KEPUTUSAN PERMOHONAN MAKLUMAN SKIM GERAN PENYELIDIKAN FUNDAMENTAL (FRGS) FASA 1/2019
UNIVERSITI UTARA MALAYSIA (UUM)

Bil.	Ketua Projek	Tajuk	Kluster	Sub-Kluster	Peruntukan Diluluskan (RM)	Pusat Pengajian
1	Prof. Dr. Ahmad Bashawir Bin Haji Abdul Ghani	The Effect of Climate Change on the Livelihood of Small Scale Fishing Communities: A Model of the Inland Water Area in the Northern Region of Malaysia	Social Sciences	Economics	71,500	SoIS
2	Prof. Dr. Mohd Zaini B Abd Karim	Modelling the effect of energy productivity on country's economic efficiency and competitiveness	Social Sciences	Economics	85,800	OYAGSB
3	Prof. Dr. Sharipah Soaad Bt Syed Yahaya	High-Performance Robust Multivariate Synthetic Control Charts with Highest Breakdown Point Location Estimators.	Pure and Applied Science	Mathematics and Statistics	69,200	SQS
4	Prof. Dr. Zulikha Bt Jamaludin	Pemodelan empirik tulisan tangan dengan kebarangkalian impak terhadap penguasaan menulis berbantukan perisian dan perkakasan.	Information and Communication Technology	Information System	115,200	SOC
5	Prof. Madya Abdul Nasir bin Zulkifli	A Novel Model of Mobile Augmented Reality for Engaging Hearing-Impaired Museum Visitors	Natural and Cultural Heritage	Archaeology	93,000	SCIMPA
6	Prof. Madya Dr. Che Zuriana Bt Muhammad Jamil	Translating innovation and leader attention towards sustainable value creation amongst Malaysian SMEs: Intangible Resource-based Model	Social Sciences	Business [incl. Accounting, Finance & Marketing]	60,000	TISSA
7	Prof. Madya Dr. Lim Kong Teong	Pembinaan kerangka dan skala pengukuran bagi Kualiti Peribadi Guru (KPG) untuk menambahbaik kualiti guru	Social Sciences	Psychology	58,600	STML
8	Prof. Madya Dr. Maznah binti Mat Kasim	A Novel Air Pollution Index via Aggregation of Objective and Subjective Weights	Pure and Applied Science	Mathematics and Statistics	75,000	SQS
9	Prof. Madya Dr. Mohd. Hasbullah bin Omar	Intelligent Data Fusion Repository Model for Spatial-Temporal Archive on Private Cloud	Information and Communication Technology	Artificial Intelligence	82,700	SOC
10	Prof. Madya Dr. Muzainah binti Mansor	Developing a Compliance Risk Management Model for SST 2.0: Towards Achieving Sustainable Development Goal for Malaysia	Social Sciences	Business [incl. Accounting, Finance & Marketing]	67,800	TISSA
11	Prof. Madya Dr. Nor Azimah Chew binti Abdullah	ASSESSING THE QUALITY OF WORK-LIFE AND NUTRITIONAL STATUS AND TURNOVER INTENTION AMONG MILLENNIALS IN MALAYSIAN BANKS	Social Sciences	Management [Organisational Behaviour, Entrepreneurship]	80,200	SBM
12	Prof. Madya Dr. Norhani binti Aripin	Modelling sustainability reporting towards analysts' investment recommendations framework	Social Sciences	Business [incl. Accounting, Finance & Marketing]	70,700	TISSA
13	Prof. Madya Dr. Nurhazani Bt Mohd Shariff	DEVELOPING AN ADAPTATION INDEX AS STRATEGY TO ADDRESS THE IMPACTS OF CLIMATE CHANGE FOR SUSTAINABLE TOURISM IN MALAYSIA	Natural and Cultural Heritage	Tourism	42,500	STHEM
14	Prof. Madya Dr. Ram Al Jaffri Bin Saad	Pembangunan Model Ramalan Tahap Keberkesanan Sistem Penanaman Hidroponik NFT Dalam Meningkatkan Pendapatan Golongan Asnaf Zakat B40	Social Sciences	Economics	84,000	TISSA
15	Prof. Madya Dr. Ruzita binti Azmi	Towards Developing Mental Health Well-Being Policy At The Workplace	Arts and Applied Arts	Policies and Law	60,000	UUMKL
