

UNIVERSITI KEBANGSAAN MALAYSIA
SENARAI KEPUTUSAN PENILAIAN SEMULA KATEGORI C & D
PROJEK FUNDAMENTAL RESEARCH GRANT SCHEME (FRGS) RMK-9 KITAR 1 TAHUN 2006
(YANG DIPERAKU)

BIL.	F/I/P	KETUA PROJEK	TAJUK PROJEK	BIDANG	JUM. DIPOHON (RM)	JUM. DIPERAKU UKM (RM)	KEPUTUSAN PENILAIAN	CATATAN UKM
1	FEP	Doris Padmini Selvaratnam	Lifestyle of the Elderly in Rural and Urban Malaysia	Sains Sosial dan Kemanusiaan	147,140.00	28,000.00	Diperaku	
2	FEP	Mohd. Fauzi Mohd Jani	Dadah dan Masyarakat : Pembangunan Instrumen Petunjuk Awal Ketaguhan Dadah di kalangan Remaja dan Rangka Pemilihbaikan mengikut Tahap Kritikal	Sains Sosial dan Kemanusiaan	234,784.00	26,000.00	Diperaku	
3	FEP	Mansor Jusoh	Ketahanan Fisikal dan Dasar Kadar Bunga: Dampak Terhadap Inflasi dan Ekonomi Benar	Sastera dan Sastera Ikhtisas	186,000.00	36,000.00	Diperaku	
4	FEP	Noor Azlan Ghazali	Economic Freedom and Banking Development in Malaysia, Indonesia and Thailand	Sastera dan Sastera Ikhtisas	158,500.00	36,000.00	Diperaku	Sesuaiakan perbelanjaan untuk 2 tahun, Ketua projek ditukar kepada Dr. Low Soo Wah kerana ketua projek berkhidmat di luar UKM
5	FEP	Rahmah Ismail	Modal Insan dan Agihan Pendapatan di Malaysia	Sastera dan Sastera Ikhtisas	228,300.00	36,000.00	Diperaku	Tempoh projek 2 tahun
6	FEP	Tih Sio Hong	Modeling of Junior Entrepreneurship Attitude and Intention	Sastera dan Sastera Ikhtisas	386,800.00	36,000.00	Diperaku	
7	FKEJUT	Siti Rozaimah bte Sheikh Abdullah	A Hybrid Reed Bed System for Complete Nitrification and Denitrification of Domestic Sewage	Sains Tulen dan Sains Gunaan	188,500.00	16,000.00	Diperaku	Please rescope to the amount approved.

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8	FKEJUT	Masturah binti Markom	Rapid High-Pressure Extration Approach For The Phytochemical Characterization of Cabomba furcata	Sains Tulen dan Sains Gunaan	186,000.00	24,296.00	Diperaku	Suggest that the project runs over a 2 years period. Therefore to adjust objective so that the research can be completed within the time suggested.
9	FKEJUT	Noorhisham Tan Kofli	Isolation of Acid Lactic Bacteria From Tempoyak For Probiotic Source	Sains Tulen dan Sains Gunaan	199,000.00	24,296.00	Diperaku	Shorten project duration to 24 months. Modify objectives accordingly.
10	FKEJUT	Azrul A.Mutalib	Konsep Sistem Perbandaran Bestari dari Perspektif Kejuruteraan Awam dan Arkitektur	Teknologi dan Kejuruteraan	229,000.00	65,000.00	Diperaku	Please rescope to the amount approved. Please consider Bandar Baru Bangi & Kampus UKM Bangi as a priority.
11	FKEJUT	Fatihah Suja'	The Fate and Transport of Nitrogen In A High Capacity Treatment System of A Partially Pakced Biological Aerated Filter	Teknologi dan Kejuruteraan	193,000.00	16,000.00	Diperaku	Please rescope to the amount approved.
12	FKEJUT	Khairul Nizam b. Abdul Maulud	Pembangunan Atlas Tenaga Marin Di Malaysia	Teknologi dan Kejuruteraan	284,000.00	16,000.00	Diperaku	Please rescope to the amount approved.
13	FKEJUT	Noor Ezlin Bt. Ahmad Basri	Development of Zero-Waste Anaerobic And Aerobic Reactor For Simultaneous Production Of Biogas And Organic Fertiliser From Municipal Solid Waste	Teknologi dan Kejuruteraan	253,500.00	16,000.00	Diperaku	Please rescope to the amount approved.
14	FKEJUT	Ahmad Kamal Ariffin Mohd. Ihsan	Development of Boundary Element Inverse Analysis For Corrosioin Detection	Teknologi dan Kejuruteraan	181,000.00	24,296.00	Diperaku	Modify objective, scope & methodologies for 2 year

