

PERMOHONAN GERAN PENYELIDIKAN FUNDAMENTAL IPTA (FRGS) FASA 1 TAHUN 2006
Universiti Kebangsaan Malaysia (UKM)
(Kategori A)

BIL.	RUJ.	FAKULTI	KETUA PROJEK	TAJUK PROJEK	BIDANG	JUM. DIPERAKU (RM)	CATATAN
1	14	ANGKAS A	Norbahiah Misran	Investigation of Ionospheric Earthquake Precursor using GPPS and Digisonde Sensing	Teknologi dan Kejuruteraan	120,000.00	Sesuaikan skop kajian sesuai dan peruntukan diluluskan.
2	63	FKEJUT	Aini Hussain	Bio-Signal Processing and Analysis using Nonlinear Science Approach of Fractal, Chaos and Complexity Theory	Sains Tulen dan Sains Gunaan	58,000.00	Approved with budget modification. Equipment approved RM5,000.00
3	74	FKEJUT	Khamisah Jafar	Derivation and formulation of robust test statistics for the different type of outlier in time series data	Sains Tulen dan Sains Gunaan	41,000.00	Approved with budget modification.
4	186	FKEJUT	Mardina binti Abdullah	Fundamental Effect Analysis of Ionospheric on GPS Range-Finding	Sains Tulen dan Sains Gunaan	41,000.00	Approved with budget modification.
5	13	FST	Abdul Razak bin Daud	Evolusi Mikrostruktur dan Mekanisme Penguatan Alio Aluminium boleh rawat Haba Melalui Pembentukan Sebatian Antaralogam	Sains Tulen dan Sains Gunaan	61,000.00	Approved with budget modification.

BIL.	RUJ.	FAKULTI	KETUA PROJEK	TAJUK PROJEK	BIDANG	JUM. DIPERAKU (RM)	CATATAN
6	18	FST	Sahrim Hj Ahmad	Mechanical And Fracture Properties Of Organoclay Rubber Toughened polyyster Nanocomposites	Sains Tulen dan Sains Gunaan	56,000.00	Approved but focus on Objective No. 3
7	24	FST	Khairul Anuar Mohd. Ali	Mathematical Modelling for Performance Measurement of Malaysian Local Authorities through Data Envelopment Analysis and Structural Equation Modelling	Sains Tulen dan Sains Gunaan	46,000.00	Approved but focus on specific local authority representing the issues to be studied. Budget modified, equipment RM5,000 for software only.
8	33	FST	Maslina Darus	On Harmonic Univalent and Multivalent Funtions Defined by a Generalized Ruscheweyh Derivatives Operator	Sains Tulen dan Sains Gunaan	46,000.00	Approved with budget modified, equipment RM5,000 for software only.
9	47	FST	Ibrahim bin Abu Talib	Kajian Sifat-Sifat Elektrik Seramik Mengkonduksi IonHidrogen Berasaskan Butiran Nanosaiz BaZrCeO3 yang Disediakan menerusi kaedah sol-gel	Sains Tulen dan Sains Gunaan	62,000.00	Approved with budget modification.
10	66	FST	Muhammad Yahaya	Modelling of Energy Harvesting Mechanism in Nanostructured Organics Soalr Cell	Sains Tulen dan Sains Gunaan	56,000.00	Approved with budget modification.

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11	166	FST	Roslinda Mohd Nazar	Dual solutions for combined forced and free convection flows in viscous and micropolar fluids	Sains Tulen dan Sains Gunaan	41,000.00	Approved with budget modification.
12	167	FST	Rokiah @Rozita binti Ahmad	Development of numerical algorithms for solving nonstiff ordinary differential equations (ODEs)	Sains Tulen dan Sains Gunaan	41,000.00	Approved with budget modification.
13	173	FST	Abdul Rahim Samsudin	Surface wave method for near surface site characterisation	Sains Tulen dan Sains Gunaan	41,000.00	Approved with budget modification.
14	202	FST	Rusli Daik	Synthesis and Thermal Conductivity of Epoxy Grafted Conjugated Oligomers	Sains Tulen dan Sains Gunaan	71,000.00	Approved with budget modification.
15	216	FST	Mohammad Hafizuddin Haji Jumali	Penentuan Struktur, Sifat Optik dan Elektrik Filem Nipis Nanokomposit Berasaskan TiO ₂ dan SnO ₂	Sains Tulen dan Sains Gunaan	59,000.00	Approved with budget modification.
16	40	FST	Shahidan bin Radiman	Nanoparticles of polymers, metals and semiconductors interacting with protein and phospholipid membranes	Sains Tulen dan Sains Gunaan	62,000.00	Approved with budget modification.
17	162	FST	Roslan Abd Shukor	Electronic Structure and Transport Mechanism in Perovskite-Like Layered Materials	Sains Tulen dan Sains Gunaan	66,000.00	Approved with budget modification.

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18	11	FST	Abd. Ghafur bin Ahmad	Minimality and Efficiency for Semigroup Constructions of Diagram Groups	Sains Tulen dan Sains Gunaan	46,000.00	Approved with budget modification.
19	12	FST	Fredolin Tangang @ Tajudin Mahmud	Development of a Three Dimensional Hydro-Dynamic Model of South China Sea	Teknologi dan Kejuruteraan	100,000.00	An extension is possible with a good progress record.
20	151	FST	Abdul Ghani b. Md. Rafek	Rock mass characterisation and quantification for long term cut rock slope stability assessment	Teknologi dan Kejuruteraan	80,000.00	Extension subjected to a good proposal.
21	36	IMEN	Muhamad bin Mat Salleh	Optical and Electronic Properties of Self-Assemble Quantum Dots Thin Films	Sains Tulen dan Sains Gunaan	56,000.00	Approved with 2 years study
22	45	IMEN	Sahbudin Hj. Shaari	Design, Fabrication and Analysis of Metal-Oxide Nanophotonics Materials	Sains Tulen dan Sains Gunaan	56,000.00	Approved with budget modification.
23	7	SERI	Zahari bin Ibarahim	Characterisation of an Organic Thin Film Solar Cells	Sains Tulen dan Sains Gunaan	61,000.00	Approved with budget modification.
JUMLAH KESELURUHAN						1,367,000.00	