

## 800 – PENYELIDIKAN DAN INOVASI

### 800-1 Tadbir Urus Penyelidikan

#### 800-1/1 Jawatankuasa Penyelidikan

800-1/1/1	Jawatankuasa Eksekutif RMIC
800-1/1/2	Jawatankuasa Pengurusan Penyelidikan
800-1/1/3	Jawatankuasa Kecil Harta Intelek
800-1/1/4	Jawatankuasa Sistem Penyelidikan
800-1/1/5	Jawatankuasa Pengurusan Penyelidikan Fakulti
800-1/1/6	Jawatankuasa UREC

#### 800-1/2 Penarafan Penyelidikan

800-1/2/1	Audit Dalaman Malaysia Research Assessment (MyRA)
800-1/2/2	Audit Institut/Pusat Kecemerlangan (CoE)
800-1/2/3	Audit Malaysia Research Assessment (MyRA)

### 800-2 Projek Penyelidikan

#### 800-2/1 Dana Pra-Pengkomersilan (DPP)

800-2/1/1	Urusan Dana Pra-Pengkomersilan (DPP)
800-2/1/2	R0001-R291 : An Innovative Chocolate Fortified with Pumpkin Carotenoid and Calcium Hydroxyapatite from Bone by-Product
800-2/1/3	R0001-R292 : An Intelligent Dispensing Machine (i-Dispenser)
800-2/1/4	R0001-R293 : PROPOLUS: Defence for Bees Beauty Traesure for Human
800-2/1/5	R0001-R294 : Fabrication of a Low Cost Bench Top 3 axis CNC Milling Machine Using Open Sources Controller for Teaching and Learning Purpose

#### 800-2/2 Geran Penyelidikan Industri/Swasta

800-2/2/1	Urusan Geran Penyelidikan Industri/Swasta
800-2/2/2	R0017 : Kajian Persepsi Ilmuan Dan Pembangunan Ummah
800-2/2/3	RR247 : Konsep Kedaulatan Watan Dalam Perlembagaan Persekutuan
800-2/2/4	Cadangan Kajian Keberkesanan Infrastruktur dan Infostruktur ICT Di UniSZA

#### 800-2/3 Geran Penyelidikan Antarabangsa

800-2/3/1	Urusan Geran Penyelidikan Antarabangsa
800-2/3/2	Biosafety of Vibrio Cholerae In Popular Local Seafood Product

#### 800-2/4 Dana Penyelidikan Universiti (DPU)

800-2/4/1	Urusan Dana Penyelidikan Universiti (DPU)
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- 800-2/4/2 R0009-R287 A Study of Air Pollution with Heavy Metals in Gebeng and Paka Industrial Estate
- 800-2/4/3 R0009-R289 Developing Interactive Application Software for Enhancing Confidence to Speak Among Elementary School Students
- 800-2/4/4 R0009-R290 Detection of Somaclonal Variation in Micropropagated Pisang Nangka
- 800-2/4/5 R0009-R291 Chemical Fingerprint Of Carbohydrate-Rich Fractions And Organic Extracts Of Selected Wild Edible Vegetables
- 800-2/4/6 R0009-R292 Determination of Heavy Metals to Freshwater Fishes in Sungai Kelantan
- 800-2/4/7 R0009-R293 Nilai-nilai Islam dalam Sistem Pengukuran Prestasi (SPP): Kajian ke atas Syarikat Bumiputera Enterprise Kecil dan Sederhana (EKS) di Kelantan, Terengganu dan Pahang (Pantai Timur)
- 800-2/4/8 R0009-R294 The Pertinence of Financial Fraudulent Activities Among The Shariah Compliance Companies in Malaysia Capital Market
- 800-2/4/9 R0009-R296 A New Z-number and Fuzzy Logic Based Multi-Criteria Decision Making Model for Coastal Erosion Problems
- 800-2/4/10 R0009-R297 Integrated Keyword Extraction Model for Concept Abstraction Using Formal Concept Analysis (FCA) Theory
- 800-2/4/11 R0009-R298 Pembangunan Teknik Klasifikasi Manuskrip Sastera Kitab Berasaskan Disiplin Ilmu Islam
- 800-2/4/12 R0009-R300 Comparison of Gene Expression Profiles in Acute and Chronic Myeloid Leukaemia Cell Lines by Using The NanoString nCounter Analysis System
- 800-2/4/13 R0009-R301 Therapeutic Effect of Oral Kantan (Etlingera Elatior) Flower Aqueous Extract on Streptozotocin-Induced Diabetic Rat
- 800-2/4/14 R0009-R303 Effect of Diaphragm-Pelvic Parallel Breathing Exercise on Pulmonary Function in Competitive Male Athletes
- 800-2/4/15 R0009-R304 Developing The Antecedents Of City Brand Personality Of The Kuala Terengganu As Coastal Heritage City
- 800-2/4/16 R0018-R305 : Development Of Narrow Pores Asymmetric Phase Inversion Ultrafiltration Membranes Via Surfactant Additives