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15	FKEJUT	Azimin Samsul bin Mohd Tazilan	Development of : Integrated Sustainable Street Micro-Architecture Design For Street-Walk Retail and Public Facilities Spaces in Malaysia	Teknologi dan Kejuruteraan	169,000.00	24,296.00	Diperaku	Rescope the work to 2 years. Re-do the objectives to reflect the timing.
16	FKEJUT	Dzuraidah bt. Abd. Wahab	Development of A Novel Framework For Designing Life Cycle Engineering (LCE) Into Products/Systems At The Conceptual Design Stage	Teknologi dan Kejuruteraan	170,000.00	24,296.00	Diperaku	Adjust duration to 24 month. Modify objective to refiat 24 month and amount approved.
17	FKEJUT	Kamarudin bin Abu Talib	Optimization of Composite Structural Elements using Oil Palm Empty Fruit Bunch (EFB) Dry Board and Folded Steel Plate Systems	Teknologi dan Kejuruteraan	198,400.00	24,296.00	Diperaku	To adjust objectives to cover a 2 years project duration. The project activities should also be adjusted to a durations of 2 years.
18	FKEJUT	Kamarul Afizi Bin Kosman	Kajian Awal Elemen Rekabentuk Keselamatan, Keselesaan dan Tenaga Rendah di Skim Perumahan Pangsa Satu Bilik Sedia Ada Di Malaysia	Teknologi dan Kejuruteraan	204,000.00	24,296.00	Diperaku	Reoriented to address fundamental aspects of the rural comfort in typical Malaysian flats and rescope to 2 years.
19	FKEJUT	Mariyam Jameelah Ghazali	Development of Alumina Micro-Coated Stainless Steel For Surgical Tools	Teknologi dan Kejuruteraan	229,000.00	24,296.00	Diperaku	Rescope objective for 2 years.
20	FKEJUT	Mohd Sobri Takriff	Multiphase Mixing In Chemical And Biochemical Processes	Teknologi dan Kejuruteraan	184,000.00	24,296.00	Diperaku	Suggest that the project runs over a 2 years period.

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21	FKEJUT	Muhamaad Farihan Irfan B. Mohd Nor	A Preliminary Study On The Application Of Cad Technology In Assisting The Building Delivery Process In Malaysia. A Case Study on 50 Architectural Firms	Teknologi dan Kejuruteraan	200,500.00	24,296.00	Diperaku	Modify objectives, scope & methodology for 2 years
22	FKEJUT	Othman A. Karim	Characteristics of A high Efficiency Marine Energy Converter	Teknologi dan Kejuruteraan	318,000.00	24,296.00	Diperaku	Modify duration to 24 months. Modify objectives accordingly.
23	FKEJUT	Rakmi Abd. Rahman	Integrated Water Resources Management With Aquifer Storage And recovery In Langat Basin	Teknologi dan Kejuruteraan	233,000.00	24,296.00	Diperaku	1)Modify objectives, scope and methodology for 2 years. 2)Reorientate project to highlight fundamental aspects of hydrology.
24	FKEJUT	Salina Abdul Samad	Algorithm Development In Joint Audio-Visual Signal Processing For Malay Speech Recogniton	Teknologi dan Kejuruteraan	169,540.00	24,296.00	Diperaku	Rescope to 2 years
25	FKEJUT	Yusoff bin Ali	To Study the effect of hydrogen fuel on power train components of internal combustion engine	Teknologi dan Kejuruteraan	202,000.00	24,296.00	Diperaku	Rescope the work to 2 years. Re-do the objectives to reflect the timing.
26	FKEJUT	Zuhairuse b Md. Darus	Prinsip dan Garis Panduan Rekabentuk Rumah Teres Tenaga Rendah / Cepak Tenaga	Teknologi dan Kejuruteraan	212,000.00	24,296.00	Diperaku	2 years research durations.
27	FKEJUT	Siti Aminah binti Hj. Osman	Pembangunan Kaedah Numerik dalam Meramalkan kegagalan Struktur Ringan di Malaysia akibat Angin Ekstrem	Teknologi dan Kejuruteraan	199,000.00	28,444.00	Diperaku	