16	Prof. Madya Dr. Shri Dewi a/p Applanaidu	Developing Interactive MADA Paddy Estate Decision Making System: Way Forward to Increase Rice Self-sufficiency Level in Malaysia	Natural and Cultural Heritage	Agriculture	99,000	SEFB
17	Prof. Madya Dr. Siti Zabedah Bt Hj Saidin	Developing a New Governance Maturity model for Food Security regulatory agencies using Artificial Intelligence	Social Sciences	Business [incl. Accounting, Finance & Marketing]	89,000	TISSA
18	Prof. Madya Dr. Tengku Faekah Bt Tengku Ariffin	Service Learning Handbook for High Impact Teacher Education Programme: Infusing Social Emotional Learning as Catalyst to Serve the Community	Arts and Applied Arts	Education	59,200	SEML
19	Prof. Madya Dr. Zahayu binti Md Yusof	Hybrid Model Integrating Structural Equations Modeling and System Dynamic for Malaysian House Price	Social Sciences	Economics	74,840	SQS
20	Prof. Madya Dr. Zainal Amin bin Ayub	Kerangka Pengukuhan Undang-undang Integriti Agensi Penguatkuasaan di Malaysia	Arts and Applied Arts	Policies and Law	60,000	SoL
21	Dr. Adura Binti Ahmad	Develop sustainability governance model for smallholders in palm oil industry through engagement with supply chain key players.	Social Sciences	Business [incl. Accounting, Finance & Marketing]	87,000	TISSA
22	Dr. Anis Shuhaiza Binti Md Salleh	Formulating A legal framework in balancing the conflicting interests of parents and children in sharenting	Arts and Applied Arts	Policies and Law	60,000	SoL

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23	Dr. Chan Cheong Chong	DEVELOPING A SUBSTITUTE CARE LIVING FRAMEWORK FOR CHILDREN'S HOMES AND FOSTER HOMES IN MALAYSIA: A CAREGIVER-CENTRIC APPROACH	Social Sciences	Psychology	41,300	UUMKL
24	Dr. Fariza Hanim binti Rusly	DIGITALISING MALAYSIAN SMEs: DEVELOPING A HOLISTIC MODEL OF DIGITAL CHANGE ADAPTATION STRATEGY FOR IR4.0	Social Sciences	Business [incl. Accounting, Finance & Marketing]	74,200	TISSA
25	Dr. Hashibah binti Hamid	Amalgamation between Maximum Likelihood and Smoothing Estimation Techniques to Develop A Flexible Location Model	Pure and Applied Science	Mathematics and Statistics	84,200	SQS
26	Dr. Jafri Bin Haji Zulkepli Hew	A DYNAMIC MODEL FOR SUSTAINABLITY OF MICRO-TAKAFUL STRUCTURE BY COMBINING ZAKAH AND WAQF FUNDS FOR B-40 CATEGORY	Social Sciences	Economics	73,100	SQS
27	Dr. Mashetoh Binti Abd. Mutalib	Pembangunan Korpus Lisan Kosa Kata Dialek Kedah sebagai Warisan Linguistik Melayu	Arts and Applied Arts	Language and Linguistic	60,000	SLCP
28	Dr. Mastora Binti Mustafar	MODEL EKONOMI MAMPAN NELAYAN BERPENDAPATAN B40	Social Sciences	Management [Organisational Behaviour, Entrepreneurship]	83,200	STML
29	Dr. Mohamad Khairi Bin Haji Othman	Profil Indikator Kemenjadian Pelajar Berasaskan Teori Pemikiran Ibnu Miskawaih	Arts and Applied Arts	Education	58,000	SEML
30	Dr. Mohd Faizal Bin Omar	A New Model for Cluster-Based Whale Optimization Algorithm with Multiple Restart Strategy for Solving Appliances Scheduling Problem	Technology and Engineering	Energy	70,300	SQS
31	Dr. Mohd. Nizho bin Abdul Rahman	PEMBANGUNAN MODEL PENILAIAN PEMATUHAN INDUSTRI PEMAKANAN HALAL DI MALAYSIA BERDASARKAN HADITH NABAWI	Arts and Applied Arts	Religion	47,600	SLCP