- 800-2/4/17 R0018-R306 : Novel aspirin derivatives influence on macrophage immunity, cytotoxicity and antibacterial properties
- 800-2/4/18 R0018-R307 : Tajuk baru: Inventory of the Parasites From The Invasive Alien Fish Species in Malaysia
- 800-2/4/19 R0018-R308 : Study on Chemical Compositions of Three Napier (*Pennisetum purpureum*) Cultivars at Different Harvesting Ages
- 800-2/4/20 R0018-R309 : Physico-Chemical And Rheological Properties Of Frozen Dough Incorporated With Rubber Seed Flour With Different Storage Temperature
- 800-2/4/21 R0018-R310 : Allelopathic Assessment of Weed and Tree Species for Sustainable Weed Management in BRIS Soil
- 800-2/4/22 R0018-R311 : Studies on plants and insects diversity at Perhentian Islands, Besut, Terengganu
- 800-2/4/23 R0018-R312 : Evaluation Of Potential Antioxidant, Antidiabetic And Antiobesity Activities Of *Garcinia Atroviridis*
- 800-2/4/24 R0018-R313 : Morphometric Diversity And Population Genetic Of The Ikan Puyu (*Anabas Testudineus*) (Bloch, 1792) In Malaysia
- 800-2/4/25 R0018-R314 : Population Structure of Kelah *Tor tambroides* in Malaysia Inferred from Morphometric Divergence and mtDNA Analysis
- 800-2/4/26 R0018-R315 : Effect of Probiotic addition on growth performance and quality of quail meat
- 800-2/4/27 R0018-R316 : Pembinaan Modul Sintaksis Arab Berasaskan Elemen Infografik
- 800-2/4/28 R0018-R317 : Penyertaan Digital dan Partisipasi Politik dalam Pemeraksanaan Belia di Terengganu
- 800-2/4/29 R0018-R318 : Challenges and Coping Strategies: Perspectives of International Graduate Students of UniSZA
- 800-2/4/30 R0018-R319 : Developing Safety Culture Framework in Reducing Workplace Accidents at Kemaman Supply Base (KSB)
- 800-2/4/31 R0018-R320 : Persepsi Golongan Belia Terhadap Kerjaya Dalam Sektor Pembinaan Kajian Di Pantai Timur, Malaysia
- 800-2/4/32 R0018-R321 : Modelling Time Varying Performance Of Real Estate Investment Trusts (REITS) In Malaysia
- 800-2/4/33 R0018-R322 : Examining The Motor Takaful Underwriting Guidelines Based On Maqasid Shariah Principles : The Case Study Of Malaysian Takaful Operators
- 800-2/4/34 R0018-R323 : Advancing an Organizational Citizenship Behavior Model for State Government Workforce in East Coast Region
- 800-2/4/35 R0018-R324 : Enhancing students' motivation in learning programming using gamification approach

- 800-2/4/36 R0018-R325 : Real-Time Superhuman Motion Capture Data Editing Method in Virtual Environment
- 800-2/4/37 R0018-R326 : Modeling Ontology for English Translated Qur'an using Ontology Learning Techniques.
- 800-2/4/38 R0018-R327 : Modelling Semantic Image Classification for Chest X-Ray Dataset using Machine Learning Algorithm
- 800-2/4/39 R0018-R328 : Penentuan Kategori Darah Wanita Menurut Pakar Perubatan Dalam Penyelesaian Perselisihan Hukum Fiqh
- 800-2/4/40 R0018-R329 : Kekangan Pembiayaan Nafkah Ibu Bapa Dan Penyelesaiannya Melalui Model Pelan Pembiayaan Nafkah Ibu Bapa Patuh Syariah
- 800-2/4/41 R0018-R330 : Al-Akhlaq (Ethics) Perceptions In Islam: A Conceptual Interpretation Through Islamic Major **Texts**
- 800-2/4/42 R0018-R331 : Pembinaan Aplikasi Android Telefon Pintar Mudah Alih Untuk Faham Fiqh Al-Aqsa (Faq)
- 800-2/4/43 R0018-R332 : Analisis Komparatif Terhadap Bentuk dan Kandungan Nazam Dalam Persuratan Melayu Tradisional
- 800-2/4/44 R0018-R333 : Strategi Penterjemahan Arab - Melayu dan Pemeriksaan Bahasa Arab dalam Sari Kata Rancangan Agama
- 800-2/4/45 R0018-R334 : Pengaruh Isu-Isu Semasa Dan Setempat Dalam Karya-Karya Fiqh Karangan Tok Pulau Manis
- 800-2/4/46 R0018-R335 : Preconception Care Towards Safe Pregnancy among Diabetic women in reproductive age in Terengganu: The role of Knowledge, Attitude, and Practice and Glycaemic control.
- 800-2/4/47 R0018-R336 : Assessing personality and emotional maturity of medical students and its impact on their academic achievement: Development of a new PPD module for UniSZA
- 800-2/4/48 R0018-R337 : Association of genotypic and allelic frequencies of VEGF Promoter variations with anthropometric indices, Lipid Profile and non-genetic associated factors of obesity in the Terengganu Malay Population
- 800-2/4/49 R0018-R338 : Design and Development of Pij?k: Universal Pillion Foot-Boards
- 800-2/4/50 R0018-R339 : Design Optimization and Cost Effective Goat Barns
- 800-2/4/51 R0018-R340 : Preparation And Characterisation Of Natural Fibres Reinforced Polymer Composites
- 800-2/4/52 R0018-R341 : Characterization Of Gene Expression In Antibacterial Activities Of Honey And Propolis From Trigona Species On Pathogens That Affect The Periodontal Disease