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28	FPEND	Parilah Mohd. Shah	The Use of Computer-Based Science Materials in English by Science Teachers and Students	Sains Sosial dan Kemanusiaan	255,900.00	28,444.00	Diperaku	
29	FPEND	Ab. Halim bin Tamuri	Pembinaan Modul Pengajian dan Pembelajaran Pendidikan Islam Sekolah Menengah Berasaskan Web	Sains Sosial dan Kemanusiaan	193,000.00	23,000.00	Diperaku	
30	FPEND	Jamil Ahmad	Kajian Pengurusan Pendidikan Ke arah Pendidikan Berkualiti Bertaraf Dunia	Sains Sosial dan Kemanusiaan	198,280.00	26,000.00	Diperaku	
31	FPEND	Manisah Mohd. Ali	Profile and Prevalance of Children with Multiple Exceptionalities in Malaysia	Sains Sosial dan Kemanusiaan	235,472.00	26,000.00	Diperaku	
32	FPEND	Mohd. Taib Harun	Penglibatan Belia Negara dalam Aktiviti Rekreasi pada Masa Senggang	Sains Sosial dan Kemanusiaan	222,610.00	23,000.00	Diperaku	
33	FPEND	Muhammad Hussin	Kajian Indikator Employability dan Workability di kalangan Graduan Melayu IPTA	Sains Sosial dan Kemanusiaan	150,360.00	26,000.00	Diperaku	
34	FPEND	Nor Aishah Buang	Development of a Systematic Public Policy for Fostering Workplace Learning	Sains Sosial dan Kemanusiaan	254,600.00	26,000.00	Diperaku	

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35	FPEND	Rosadah Abd. Majid	Meningkatkan Literasi Emosi Di Kalangan Remaja Menggunakan Kurikulum Secara Infusi dan Difusi	Sains Sosial dan Kemanusiaan	275,000.00	30,000.00	Diperaku	
36	FPEND	Ruhizan binti Mohammad Yasin	Education for the World of Work: Problem Based and Project Oriented Problem Based Learning in Malaysian Polytechnics	Sains Sosial dan Kemanusiaan	200,000.00	30,000.00	Diperaku	
37	FPEND	Salleh Amat	Impak faktor persekitaran ke atas gaya hidup dan pembentukan sifat tanggungjawab remaja Malaysia	Sains Sosial dan Kemanusiaan	200,000.00	26,000.00	Diperaku	
38	FPER	Azmi Baharudin	Comparison of Pull Out Strength between Malaysian Madelpedicle Screw and Monarch/S4/Stryker Pedicle Screw	Sains Perubatan	72,600.00	40,000.00	Diperaku	Project can be performed by a postgraduate student in the Masters of Orthopaedics programme. The equipment cost can be combined with the project by Dr. Badrul Hisham.
39	FPER	Badrul Akmal Hisham Md. Yusoff	Development of Locally-Designed Hinged External Fixator : A Biomechanical Analysis and Compatibility Study	Sains Perubatan	177,000.00	40,000.00	Diperaku	Project can be performed by a postgraduate student in the Masters of Orthopaedics programme. The equipment cost can be combined with the project by Dr. Azmi Baharudin.
40	FPER	Mohamed Abdullah Marwi	Developing Accumulated Degree Hours as a Better Tool in Estimating Post-Mortem Interval in Forensic Cases Involving Blowflies Specimens	Sains Perubatan	199,000.00	35,000.00	Diperaku	Suggest to use departmental staff as a research assistant.