32	Dr. Muhammad B. Ahmad	MODEL E-PONDOK BERDASARKAN TEORI TECHNOLOGY ACCEPTANCE MODEL (TAM) KE ARAH PELESTARIAN INSTITUSI PONDOK DALAM ERA DIGITAL	Arts and Applied Arts	Religion	60,000	SLCP
33	Dr. Nor Aishah binti Ahad	NOVEL RULES FOR ROBUST LINEAR DISCRIMINANT USING DISTANCE BASED AND COORDINATE-WISE ESTIMATORS IN HANDLING NON-NORMALITY.	Pure and Applied Science	Mathematics and Statistics	60,200	SQS
34	Dr. Nor Azlina Binti Mohd Noor	Formulating a Legal Framework on Digital Inheritance in Administration of Estates in Malaysia.	Arts and Applied Arts	Policies and Law	60,000	SoL
35	Dr. Nor Laily binti Hashim	A USER EXPERIENCE EVALUATION OVER TIME MODEL FOR E-PROCUREMENT SYSTEM	Information and Communication Technology	Software	86,200	SOC
36	Dr. Norsiah Binti Hami	Developing a model for balancing the sustainability performance of SMEs in the Malaysian manufacturing sector	Technology and Engineering	Green Technology	90,000	STML
37	Dr. Nurli Bt Yaacob	Formulation of Enhanced Business Judgement Rule Integrity Model of Government Link Investment Companies	Arts and Applied Arts	Policies and Law	60,900	SoL
38	Dr. Phat A/L Awang Deng	Kerangka Integrasi Nasional Berpandukan Perpaduan Dalam Kepelbagaian Menerusi Lirik Lagu Patriotik Melayu	Natural and Cultural Heritage	Culture	42,000	SLCP
39	Dr. Ruzelan Bin Khalid	A NEW FRAMEWORK INTEGRATING DISCRETE EVENT SIMULATION AND DATA ENVELOPMENT ANALYSIS FOR PERFORMANCE EVALUATION OF OPERATIONAL ALTERNATIVES OF A HEALTHCARE SYSTEM	Pure and Applied Science	Mathematics and Statistics	50,200	SQS
40	Dr. Yusmarhaini binti Yusof	PAVING THE FUTURE FOR STUDENTS WITH DISABILITIES: UNIVERSAL DESIGN FOR LEARNING (UDL) IN ENABLING AN INCLUSIVE PRACTICE	Social Sciences	Sociology	84,400	SAPSP
41	Pn. Noraziah binti Che Pa	A Game-based Psychotherapy-Intervention Model Using Neurofeedback Approach for Memory Disorder Disease	Information and Communication Technology	Artificial Intelligence	82,200	SOC
42	Pn. Raudah binti Danila	DEVELOPING A NEW HEALTH AID DASHBOARD SYSTEM FOR MARGINALIZED MUSLIM COMMUNITY: A ROLE OF ZAKAT INSTITUTION	Social Sciences	Management [Organisational Behaviour, Entrepreneurship]	85,000	TISSA
43	Dr. Abdul Malek bin Yaakob	Novel Hesitant Fuzzy Network Methods with the incorporation of Z-numbers and Social Network Analysis for large-scale group decision making	Pure and Applied Science	Mathematics and Statistics	68,200	SQS
44	Dr. Adibah binti Ismail	ESTABLISHING MALAYSIAN PRESS FREEDOM MODEL FOR SOCIAL JOURNALIST TO INCREASE CYBER SECURITY	Social Sciences	Communication	84,460	SMMTC

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45	Dr. Asmar binti Abdul Rahim	Pengukuhan Kerangka Perundangan dan Garis Panduan Skim I-Suri Malaysia	Arts and Applied Arts	Policies and Law	60,000	SoL
46	Dr. Lee Wen Chiat	Developing A Model on Rice Productivity in the Northern Region of Malaysia	Social Sciences	Economics	71,500	SEFB
47	Dr. Mohd Aliff bin Mohd Nawi	The Development of Islamic Research Ethics Framework: Towards a Global Code of Ethics for Artificial Intelligence Study within Shariah Parameters	Arts and Applied Arts	Religion	100,800	SEML
48	Dr. Mohd Farihal bin Osman	MODEL E-ZAKAT PENDIDIKAN TERHADAP ASNAF DALAM MELAHIRKAN KUALITI MODAL INSAN PAKAR DI MALAYSIA	Social Sciences	Business [incl. Accounting, Finance & Marketing]	75,200	IBS