- 800-2/4/53 R0018-R342 : Development of a nutritional module based on genetic profile for children with neurodevelopmental disabilities (CWND) attending Community-based rehabilitation centres in Terengganu
- 800-2/4/54 R0018-R343 : Cytotoxic effect and apoptosis-inducing activities of Quercus infectoria (QI) crude extract in HeLa cells.
- 800-2/4/55 R0018-R344 : Immunohistochemistry analysis of sex steroid receptors and their transcription factors in colorectal cancer
- 800-2/4/56 R0018-R345 : Evaluation of iron metabolism in  $\alpha$  and  $\beta$ -thalassemia with gene mutations in East Coast of Malaysia
- 800-2/4/57 R0018-R346 : Characterization of surface proteins with intramolecular thioester bonds in multidrug-resistant enterococci as potential therapeutic targets
- 800-2/4/58 R0018-R347 : The influences of adiponectin on metabolic health, body adiposity and other factors among children and adolescents: A cross-sectional study
- 800-2/4/59 R0018-R348 : Web-based Interactive Dietary Assessment Tool for a Multi-Ethnic Population in Malaysia
- 800-2/4/60 R0018-R349 : Membentuk Model Pengurusan Pelancongan Ekologi Budaya Orang Asli Bateq Taman Negara Kuala Tahan Pahang
- 800-2/4/61 R0018-R350 : Kajian kes: Pembinaan Model Pengendalian Tingkahlaku Bunuh Diri (MPTB) bagi Agensi Penyelamat Malaysia -Terengganu
- 800-2/4/62 R0018-R351 : Empowering Teachers and Families On Early Interventions and Social Skills Program for Children with Autism Spectrum Disorders in Terengganu, Malaysia
- 800-2/4/63 R0018-R352 : Sistem Parol Sebagai Jalan Penyelesaian Untuk Fenomena Penyalahgunaan Dadah Berulang: Kajian Kes Di Pusat Parol Negeri Terengganu
- 800-2/4/64 R0018-R353 : Pembangunan Sistem Pengurusan Kebajikan Rumah Anak Yatim Miskin (RAYM): Kajian Kes di Negeri Terengganu
- 800-2/4/65 R0018-R354 : Right Of Children To Be Heard In Criminal Proceedings; Comparative Study Between International Standards And Malaysian Juvenile Justice System
- 800-2/4/66 R0018-R355 : An Exploratory Study On Terengganu State Agricultural Practices And Policies
- 800-2/4/67 R0018-R356 : Principle Of Non-Interference, An International Humanitarian Barrier To Intervention In Asean Intra-State Conflicts: The Malaysian Role
- 800-2/4/68 R0018-R357 : Pelaksanaan Tempoh Dua Tahun Pengajian Program: Satu Kajian Kesan Terhadap Pelajar, Pensyarah Dan Kurikulum Diploma Undang-Undang UniSZA

- 800-2/4/69 R0018-R358 : Out-Of-School Children In Malaysia; A Case Study In Terengganu
- 800-2/4/70 R0018-R359 : Compulsory Vaccination For Children In Terengganu: Issues And Challenges
- 800-2/4/71 R0018-R360 : Penilaian Golongan Belia Terhadap Pelaksanaan Program Kuliah Agama Di Masjid-Masjid Sekitar Kuala Terengganu
- 800-2/4/72 R0018-R361 : A study of the effects of various hydraulic conditions and nutrient loading on phytoremediation efficiency of vertical aquaponic recirculation system
- 800-2/4/73 R0018-R362 : Effect of Ipomoea batatas L. as Bulking Agent in Artificial Diets on Growth and Development of Oriental Fruit Fly, *Bactrocera dorsalis* Hendel (Diptera: Tephritidae)
- 800-2/4/74 R0018-R363 : Drying kinetics, physicochemical properties and antioxidant capacity of immature Manis Terengganu melon powder
- 800-2/4/75 R0018-R364 : Penggunaan Komunikasi Nonverbal(Knv) Dan Keberkesanannya Dalam Penyampaian Khutbah Jumaat Di Masjid-Masjid Negeri Terengganu
- 800-2/4/76 R0018-R365 : Language of persuasion in print advertisement for Halal product
- 800-2/4/77 R0018-R366 : Struktur Modal Dan Prestasi Koperasi : Perbandingan Antara Koperasi Konvensional Dan Syariah
- 800-2/4/78 R0018-R367 : Conceptualizing Islamic Financial Literacy Framework to Minimize Bankruptcy among Muslims in Malaysia
- 800-2/4/79 R0018-R368 : Mengukur Keberkesanan Amalan Beragama Dalam Menentukan Kejayaan Asnaf Fakir Miskin Yang Menerima Bantuan Zakat Dalam Bentuk Modal
- 800-2/4/80 R0018-R369 : Taksiran Zakat Aset Kewangan Di Institusi Zakat Di Malaysia
- 800-2/4/81 R0018-R370 : Households' Willingness To Pay For Improved Solid Wastes Disposal Services In Kuala Nerus, Terengganu: A Contingent Valuation Method
- 800-2/4/82 R0018-R371 : Islamic Financial Literacy And Financial Behaviour
- 800-2/4/83 R0018-R372 : The Relationship Between Internal Talent Development And Demand For Outside Hiring In Takaful Industry
- 800-2/4/84 R0018-R373 : Developing a Spiritual Model For Pregnant Young Women Out of Wed Lock Rehabilitation Centers in Terengganu
- 800-2/4/85 R0018-R374 : Construction Of Barakah Model System For Islamic Home Financing
- 800-2/4/86 R0018-R375 : Predictive Analytics for Heart Disease Based on Ensemble Methods of Artificial Neural Network

- 800-2/4/87 R0018-R376 : A hybrid replica placement technique with entropy to enhance the quality of data in big data energy management
- 800-2/4/88 R0018-R377 : Enhancing Informed Resource Discovery Mechanisms for Unstructured Peer-to-Peer Network Environments
- 800-2/4/89 R0018-R378 : Enhancing Region Based Image Retrieval framework for color image data set using Region of Interest
- 800-2/4/90 R0018-R379 : Improving routing node mobility in Mobile Ad Hoc Network (MANET) using Fault Tree Analysis and Entropy Techniques
- 800-2/4/91 R0018-R380 : Modelling Nanofluid Flow using Shooting Method
- 800-2/4/92 R0018-R381 : Enhancing Higher Order L-moments Approach for Forecasting Larger Events in Streamflow Data
- 800-2/4/93 R0018-R382 : Medel-Driven Architecture based on Evolution of Collaborative Agent-Based System and its application in a Law Firm Accounting System
- 800-2/4/94 R0018-R383 : A 12-week multimodal balance enhancing programme improves balance and stability for older adults.
- 800-2/4/95 R0018-R384 : A Study On Legal Issues Related To Online Business In Malaysia: Special Reference To Facebook
- 800-2/4/96 R0018-R385 : The development of Quranic Ruqyah kit and its efficacy to alleviate depression among elderly Malay-Muslims in Terengganu
- 800-2/4/97 R 0031 : The mediating effect of ICGPA practices in the relationship between emotional intelligence and teaching performance in higher education
- 800-2/4/98 R 0032 : Questioning Behavior Among ESL Student Teachers During Teaching Practicum
- 800-2/4/99 R0034-R001 : Physicochemical, rheological, sensory and antioxidant properties of ice cream formulated with sweet potato flour
- 800-2/4/100 R0034-R002 : Strategi Pengajaran Dan Pembelajaran Penterjemahan Dalam Kalangan Pelajar Sarjana Muda Bahasa
- 800-2/4/101 R0034-R003 : Impak Kecekapan Pengangkutan ke atas Pertumbuhan Sektor Pelancongan di Negeri Terengganu
- 800-2/4/102 R0034-R004 : Hibah Umra And Ruqba In Islamic Law: Principles And Application In Disbursement Of Family Takaful Benefit
- 800-2/4/103 R0034-R005 : Kesan kesedaran dan pengetahuan alam sekitar terhadap amalan hijau: Kajian dalam kalangan operator homestay di Selangor
- 800-2/4/104 R0034-R006 : The Relationship Among Profit, Product And Awareness Toward The Customers' Acceptability In New Attribute Of Islamic Fixed Deposit