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41	FPER	Noor Aini Abd. Hamid	Induction of B-amyloid protein and signal transduction events in Alzheimer's disease and effect of Tri E supplement	Sains Perubatan	207,000.00	60,000.00	Diperaku	Including one year's salary for a research assistant. Suggest to use departmental resources to help with the other cost. May reduce the number of objectives and scope due to the reduced funding.
42	FPER	Roslina Abdul Manap	A Comparative Study on Functional Independence and Quality of Life (QOL) among Patients undergoing Conventional Maintenance Pulmonary Rehabilitation Versus Feldenkrais Method	Sains Perubatan	165,133.32	35,000.00	Diperaku	Suggest to use the post-graduate MMed student as the research assistant. Use departmental resources to cover other costs. May need to reduce the number of objectives and lessen the scope due to the reduced funding.
43	FPERGG	Roszalina Ramli	Oral and Maxillofacial Trauma : Pattern, Mechanism of Injury, Protection and Socio Economic Impact	Sains Perubatan	150,000.00	20,000.00	Diperaku	Suggest to use departmental staff as a research assistant.
44	FPERGG	Tuti Ningseh bt Mohd Dom	Developing and Validating A Model for Continuous Quality Improvement in Dental Education	Sains Perubatan	109,000.00	20,000.00	Diperaku	Suggest to use departmental or faculty resources to support other costs.
45	FPERGG	Haizal Mohd Hussaini	Identification Of Oral and Systematic Diseases Saliva Biomarkers: A Proteomics Approach	Sains Tulen dan Sains Gunaan	188,040.00	50,000.00	Diperaku	To focus on objective 1, plus some basic biochemical testing.
46	FPI	BadlihashamMohd. Nasir	Pembangunan Metodologi Dakwah Masyarakat Orang Asli di Malaysia	Sains Sosial dan Kemanusiaan	220,105.00	26,000.00	Diperaku	

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47	FPI	Fariza Md. Sham	Perlaksanaan Program Latihan Khidmat Negara (PLKN): Kajian Pembentukan Modul Keusahawanan	Sains Sosial dan Kemanusiaan	159,321.00	28,000.00	Diperaku	
48	FPI	Jaffary Awang	Toleransi Beragama di Kalangan Pelajar-Pelajar di Institut Pengajian Tinggi Swasta di Malaysia dan Indonesia	Sains Sosial dan Kemanusiaan	338,520.00	26,000.00	Diperaku	
49	FPI	Ahamad Asmadi Bin Sakat	Sanad-Sanad Hadith Syeikh Muhammad Zakariyya al-Kandahlawiy dan Pengaruhnya Di Nusantara	Sastera dan Sastera Ikhtisas	162,546.00	28,000.00	Diperaku	
50	FPI	Ismail Bakar	Faktor-faktor Kemunculan Terrorisme Di Dunia Islam dan Pengaruhnya Ke Atas Masyarakat Islam di Malaysia	Sastera dan Sastera Ikhtisas	242,810.00	26,000.00	Diperaku	
51	FPI	Siti Zalikhah Md. Nor	Kajian Pembangunan dan Pengurusan Hartanah Wakaf Majlis Agama Islam Negeri-Negeri Semenanjung Malaysia	Sastera dan Sastera Ikhtisas	112,410.00	30,000.00	Diperaku	
52	FPI	Zulkiple Abd. Ghani	Komunikasi Di Institut Masjid Ke Arah Merealisasi Islam Hadhari di Malaysia	Sastera dan Sastera Ikhtisas	179,899.00	26,000.00	Diperaku	
53	FSKB	Jamia Azdina binti Jamal	Xanthine Oxidases Inhibitory Activity of Flavanoids from Selected Myrsinaceae Spesies	Sains Perubatan	243,500.00	60,000.00	Diperaku	Suggest to focus on objective 1.

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54	FSKB	Nihayah Mohammad	Investigation of Androgenic and Estrogenic Activities of Cola nitida (GORA) Extract	Sains Perubatan	221,000.00	60,000.00	Diperaku	Including RM20,000 for one year's salary for the RA. Suggest to use departmental resources to cover other costs. Focus on one or two main objective only due to the reduced funding.
55	FSKB	Normah Che Din	Neuropsychological dan Psychosocial Wellbeing of Adults with Epilepsy	Sains Perubatan	126,000.00	35,000.00	Diperaku	Suggest to use departmental resources to cover for other costs.
56	FSKB	Siti Zamratol-Mai Sarah Mukari	Measuring Changes in Classroom and Auditory Performance Following the Use of Edulink System in Children with Auditory Processing Disorders	Sains Perubatan	243,000.00	45,000.00	Diperaku	Use departmental resources to cover other costs. May have to reduce the number of objective or scope due to the reduced funding.
57	FSSK	Fatimah Abdullah	Keluarga dan Penjagaan dalam Komuniti : Permasalahan dan Cabaran bagi Penjaga Pesakit Mental di Rumah dalam Keluarga	Sains Sosial dan Kemanusiaan	199,460.00	30,000.00	Diperaku	
58	FSSK	Mastura bte Mahmud	Characteristics and composition of surfacants in the equatorial maritime atmosphere of Malaysia	Sains Tulen dan Sains Gunaan	199,700.00	16,000.00	Diperaku	Please rescope to the amount approved.
59	FSSK	Mohd. Sallehuddin Abd. Aziz	A Computer Based Language Test & Online Platform : Design and Development	Sastera dan Sastera Ikhtisas	202,980.00	28,444.00	Diperaku	

