and Mathematical Physics
23	RUGS	Alternative Goodness-of-Fit Tests for Extreme Value Distribution	Nahdiya Zainal Abidin	1. Dr. Mohd. Bakri Adam 2. Prof. Madya Dr. Habshah Midi	Science Technology and Engineering	2011	15-Apr-11	30	13-Oct-13	30,000.00	UPM	Laboratory of Computational Statistics & Operations Research
24	RUGS	A Note On Double Integrals In Infinite Plane With Logarithmic Singularities	Zainidin K. Eshkuvatov	1. Prof. Madya Dr. Habshah Midi 2. Prof. Madya Dr. Nik Mohd. Asri Nik Long 3. Dr. Anvarjon Ahmedov	Science Technology and Engineering	2011	15-Apr-11	24	14-Apr-13	32,000.00	UPM	Laboratory of Computational Science and Mathematical Physics
25	RUGS-3	Geometrical and Group-Theoretical Aspects of Quantum Entanglement	Hishamuddin Zainuddin	1. Saeid Molladavoudi 2. Ahmad Hazazi	Science Technology and Engineering	2012	1-Sep-12	24	1-Sep-14	44,000.00	UPM	Laboratory of Computational Science and Mathematical Physics
26	RUGS-3	Ecometric Time Series Modelling of Rice Production in Malaysia and Bangladesh	Mahendran Shitan	1. Dr. Provash Kumar Karmokar 2. Dr. A.B.M. Rabiul Alam Beg	Science Technology and Engineering	2012	1-Sep-12	24	1-Sep-14	44,000.00	UPM	Laboratory of Computational Statistics & Operations Research
27	RUGS-3	Etnomantik Dalam Konteks Pemikiran Matematik Lanjutan	Mat Rofa Ismail	1. Prof. Madya Dr. Habsah Ismail 2. Dr. Sharifah Kartini Said Husain 3. Dr. Idham Arif Haji Alias	Science Technology and Engineering	2012	1-Sep-12	24	1-Sep-14	34,000.00	UPM	Laboratory of Ethnomathematics and Didactics
28	RUGS-3	Construction of Optimal Strategies for Players in Linear Pursuit and Evasion Differential Games with Integral Conatraits	Ibragimov Gafurjan	1. Prof. Madya Dr. Fudziah Ismail 2. Dr. Idham Arif Haji Alias 3. En. Risman Mat Hasim	Science Technology and Engineering	2012	1-Sep-12	24	1-Sep-14	40,000.00	UPM	Laboratory of Cryptography, Analysis and Structure
29	RUGS-3	Modeling acceptance Probability Using Dynamic Programming Hybridised with Bayesian Updating and An Acceptance Specific Modified Classification and Regression Tree	Lee Lai Soon	1. Prof. Dr. Lee Chew Ging 2. Prof. Madya Dr. Seow Hsin Vonn 3. Tee Ya Mei	Science Technology and Engineering	2012	1-Sep-12	24	1-Sep-14	53,000.00	UPM	Laboratory of Computational Statistics & Operations Research

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30	RUGS-6	Bayesian Extreme Value for Financial Modeling	Mohd. Bakri Adam	Mohammad Rostami	Science Technology and Engineering	2012	1-Sep-12	24	1-Sep-14	13,000.00	UPM	Laboratory of Computational Statistics & Operations Research
31	RUGS-2	A Novel Water Quality Index for Langat River	Noor Akma Ibrahim	1. Prof. Madya Dr. Mahendran Shitan 2. Prof. Madya Dr. Hafizan Juahir 3. Zalina Mohd Ali	Science Technology and Engineering	2012	1-Nov-12	24	1-Nov-14	39,000.00	UPM	Laboratory of Computational Statistics & Operations Research
32	RUGS-3	Structural Properties and Generalizations of Some Algebraic Systems	Isamiddin S. Rakhimov	1. Prof. Dato' Dr. Hj. Kamel Ariffin Mohd. Atan 2. Dr. Sharifah Kartini Said Husain 3. Dr. Siti Hasana Sapar 3. Dr. Kalyan Kumar Dey 4. Pn. Witriany Basri	Science Technology and Engineering	2012	1-Nov-12	24	1-Nov-14	34,000.00	UPM	Laboratory of Cryptography, Analysis and Structure
33	RUGS-3	Theoretical Development of Multiblock Backward Differentiation Formulas for Solving Boundary Value Problems (BVPs)	Zarina Bibi Ibrahim	1. Prof. Dato' Dr. Mohamed Suleiman 2. Prof. Madya Dr. Zanariah Abdul Majid 3. Nor Ain Azeany Mohd Nasir	Science Technology and Engineering	2012	1-Nov-12	24	1-Nov-14	40,000.00	UPM	Laboratory of Computational Science and Mathematical Physics
34	RUGS-3	Structural Properties of Automorphism Groups of p-Groups	Idham Arif Haji Alias	-	Science Technology and Engineering	2012	1-Nov-12	24	1-Nov-14	22,000.00	UPM	Laboratory of Cryptography, Analysis and Structure
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