- 800-2/4/105 R0034-R007 : Chitosan derivatives blended alginate nanoparticles loaded into alginate beads as oral insulin carrier
- 800-2/4/106 R0034-R008 : Establishing Trust Based Reputation In Vehicular Ad-Hoc Networks(Vanets) Using Information From Social Networks
- 800-2/4/107 R0034-R009 : Retpoline Technique for Mitigating The Risk of Spectre attack
- 800-2/4/108 R0034-R010 : Online Virtual Doctor Application System With Secure Communication Technique
- 800-2/4/109 R0034-R011 : A hybrid support measure using Critical relative Support in i-Eclat model for infrequent itemset mining
- 800-2/4/110 R0034-R012 : Kajian amalan solat dalam kalangan pesakit muslim semasa berada di hospital : prevalen dan faktor-faktor yang mempengaruhinya
- 800-2/4/111 R0034-R013 : Determination of Genes Expression and Regulation in Autoinducer II Pathway for the Group A Streptococcus After Modulated by Stingless Bee Honey as a Potential Antibacterial Agent
- 800-2/4/112 R0034-R014 : The Relationship between Dietary Fruit Intake, cAMP Responsive Element-Binding (CREB) Protein and Brain Derived Neurotrophic Factor (BDNF) Levels among Adolescent in Rural and Urban Terengganu.
- 800-2/4/113 R0034-R015 : Pembinaan Aplikasi Android Telefon Pintar Mudah Alih Bagi Memahami Undang-Undang Keluarga Islam Terengganu
- 800-2/4/114 R0034-R016 :Clinical And Parameters Toward The Prognosis Of Patient With Melioidosis; Comparison Of Aft Survival Data Analysis And Multinomial Logistic Regression
- 800-2/4/115 R0034-R017 : Masalah-Masalah Religiositi Orang Pekak Di Negeri Terengganu Daripada Perspektif Dakwah
- 800-2/4/116 R0034-R018 : Pembinaan Modul Kaedah Pintar Murajaah al-Qurán di Institusi Pengajian Tahfiz Malaysia
- 800-2/4/117 R0034-R019 : Pembinaan Strategi Murajaah Kendiri Bagi Huffaz al-Quran di Peringkat Tertiar
- 800-2/4/118 R0034-R020 : Impak Program Pensiswazahan Guru (PPG) Unisza Terhadap Pengetahuan, Kemahiran PDP Dan Sikap Guru-Guru Pendidikan Islam (GPI) Di Pantai Timur
- 800-2/4/119 R0034-R021 : Penggunaan dan aplikasi Teknologi Maklumat dan Komunikasi dalam Pembelajaran dan Pemudahcaraan Guru Pendidikan Islam di Sekolah Agama Bantuan Kerajaan Terengganu
- 800-2/4/120 R0034-R022 : Konsep Dan Garis Panduan Fiqh Kepenontonan Bola Sepak Patuh Syariah



- 800-2/4/121 R0034-R023 : Pembinaan Garis Panduan Dialog Antara Agama Dalam Konteks Malaysia Menurut Perspektif Islam
- 800-2/4/122 R0034-R024 : Pengaruh Pendidikan Islam Terhadap Kehidupan Masyarakat Pulau Perhentian
- 800-2/4/123 R0034-R025 : Pembinaan Kamus Kos Kata Al-Quran Dalam Bahasa Melayu
- 800-2/4/124 R0034-R026 : Pembentukan Jati Diri Pemuda Menurut Pemikiran Nursi Melalui Kitab "Murshid Al-Shabab"
- 800-2/4/125 R0034-R027 : Kaedah Pemilihan Pemimpin Politik Menurut Maqasid Shariah
- 800-2/4/126 R0034-R028 : Pembinaan Model Interaksi Sufi (i-Sufi) Berasaskan Pemikiran Tasawuf Imam al-Syafei r.h.m
- 800-2/4/127 R0034-R029 : Pembinaan Model Tadbir Urus Syariah NGO-I di Malaysia ke arah Perneriksaan Misi Kemanusiaan sejagat
- 800-2/4/128 R0034-R030 : Model Pembangunan Penjara Islam Dalam Mendepani Cabaran Tamadun Bangsa Melayu Di Malaysia.
- 800-2/4/129 R0034-R031 : Analisis Kesalahan Para Qari dan Qariah Dalam Tilawah al-Quran Mengikut Bacaan Imam Hafs Dari Tahun 2015 Hingga 2019

**800-2/5 Geran Research Acculturation Collaborative Effort (RACE)**

- 800-2/5/1 Urusan Geran Research Acculturation Collaborative Effort (RACE)