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60	FSSK	Idris Aman	Aksen Bahasa Kebangsaan : Realiti, Identiti, dan Integrasi	Sastera dan Sastera Ikhtisas	132,370.00	28,000.00	Diperaku	
61	FSSK	Ramli Md. Salleh	Kajian Sikap Berbahasa Pantai Timur : Perubahan dan Cabaran	Sastera dan Sastera Ikhtisas	129,194.00	26,000.00	Diperaku	
62	FSSK	Zaharani Bin Ahmad	Proses Pengimbuhan Bahasa Melayu : Suatu Kajian Linguistik Korpus	Sastera dan Sastera Ikhtisas	119,500.00	30,000.00	Diperaku	
63	FST	Kadderi Md Desa	Conceptualization and Exploration of Anthrobiogeosasset as a new class of Natural Resources for Tourism Development	Sains Sosial dan Kemanusiaan	200,000.00	16,000.00	Diperaku	Please rescope to the amount approved.
64	FST	Abdullah Samat	Status kepelbagaian fauna dan kualiti habitat di dua zon marin pesisir Semenanjung Malaysia	Sains Tulen dan Sains Gunaan	176,000.00	16,000.00	Diperaku	Please rescope to the amount approved.
65	FST	Ahmad bin Ismail	Kajian Limnologi Tasik Chini	Sains Tulen dan Sains Gunaan	198,000.00	16,000.00	Diperaku	Please rescope to the amount approved.
66	FST	Hamzah bin Mohamad	The Potentiality of Sabah Basic and Ultrabasic Rocks as Alternative Resources of Ruthenium, Rhodium, Palladium, Osmium, Iridium and Platinum	Sains Tulen dan Sains Gunaan	187,500.00	25,000.00	Diperaku	Please rescope to the amount approved.

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67	FST	Ismail bin Sahid	Kajian Pencemaran Pestisid and nutrien di kawasan tanaman sayuran terpilih	Sains Tulen dan Sains Gunaan	131,000.00	16,000.00	Diperaku	Please rescope to the amount approved.
68	FST	Khairiah Jusoh	Heavy Metal Tolerance Accumulation Studies in selected vegetables (ipmoea aquatica and Brassica sp)	Sains Tulen dan Sains Gunaan	215,100.00	16,000.00	Diperaku	Please rescope to the amount approved.
69	FST	Khatijah bte Haji Hussin	Anatomy, Palynology and Phytochemistry of Malaysian Annonaceae	Sains Tulen dan Sains Gunaan	181,100.00	16,000.00	Diperaku	Please rescope to the amount approved.
70	FST	Maaruf bin Abd. Ghani	Rapid Methods in the investigations of the effect of Fundamental Processing on Chemical Characteristics of Bread	Sains Tulen dan Sains Gunaan	195,000.00	16,000.00	Diperaku	Please rescope to the amount approved.
71	FST	Mamot bin Said	Antioxidant Enzymes and Anti-Tyrosinase Activities of Selected "ULAM"	Sains Tulen dan Sains Gunaan	167,000.00	16,000.00	Diperaku	Please rescope to the amount approved.
72	FST	Md. Pauzi bin Abdullah	A Study of Interrelationships between Raw Water Quality, Chlorine Demand And Disinfection By-Products (BDPs) Of Malaysian Drinking Water	Sains Tulen dan Sains Gunaan	248,000.00	20,000.00	Diperaku	Please rescope to the amount approved.
73	FST	Mohd. Nizam Mohd. Said	Growth and Distribution of Nelumbo Nucifera and its association with the invasive weed Cabomba furcata at Tasik Chini, Pahang	Sains Tulen dan Sains Gunaan	154,000.00	16,000.00	Diperaku	Please rescope to the amount approved.