49	Dr. Mohd Hilmi bin Hamzah	MyAsli: A phonological model for the integration and preservation of endangered indigenous languages in Malaysia	Arts and Applied Arts	Language and Linguistic	111,400	SLCP
50	Dr. Mohd Kamarul Irwan bin Abdul Rahim	A GREEN ALGORITHM MODEL FOR SOLVING THE MULTI-PERIOD SUSTAINABLE INVENTORY ROUTING PROBLEM	Pure and Applied Science	Mathematics and Statistics	53,500	STML
51	Dr. Mua'azam bin Mohamad	PEMBANGUNAN MODUL PENDIDIKAN RESOLUSI KONFLIK SEBAGAI ASAS PEMBINAAN KAREKTOR DIRI MASYARAKAT MAJMUK BERDASARKAN TEORI KOGNITIF SOSIAL	Social Sciences	Sociology	84,000	SEML
52	Dr. Muhamad Amar bin Mahmad	PEMBENTUKAN MODEL STANDARD KUALITI OPERASI (MSKO) PENGENDALIAN PAKEJ UMRAH DI MALAYSIA	Arts and Applied Arts	Religion	77,200	SLCP
53	Dr. Nadia Diyana binti Mohd Muhaiyuddin	Hybridized Model for IBVR in Self-therapy: Hybridizing Spatial Presence Model and Guided Imagery Therapy for wellbeing in IR4.0 era.	Information and Communication Technology	Information System	114,240	SMMTC
54	Dr. Nazliatul Aniza binti Abdul Aziz	DEVELOPING RISK LITERACY MODEL IN MANAGING SOCIAL RISK EXPOSURES TOWARDS ENHANCING THE WELL-BEING OF MALAYSIAN YOUNG GENERATION	Social Sciences	Sociology	72,200	SEFB
55	Dr. Nor Hazlyna binti Harun	A Hybrid Model of Contrast Enhancement with Particle Swarm Optimization for Diabetic Retinopathy	Information and Communication Technology	Artificial Intelligence	75,930	SOC
56	Dr. Nurliyana binti Bukhari	The New Empathetic Postgraduate Well-Being and On-Time Completion Model for Student and Supervisor.	Arts and Applied Arts	Education	92,700	SEML
57	Dr. Roslina binti Kamaruddin	Ensuring Malaysian Food Security: Developing A Sustainable Aquaculture Framework of GAqP-Compliant Fish Produce	Social Sciences	Economics	79,900	SEFB
58	Dr. Sabri bin Nayan	Green Sukuk: A Fundamental Model for Socially Responsible Investment in the Malaysian Capital Market	Social Sciences	Business [incl. Accounting, Finance & Marketing]	73,435	SEFB
59	Dr. Siti Mahfuzah Binti Sarif	Integrated Wearable Persuasive Multimedia Model for Depression Awareness: Consolidating Persuasive, Multimedia and Wearable Design Principles	Information and Communication Technology	Information System	108,300	SMMTC
60	Dr. Yaty binti Sulaiman	Development of a New Re-patronage Model for Syariah Compliance E-lodging Industry: The Mediating Effect of Artificial Intelligence.	Social Sciences	Business [incl. Accounting, Finance & Marketing]	80,200	SBM
61	En. Al-Hanisham Bin Mohd Khalid	A LEGAL FRAMEWORK FOR DIGITAL PARTICIPATION OF ORANG ASLI TOWARDS INDUSTRIAL REVOLUTION 4.0 CHALLENGE	Natural and Cultural Heritage	Culture	85,180	SoL
62	En. Muhammad Hafiz bin Badarulzaman	KESALAHAN KESUSILAAN OLEH GOLONGAN TRANSGENDER DALAM JENAYAH SYARIAH DI MALAYSIA : KE ARAH PEMBENTUKAN MODEL PENCEGAHAN DAN PENGUATKUASAAN BAHARU DI JABATAN AGAMA ISLAM NEGERI-NEGERI	Arts and Applied Arts	Policies and Law	73,380	SoL
63	Pn. Maizatul Azura Binti Yahya	Pembangunan Model Retorik Diplomatik melalui Surat-surat Sultan Abdul Hamid dalam Memartabatkan Kearifan Lokal Pemerintah Negara	Natural and Cultural Heritage	Culture	64,000	SLCP
64	Pn. Noor Suhaila Binti Yusof	Developing a framework of destination image formation for Malaysia image as a Muslim friendly destination	Natural and Cultural Heritage	Tourism	52,800	STHEM