**800-2/6 Skim Geran Penyelidikan Fundamental (FRGS)**

- 800-2/6/1 Urusan Skim Geran Penyelidikan Fundamental (FRGS)
- 800-2/6/2 RR041 - Kajian Semula Pelan Strategik pengajian Tinggi Negara (Kajian Langskap Lokal)
- 800-2/6/3 RR135 - Identification Of Wound Healing Chemical And Mineral Compositions In Rice Field Eels (Monopterus Albus) And Climbing Perch (Anabas Testudineus).
- 800-2/6/4 RR141 - Optimal Addition Chain For Efficient Scalar Multiplication Algorithm In Elliptic Curve Cryptosystem
- 800-2/6/5 RR142 - A New Model For Social Network Affiliation Classification For Large Data Based On Modular Artificial Intelligent Approach.
- 800-2/6/6 RR144 - Fiqh Aghlabiyyat (Majoriti) : Konsep, Maqasid Shariah Dan Strategi Hukum Dalam Pengukuhan Integrasi Nasional Di Malaysia
- 800-2/6/7 RR147 - Deciphering The Role Of Sox2 Gene In Breast Cancer In Malaysian Population.
- 800-2/6/8 RR148 - Decline In Professional Attributes In Medical Education: The Urge For New Concepts Of Scoring Rubric At Workplace Utilizing 360-Degree Feedback Assessment Model.

- 800-2/6/9 RR149 - The Urge For Healthy Ageing Indicators (Hai): A Fundamental Predictive Index Towards Achieving Successful Ageing
- 800-2/6/10 RR150 - Molecular Identification And Characterization Of The Plasmodium Knowlesi Apical Membrane Antigen 1 (Pkama1) As Therapeutic Target And Serodiagnostic Marker For Human Plasmodium Knowlesi Infection.
- 800-2/6/11 RR151 - Delineating Mechanism Of Brain Connectivity As Part Of Multimodality Treatment Of Seizure
- 800-2/6/12 RR158 - Model Integrasi Nilai Spiritual Islam Dalam Pengajian Bahasa Arab Berpandukan Teori Spiritual Al-Qushayri.
- 800-2/6/13 RR199 - A New Multi-Classifer System Based on Soft Set Theory to Improve Classification Performance for Medical Dataset
- 800-2/6/14 RR200 - Calorie Adequacy for Cognitive Recovery among Traumatic Brain Injury (TBI) Patient.
- 800-2/6/15 RR201 - Fundamental aspects of new materials using ferromagnetic detector in MRI hazard risk reduction
- 800-2/6/16 RR202 - Unravelling The Role Of Transient Receptor Potential Vanilloid 4 (TRPV4) And Its Therapeutic Potential In Human Colorectal Cancer Cells
- 800-2/6/17 RR203 - Whole genome sequencing of multidrug resistant *Acinetobacter baumannii* from Terengganu, Malaysia, reveals their population structure, genome dynamics and mechanisms of evolutionary adaptation to healthcare settings
- 800-2/6/18 RR204 - Developing A Framework Of Micro Takaful Medical And Health For Poor People In Malaysia
- 800-2/6/19 RR205 - Develop a New Model of Dynamic Postgraduate Supervision Climate in Public Higher Education
- 800-2/6/20 RR206 - Developing Bumiputra Entrepreneurs' Performance Index to measure the Effectiveness of Government Support: A mixed approach
- 800-2/6/21 RR207 - Model Ramalan Pintar Pencapaian Indeks Prestasi Atlet Menggunakan Multi Layer Perceptron-Feed Forward-Artificial Neural Network (MLP-FF-ANN)
- 800-2/6/22 RR208 - Pembinaan Model Inghimas Lughawi bagi pemantapan penguasaan bahasa Arab
- 800-2/6/23 RR209 : Pembentukan Kaedah Baharu Rehabilitasi Radikal dan Ekstremis Agama Berasaskan Pendekatan Kerohanian di Malaysia
- 800-2/6/24 RR210 : Radicalization of Apostates: Propagating Through Discourse on Social Networking Sites
- 800-2/6/25 RR211 : Formulation of the Legal Framework for Shariah Body Corporate in Malaysia
- 800-2/6/26 RR212 : The effects of toxicity of Heavy Metals on the Freshwater Fish: Case Study in Bauxite Mining Area, Pahang, Malaysia

- 800-2/6/27 RR221 : Profiling of sterol compounds and stable isotopes analysis to track fecal sources at Linggi River Basin, Malaysia
- 800-2/6/28 RR222 : Potential Effects of Climate Change on Streamflow, based on the occurrence of severe floods in East and West Coasts of Malaysia Peninsular River Basins
- 800-2/6/29 RR223 : Nutritional quality and varietal improvement of Cucurbitaceous vegetable crops through biofortification and reciprocal cross breeding and their variability analysis using molecular markers
- 800-2/6/30 RR224 : Elucidating the roles of Protease activated receptor-2 (PAR-2) in experimentally induced clinical mastitis in goats
- 800-2/6/31 RR225 : Investigating Anti-uterine Fibroid Potential of Malaysian Stingless Bee Propolis and Identification its bioactive Markers
- 800-2/6/32 RR226 : Triple Helix Interactions in Developing Strategic Initiatives of Livelihood Diversification and Household Well-Being for Malaysian Farming Communities
- 800-2/6/33 RR227 : Improving Facial Landmark Detection Under Various Occlusions
- 800-2/6/34 RR228 : An Enhanced Adaptive Duty Cycle Scheme for Energy Efficient and QoS-aware Wireless Sensor Network
- 800-2/6/35 RR229 : Randomized Pixel Selection Technique for Securing Least Significant Bit Algorithm Against Brute-Force Attacks
- 800-2/6/36 RR230 : A new algorithm of steepest descent method with fitting linear model for solving unconstrained optimization problem
- 800-2/6/37 RR231 - PEMBINAAN MODEL RAWATAN KANSER PAYUDARA BERASASKAN AYAT-AYAT RUQYAH SYAR`IYYAH
- 800-2/6/38 RR232 : Pembentukan Model Dakwah Fardhiyyah Melalui Pendekatan Taubat bagi Meningkatkan Penghargaan Kendiri Remaja Berisiko di Malaysia
- 800-2/6/39 RR233 : Rekabentuk Model Pembinaan Karakter 'Ibad al-Rahman Berdasarkan Pengalaman Pendidikan al-Ghazali, al-Shafie, Ibn Sina dan Muhammad al-Fatih
- 800-2/6/40 RR234 : Exploring the potential role of brain- derived neurotrophic factor (BDNF) gene towards the effect of tualang honey as cognitive enhancer among Malaysia schizophrenia patients
- 800-2/6/41 RR235 : Development of Islamic based Health-related Quality of Life (i-HRQoL): New Fundamental Model and Instrument for Muslim Patients
- 800-2/6/42 RR236 : The Effect of flavonoid compounds on NK cells activity against lung cancer cells and assessment of intracellular signaling pathway, Th1/Th2 cytokines and cytotoxic granules secretion profile