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74	FST	Muhamad Samudi bin Yasir	Kajian Pengambilan Radionuklid Tabii (NORM) dan Logam Berat oleh Sayuran yang ditanam di Kawasan Bekas Lombong	Sains Tulen dan Sains Gunaan	197,000.00	16,000.00	Diperaku	Please rescope to the amount approved.
75	FST	Norela binti Sulaiman	Impak Konversi Hutan dan Perubahan Iklim ke atas kepelbagaian dan Taburan Populasi Serangga Perosak dan bukan Perosak Terpilih	Sains Tulen dan Sains Gunaan	200,000.00	16,000.00	Diperaku	Please rescope to the amount approved.
76	FST	Salmijah Surif	Risk Assessment of Trace Metals and Recalcitrant Organic Contaminants from Selected Seafoods along the West Coast of Peninsular Malaysia	Sains Tulen dan Sains Gunaan	198,000.00	25,000.00	Diperaku	Please rescope to the amount approved.
77	FST	Wan Juliana bte Wan Ahmad	Above Ground Allometry of Biomass of Trees in Bintulu, Sarawak	Sains Tulen dan Sains Gunaan	168,900.00	16,000.00	Diperaku	Please rescope to the amount approved.
78	FST	Wan Yaacob bin Wan Ahmad	Phytochemical and biological studies on the Phyllanthus of Peninsular Malaysia	Sains Tulen dan Sains Gunaan	199,700.00	16,000.00	Diperaku	Please rescope to the amount approved.
79	FST	Zaidi bin Md. Isa	Taburan dan Kelimpahan Kelip-Kelip di Sungai Terpilih Yang Berpotensi Pelancongan	Sains Tulen dan Sains Gunaan	171,000.00	16,000.00	Diperaku	Please rescope to the amount approved.
80	FST	Fauzi bin Daud	Pencirian kitosan daripada Pleurotus spp	Sains Tulen dan Sains Gunaan	206,200.00	24,296.00	Diperaku	Rescope the work to 2 years. Modify objectives to suit new 2 years scope.

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PROJEK FUNDAMENTAL RESEARCH GRANT SCHEME (FRGS) RMK-9 KITAR 1 TAHUN 2006
(YANG DIPERAKU)

BIL.	F/I/P	KETUA PROJEK	TAJUK PROJEK	BIDANG	JUM. DIPOHON (RM)	JUM. DIPERAKU UKM (RM)	KEPUTUSAN PENILAIAN	CATATAN UKM
81	FST	Ibrahim bin Baba	Sintesis dan Pencirian Kompleks Ditiokarbamat Siri Unsur Lantanida	Sains Tulen dan Sains Gunaan	192,000.00	24,296.00	Diperaku	Duration: 24 month. Objective: Modify objective to suit the amount approved and 24 month duration.
82	FST	Mohamed Rozali bin Othman	Electrochemical Reactions and Characterization of Carbonyl (From Ketones and Aldehydes) Containing Compounds	Sains Tulen dan Sains Gunaan	227,500.00	24,296.00	Diperaku	Rescope to 2 years and modify objective to suit for 2 years.
83	FST	Sukiman bin Sarmani	Measurement on nuclear data for single comparator method in neutron activation analysis	Sains Tulen dan Sains Gunaan	189,130.00	24,296.00	Diperaku	Recommended that the project objective and activities to be adjusted to 2 years project durations.
84	FST	Supian bin Samat	Kajian Penggunaan Protokol TRS 398 di Pusat Radioterapi di Malaysia	Sains Tulen dan Sains Gunaan	199,000.00	24,296.00	Diperaku	Duration 24 month, modify objective accordingly.
85	FST	Abdul Salam Babji	Kualiti Mikrobiologi Makanan Sedia dimakan di gerai Makanan dan kantin	Sains Tulen dan Sains Gunaan	357,700.00	30,000.00	Diperaku	
86	FST	Ainon Hamzah	Growth kinetics and carotenoid profile of photosynthetic bacteria using palm oil mill effluent (POME) as sole medium	Sains Tulen dan Sains Gunaan	150,700.00	38,000.00	Diperaku	
87	FST	Choong Chee Yen	Characterization and expression of flowering genes in Calamus palustris	Sains Tulen dan Sains Gunaan	157,000.00	38,000.00	Diperaku	