- 800-2/6/43 RR237 : Effect of artocarpin on suppression of cancer stem-like phenotypes through PKC-mediated  $\beta$ -catenin degradation and anti-migration capability of lung cancer cells
- 800-2/6/44 RR238 : Non-baumannii Acinetobacter spp. as emerging pathogens and a threat to healthcare settings: their prevalence, antimicrobial resistance and genomic characteristics of Malaysian clinical isolates
- 800-2/6/45 RR239 : Role of  $\alpha$ -Enolase induced, and Endonuclease derived degradation of Netosis, in immunogenicity of S.pneumoniae; towards development of novel, least toxic, immunogenic, environmental safe and cost effective Streptococcus Pneumoniae vaccine candidates
- 800-2/6/46 RR240 : Biofilm degradation of periodontal pathogen by probiotic strains: Gene expression profiling of candidate virulence genes
- 800-2/6/47 RR241 : Probiogenic Effects of Functional Breads Prepared with Underutilised Durian (Durio zibethinus murr.) and Beta Glucan on Glucose, Insulin, C-peptide and Appetite Regulations
- 800-2/6/48 RR242 : Elucidating the role of miR-100 and its potential to be a therapeutic target in acute promyelocytic leukaemia.
- 800-2/6/49 RR243 : Indeks Kebolehpayaan Modal Sosial B40: Kajian Ke Atas Isirumah Kumpulan Berpendapatan Rendah di Pantai Timur
- 800-2/6/50 RR244 : Membentuk Model Pemerkasaan Pendidikan Masyarakat Orang Asli Di Malaysia

**800-2/7 Skim Geran Penyelidikan Jangka Panjang (LRGS)**

- 800-2/7/1 Urusan Skim Geran Penyelidikan Jangka Panjang (LRGS)
- 800-2/7/2 RR 022 : Mechanism of Atherogenesis in Central Obesity and Atheroprotective Properties of Pure Tocotrienol, Phytosterol and HDL
- 800-2/7/3 RR 026 : A Study of The Fundamental Parameters For An Optimized Hajj Framework

**800-2/8 Skim Geran Penyelidikan Pembangunan Prototaip (PRGS)**

- 800-2/8/1 Urusan Skim Geran Penyelidikan Pembangunan Prototaip (PRGS)

**800-2/9 Skim Geran Penyelidikan Transdisiplinari (TRGS)**

- 800-2/9/1 Urusan Skim Geran Penyelidikan Transdisiplinari (TRGS)

**800-2/10 ScienceFund MOSTI**

- 800-2/10/1 Urusan ScienceFund MOSTI
- 800-2/10/2 RR220 : An Enhancement Model of Virtual Fine Motor Rehabilitation Using Kinematic Approach with Intelligent Bio Feedback

**800-2/11 TechnoFund MOSTI**

800-2/11/1 Urusan TechnoFund MOSTI

**800-2/12 Niche Research Grant Scheme (NRGS)**

800-2/12/1 Urusan Niche Research Grant Scheme (NRGS)

800-2/12/2 Pendekatan Komprehensif Rawatan Pengagihan Opiat

**800-2/13 Cambodia, Laos, Myanmar & Vietnam (CLMV)**

800-2/13/1 Urusan Cambodia, Laos, Myanmar & Vietnam (CLMV)

800-2/13/2 RR192 : Empowering Peddling Doctors Towards Remote Diagnostics And Consultation In Rural Cambodia

800-2/13/3 RR194 : Projek Misi Pengukuhan dan Pemantapan bahasa Arab Bersama Pelajar Institute Of Integrated Tahfiz Cambodia (INTAC)

**800-2/14 Geran Penyelidikan Agensi Kerajaan/ Badan Berkanun**

800-2/14/1 Urusan Geran Penyelidikan Agensi Kerajaan/ Badan Berkanun

800-2/14/2 RR245 : Pengaruh Logam Berat Terhadap Spesies Hutan Paya Laut di Pantai Timur Semenanjung

800-2/14/3 RR246 : Mengenalpasti dan Mengaplikasikan Atribut Graduan Dietetik dalam Menghadapi Revolusi Industri 4.0

800-2/14/4 RR248 : Kursus Tahsin Quran dan Perguruan Guru Tasmi' Imtiaz Terengganu (Siri 3 sehingga Siri 7)

800-2/14/5 R0027 : Kajian Sosioekonomi dan Penggunaan Tanah Suku Kaum Temiar di Negeri Kelantan

800-2/14/6 External Examining Policy Implementation and Effectiveness in Higher Education Institution in Malaysia

800-2/14/7 A grounded theory approach to discovering the conceptualisation of 'moderate muslim' by a multicultural and multi-faith society