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88	FST	Nik Marzuki bin Sidik	Pemencilan jujukan lengkap cDNA dan pengeskpresan gen β -glukosidase <i>Aspergillus terreus</i> SUK-1	Sains Tulen dan Sains Gunaan	162,400.00	33,000.00	Diperaku	
89	FST	Nazlina Ibrahim	In Vitro and in Vivo Characterization of Anti-HSV-1 Activity of Styrylpyrone Derivative (SPD)	Sains Tulen dan Sains Gunaan	197,700.00	133,000.00	Diperaku (gabungan projek)	1)Kumpulan menyediakan proposal projek yang lebih bersepadu. 2)Tajuk ditukar kepada yang lebih menyeluruh bagi menggambarkan aktiviti projek. 3)Projek aktiviti/bajet bagi 2 tahun. 4.)Projek schedule perlu disediakan. 5)Melantik ketua projek. 6)Permohonan untuk peralatan digugurkan.
90	FST	Halimah Abdullah Sani	Kajian Aktiviti Hipoglisme dan Hipokolesterolemia Ekstrak Tumbuhan <i>Gynura procumbens</i> dan <i>Hylocereus polyrhizus</i>	Sains Tulen dan Sains Gunaan	189,200.00		Diperaku (gabungan projek)	
91	FST	Azimahtol Hawariah Lope Pihie	Kajian Sitotoksi Ekstrak <i>Eurycoma longifolia</i> JACK Terhadap Titisan Sel Kanser Serviks HeLa	Sains Tulen dan Sains Gunaan	193,600.00		Diperaku (gabungan projek)	
92	FST	Mohamad Bin Osman	Determination Of Physico-Chemical Characteristics of Calyces And Leaves In Roselle (<i>HIBISCUS SABDARIFFAL</i>)	Teknologi dan Kejuruteraan	200,000.00	16,000.00	Diperaku	Please rescope to the amount approved.
93	FTSM	Abdul Razak Hamdan	Information Technology Strategic planning (ITSP) Framework and Key Performance Indicator for ITSP Implementation	Teknologi dan Kejuruteraan	284,000.00	28,444.00	Diperaku	

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94	FTSM	Abdullah bin Mohd Zin	A Simple Algebra For Constructing, Transforming And Reasoning About Programs In Learning Environments	Teknologi dan Kejuruteraan	200,000.00	28,444.00	Diperaku	
95	FTSM	Aziz Deraman	Model Repositori Pengetahuan Untuk Sektor Awam Malaysia - Kajian Ke Atas Projek ICT Sektor Awam Yang Dijalankan Secara Outsourcing	Teknologi dan Kejuruteraan	198,000.00	28,444.00	Diperaku	
96	FTSM	Khairuddin Omar	Segmenting Handwritten Jawi Text Using Voronoi Diagram	Teknologi dan Kejuruteraan	214,600.00	28,444.00	Diperaku	
97	FTSM	Masri Binti Ayob	Multiobjective Heuristics For Real-World Scheduling Problem	Teknologi dan Kejuruteraan	221,300.00	28,444.00	Diperaku	
98	FTSM	Nor Azan Hj. Mat Zin	A Framework for Adaptive Web-Based Multimedia	Teknologi dan Kejuruteraan	294,600.00	28,444.00	Diperaku	
99	FUU	Aishah Bidin	Impak Pembangunan Teknologi Terhadap Syarikat dan Badan Korporat Dalam Era Ekonomi Digital - Suatu Kajian Perundangan Terhadap Isu-Isu Undang-Undang Syarikat dan Liabiliti Jenayah Korporat di Malaysia, Australia dan United Kingdom	Sastera dan Sastera Ikhtisas	151,130.00	28,000.00	Diperaku	
100	FUU	Noor Aziah Haji Mohd Awal	Hak Anak Tak Sah Taraf di Malaysia : Satu Kajian Perbandingan Antara Undang-Undang Sivill dan Shariah	Sastera dan Sastera Ikhtisas	163,000.00	26,000.00	Diperaku	

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101	FUU	Noor Inayah Yaakub	A Flexible Legal Framework For The Central Bank Malaysian In Overcoming Problems of Vulnerable Guarantors In Banking-Guarantee Transactions	Sastera dan Sastera Ikhtisas	167,690.00	26,000.00	Diperaku	
102	IMEN	Burhanuddin Yeop Majlis	MEMS Silicon Microneedles Array and Actuation Unit for Drug Delivery System	Teknologi dan Kejuruteraan	250,000.00	24,296.00	Diperaku	Rescope for 2 years.
103	LESTARI	Norhayati Ahmad	Sustainable Development Of Ecotourism in Langkawi	Sains Sosial dan Kemanusiaan	246,500.00	66,000.00	Diperaku	Please rescope to the amount approved.
104	LESTARI	Joy Jacqueline Pereira	Penilaian Kelestarian Sumber Asli di Malaysia: Kajian kes sumber hutan, mineral dan tanah	Sains Tulen dan Sains Gunaan	222,480.00	66,000.00	Diperaku	Please rescope to the amount approved.
105	PPS	Abdul Hadi Harman Shah	Kajian Keberkesanan Mampan Persekitaran Lembangan Linggi	Sains Sosial dan Kemanusiaan	198,600.00	20,000.00	Diperaku	Please rescope to the amount approved.
106	PPU	Khairul Anwar bt Mastor	The Development of The Malaysian Personality Inventory (MPI) And A Cross-Generalizability Study Of The MPI With The Malay NEO PI-R Personality Inventory	Sastera dan Sastera Ikhtisas	236,660.00	26,000.00	Diperaku	
107	PPU	Zaharah Hassan	Pembinaan Instrumen Pengukuran Keberkesanan Pemimpin Dalam Organisasi Berasaskan Spesifik Budaya	Sastera dan Sastera Ikhtisas	115,300.00	26,000.00	Diperaku	

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108	PPU	Zurina Bt Mahadi	Pembinaan Inventori Nilai-Nilai Pembangunan Lestari Masyarakat Di Malaysia	Sastera dan Sastera Ikhtisas	169,000.00	26,000.00	Diperaku	
109	SERI	Abd. Rahim Md. Nor	Standalone Solar Photovoltaic Systems in Peninsular Malaysia : Socio-Economic Impacts on Orang Asli Communities	Sains Sosial dan Kemanusiaan	214,452.00	24,296.00	Diperaku	Rescope the objective and the work for 2 years.
110	SERI	Mastor Surat	Membangunkan Senibina Tegal Bencana Berdasarkan Idea Dari Senibina Warisan Melayu	Teknologi dan Kejuruteraan	246,000.00	24,296.00	Diperaku	Pendekkan kepada 2 tahun.
111	SERI	Mazlan Bin Mohd Tahir	New Concept In Sustainable, Thermally Comfortable And Environmental Friendly Terrace Housing In Incorporating the Raised Floor Innovation	Teknologi dan Kejuruteraan	248,000.00	24,296.00	Diperaku	Rescope the work to 2 years. Re-do the objectives to reflect the timing.
112	SERI	Nur Akmal Abdullah @ Goh Tuo Ho	Optimum Arrangement And Orientation of Photovoltaic Panel For Building Integrated Applications	Teknologi dan Kejuruteraan	236,000.00	24,296.00	Diperaku	Shorten duration to 24 months, modify objective accordingly.
113	SERI	Sallehuddin Mohamed Haris	Control Strategies For Electrochromic Windows And Indoor Lighting For Optimum Energy Usage	Teknologi dan Kejuruteraan	289,000.00	24,296.00	Diperaku	Modify objectives, scope & methodology for 2 years
114	SERI	Zulkifli Mohd Nopiah	Optimal Control And Operational Strategies For Autonomous Solar PV Hybrid Systems	Teknologi dan Kejuruteraan	244,000.00	24,296.00	Diperaku	Rescope for 2 years. Reorientate project to address fundamental control problem.

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115	UMBI	A. Rahman A. Jamal	Genotype-phenotype correlationship for Fragile X Syndrome : Towards a Personalised Approach for diagnosis, management and rehabilitation	Sains Perubatan	196,000.00	60,000.00	Diperaku	1)Focus only on objective 1. 2)Research assistant for 1 year. Following that perhaps the project leader may try for the NSF funding for the GRA.
JUMLAH						3,246,988.00		