800-2/14/8 Pemetaan Dokumen Perundangan Negeri Terengganu Dalam Bentuk Katalog

800-2/14/9 Pembangunan Indeks Kebolehpayaan Atlet Terengganu (PIKAT) Berdasarkan Pengesahan Corak Prestasi dan Kecergasan Atlet SUKMA Terengganu 2018

**800-2/15 Geran Dana Pembudayaan Penyelidikan (RAGS)**

800-2/15/1 Urusan Geran Dana Pembudayaan Penyelidikan (RAGS)

800-2/15/2 RR 029 - Phylogenetics and Micropropagation for Conservation of Phalaenopsis Blume. (Orchidaceae)

800-2/15/3 RR 030 - Objectively Measured Physical Activity and Sedentary Behaviour of Obese Children with Malaysian-Based Dietary Intake Aged 9-11 Years Old

800-2/15/4 RR168 - Pembinaan Kaedah Penyelidikan Berasaskan Proses Fatwa

**800-2/16 Skim Geran Penyelidikan Strategik (SRGS)**

800-2/16/1 Urusan Skim Geran Penyelidikan Strategik (SRGS)

- 800-2/16/2 RR184 - Pembentukan Model Pelaksanaan Lestari Kursus Pra-Perkahwinan sebagai Asas Bina Keluarga Pasangan Muda Muslim
- 800-2/16/3 RR186 - Regulatory Policies For Cross Border Tourism Industry: Special Reference to Protection Of Tourist
- 800-2/16/4 RR189 - Developing an Islamic Risk Management Framework for Malaysian Public Listed Companies (PLCs) Based on Islamic Literature
- 800-2/16/5 R0019-R001 : Pembentukan Indikator Kemenjadian Jati Diri Islamik Menerusi Pengajaran dan Pembelajaran Bahasa dalam Kalangan Pelajar di Sekolah Menengah Agama Terengganu
- 800-2/16/6 R0019-R002 : Effects of Betaine-Rich Nano Fertilizer to Lessen Dertimental Consequences of Salt Stress on Plants
- 800-2/16/7 R0019-R003 : Assesment of Antihypertensive, Antioxidative, and Anticancer Activities of Duck Feet Gelatin Hydrolysate
- 800-2/16/8 R0019-R004 : Investigation of Multidrug Resistance Mechanism in Pseudomonas Aeruginosa Isolated from Small Ruminant with Mastitis
- 800-2/16/9 R0019-R005 : Cost Efficiency, Capital Position and Risk Taking in the Emerging Markets Islamic Banks: Evidence from Asia-Pacific and Middle East and North Africa (MENA) Countries
- 800-2/16/10 R0019-R006 : Real Time Interaction Method for Walking Disability Student in the 3-Dimensional Environment based on Computer Assisted Learning (CAL)
- 800-2/16/11 R0019-R007 : Pembinaan Model Jabatan Mufti Negara dalam Penentuan dan Penyelarasan Fatwa di Malaysia
- 800-2/16/12 R0019-R008 : Indeks Penglibatan Eksterisme Masyarakat Kelas Bawahan Malaysia
- 800-2/16/13 R0019-R009 - Quality of recovery in children undergoing ambulatory dental surgery: A comparison of total intravenous anesthesia with propofol and remifentanil to inhalational sevoflurane anesthesia.
- 800-2/16/14 R0019-R010 : Substance Abuse Among Adolescents in Malaysia: Developing a Comprehensive At-risk Adolescent Screening Tool for Primary Prevention
- 800-2/16/15 Design, Fabrication and Characterisation of Polymer Composites for Additive Manufacturing Process.
- 800-2/16/16 Preparation, structure and microwave properties of the NaOH-treated coir reinforced polymer composites
- 800-2/16/17 Prediction of Coronary Heart Disease (CHD) Risk Using Dietary Risk Calculator: The Malaysian Diet and CHD Study (MyDiet-CHD STUDY)
- 800-2/16/18 R0019-R014 : Effects of Energy Bar Prepared with Whey Protein and Beta Glucan on Muscle Protein Synthesis via Activation of Mammalian Target of Rapamycin Complex 1 (MTORC1) Genes

- 800-2/16/19 R0019-R015 : Factors Associated with Stroke Recurrence and the Development of A Module on Diet & Lifestyle
- 800-2/16/20 R0019-R016 : Development and Evaluation of Effective Health Education Module Against Respiratory Tract Infections Among Malaysian Hajj Pilgrims: A Quasi Experimental Study
- 800-2/16/21 R0019-R017 : Pembangunan Pemodelan Luahan Persekitaran Bagi Kajian Ekohirologi Di Tasik Kenyir, Hulu Terengganu, Terengganu.
- 800-2/16/22 R0019-R018 : IoT-enabled Rainwater Harvesting System for Sustainable Campus Environment
- 800-2/16/23 R0019-R019 : In vitro and in vivo anti-diabetic activities of Aquilaria malaccensis leaves
- 800-2/16/24 R0019-R020 : Pembinaan Profil Manuskrip Ulama Terengganu Sebelum Kurun 19
- 800-2/16/25 R0019-R021 : Pembentukan Model Baru Kepimpinan Transformasional Pengetua Sekolah Menengah di Malaysia
- 800-2/16/26 R0019-R022 : The Process of Ijtihad in Dealing with Facts in Islamic Judicial System: A Manifestation of al-Ijtihad fi al-Waki'
- 800-2/16/27 R0019-R023 : Pembangunan Instrumen Ujian Kepulihan Ketagihan Dadah AADK Versi 1 (A-UKKD V1) [AADK Drug Addiction Recovery Test Version 1 (A-DART v1)] Untuk Menganalisis Tahap Kepulihan, Kemungkinan Relaps Dan Kekuatan Mental Bekas Penagih
- 800-2/16/28 R0019-R024 : Pembinaan Model Dakwah Pemulihan Tangani Penagihan Dadah
- 800-2/16/29 R0019-R025 : Pembangunan Model Islamic Work-Life Balance (i-WLB) bagi Wanita Bekerjaya Berdasarkan Maqasid Syariah ke Arah Peningkatan Kualiti Hidup (QOL) Berkeluarga
- 800-2/16/30 R0019-R026 : Metode Bimbingan Haji oleh Lembaga Tabung Haji: Analisis Terhadap Modul Penerbitan dan Cadangan Penambahbaikan
- 800-2/16/31 R0019-R027 : Biodiversity and Conservation Study of Medicinal and Aromatic Plants of Terengganu

### 800-2/17 Geran Khas Universiti

- 800-2/17/1 Urusan Geran Khas Universiti
- 800-2/17/2 R0008 : Pembangunan Sistem Maklumat Jadual Kuliah Dan Peperiksaan Bersepadu Unisza
- 800-2/17/3 R0023 : Penyelidikan dan Pembangunan Sistem Pengurusan Aset Hidup Ladang UniSZA
- 800-2/17/4 R0030 : Inhibition of Cancer Cell Proliferation by 'Singgang' Paste Extracts
- 800-2/17/5 R0035 : Model Hidup Sihat Berasaskan Gaya Hidup Rasulullah S.A.W

- 800-2/17/6 R0036 : Kitab Al-Sirat Al-Mustaqim Karangan Syakh Nur Al-Din Al-Raniri (Kitab Al-Zakah Hingga Al-Al-At'imah): Teks dan Analisis
- 800-2/17/7 R0014 : Classification Of Napier Frass Nutrient Content Using Digital Image Processing
- 800-2/17/8 R0015 : Smart Farming: Goat Dairy Farm Smart Monitoring Using Low Range And Lo Power Wireless Platform

#### **800-2/18 Graduate On Time (GOT)**

- 800-2/18/1 Urusan Graduate On Time (GOT)
- 800-2/18/2 R0004-R294 : Indoor Air Quality in University Area - A Comprehensive Approach of Multi-Criteria Indoor Pollution Classification and Potential Health Risk of Buildings.
- 800-2/18/3 R0004-R295 : Preliminary Study on Image Evaluation of Chest Phantom by Quasi-Monoenergetic X-Ray Photons
- 800-2/18/4 R0004-R296 : Characterization of Heavy Metal Tolerant Fungi Isolated from Polluted Sites in the East Coast of Peninsular Malaysia
- 800-2/18/5 R0004-R297 : The Effect of Antioxidant in Olive in Progression of Age Related Hearing Impairment
- 800-2/18/6 R0004-R298 : Probiotic Effects On Rats Infected With Periodontopathogen: In Vivo Proinflammatory Markers And Histopathology Analysis

#### **800-2/19 Geran Kerjasama (Kolaborasi)**

- 800-2/19/1 Urusan Geran Kerjasama (Kolaborasi)
- 800-2/19/2 R0021 : i-BeePTM: Intelligent Prediction of Location, Tracking and Monitoring of Stingless (Kelulut) Bee Hives

#### **800-2/20 Geran Ganjaran MYRA**

- 800-2/20/1 Urusan Geran Ganjaran MyRA
- 800-2/20/2 R0025 : Model Sarana Terapi Jiwa Berpandukan Teori Spiritual Al-Ghazali
- 800-2/20/3 R0033 : Kajian Profil Institut Tahfiz Malaysia dan Pembinaan Sistem Maklumat (e-PINTA)

#### **800-2/21 Projek Penyelidikan Strategik (Translational Research) KPT**

- 800-2/21/1 Urusan Projek Penyelidikan Strategik (Translational Research) KPT
- 800-2/21/2 Application of AI Using Frozen Semen Obtained from community Saanen Bucks to improve the pregnancy rate of the Does
- 800-2/21/3 Value-Adding of Goat's Feeding to Increase Quantity and Quality of Goat's milk
- 800-2/21/4 Development of Sustainable Goat Husbandry System
- 800-2/21/5 Smart farming for UniSZA's Community Dairy Farm



**800-3    Persidangan/ Bengkel/ Simposium/ Kolokium/ Pameran/ Kerja Lapangan**

**800-3/1    Penganjuran Persidangan/ Bengkel/ Simposium/ Kolokium/ Pameran/ Expo**

800-3/1/1    Minggu Penyelidikan dan Inovasi (MPI)

**800-3/2    Permohonan Menghadiri Persidangan/ Bengkel/ Simposium/ Kolokium**

800-3/2/1    Permohonan Pensyarah Menghadiri Persidangan/ Bengkel Dalam Negara

800-3/2/2    Permohonan Pensyarah Menghadiri Persidangan/ Bengkel Luar Negara

**800-3/3    Permohonan Menghadiri Pameran/ Expo**

800-3/3/1    Permohonan Menghadiri Pameran/ Expo Dalam Negara

800-3/3/2    Permohonan Menghadiri Pameran/ Expo Luar Negara

**800-4 Tadbir Urus Modal Insan**

**800-4/1    Pembantu Penyelidik Siswazah (GRA)**

800-4/1/1    Urusan Pembantu Penyelidik Siswazah (GRA)

**800-4/2    Pembantu Penyelidik (RA)**

800-4/2/1    Urusan Pembantu Penyelidik (RA)

**800-4/3    Juru Lapangan / Pembanci / Penterjemah**

800-4/3/1    Urusan Juru Lapangan / Pembanci / Penterjemah

**800-5 Pengurusan Harta Intelek dan Pengkomersialan**

**800-5/1    Pengkomersialan Harta Intelek**

800-5/1/1    Penjualan Produk

800-5/1/2    Pelesenan

800-5/1/3    Jualan Terus

**800-5/2    Sijil Perlindungan Harta Intelek**

800-5/2/1    Paten

800-5/2/2    Hak Cipta (Copyright)

800-5/2/3    Rekabentuk Industri (Industrial Design)

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