

List of Active Internal Funded Projects as at 31 December 2020

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
1	Akihiko Nakayama	<i>Development of smoothed particle hydrodynamics method for free surface flows in rivers and coasts</i>	UTARRF	32,000.00
2	Aloysius Yapp	<i>Development of a 3-Dimensional (3D) Virtual Guided Walkthrough (VGW)</i>	UTARRF	6,720.00
3	Amy Saik Yi Hsan	<i>Cytotoxicity of adriamycin and cytarabine on monocytic cells derived from leukemia-specific induced pluripotent stem cell</i>	UTARRF	55,400.00
4	Ang Kok Yew	<i>Rejuvenating Chinese Opera Through the Integration of Technology: A Qualitative Study on Malaysia Chinese Youth Acceptance</i>	UTARRF	6,660.00
5	Audrey Anak John	<i>Acculturation and Iban's identity in Masai, Johor</i>	UTARRF	5,000.00
6	Aun Yichiet	<i>Design and Development of Malaysian Cybersecurity Profiling Framework: Towards Creating a Recommendation System to Combat Cybercrime for Non-savvy User</i>	UTARRF	29,400.00
7	Abdelhak Senadjki	<i>Artificial Intelligence and SMEs competitiveness in the global economy</i>	UTARRF	40,300.00
8	Alan Ong Han Kiat	<i>Generation of mesenchymal stem cell (MSC)-like cells from induced pluripotent stem cells (iPSCs) and evaluation of its cancer</i>	UTARRF	66,000.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>properties, differentiation potential and exosomal effects on cancer cells</i>		
9	<i>Andy Chit Tan</i>	<i>To Investigate and Develop Rubber/Latex-Concrete Railway Sleeper for High Speed Rail</i>	<i>UTARRF</i>	<i>36,900.00</i>
10	<i>Annaletchumy Loganathan</i>	<i>Concurrent Use of Herbs to Self-management of Hypertension Among Adults living in Kinta Valley, Perak</i>	<i>UTARRF</i>	<i>39,100.00</i>
11	<i>Anto Cordelia Tanislaus Antony Dhanapal</i>	<i>Impact of Titanium Dioxide and Silver Nanoparticles on the Nutritional properties Haematococcus pluvialis</i>	<i>UTARRF</i>	<i>26,400.00</i>
12	<i>Au Yong Hui Nee</i>	<i>Digitalisation of the Economy and its Social and Economic Impacts for Sustainable Malaysian Development</i>	<i>UTARRF</i>	<i>26,400.00</i>
13	<i>Anbuselvan a/l Sangodiah</i>	<i>Enhanced POS Weighted TF-IDF in Question Classification of Exam Question based on Bloom Taxonomy</i>	<i>UTARRF</i>	<i>24,000.00</i>
14	<i>Angelina Anne Fernandez</i>	<i>Copyrights Laws on Online Teaching and Learning: A comparative study between Malaysia and International Laws</i>	<i>UTARRF</i>	<i>35,150.00</i>
15	<i>Badariah Sani</i>	<i>Empowering the National Educational Policy in Information Technology and Communication: Undergraduates' Awareness of Digital Citizenship and Lecturers' Internalization of Digital Citizenship in Malaysian ESL Classrooms</i>	<i>UTARRF</i>	<i>28,040.00</i>
16	<i>Beh Jing Han</i>	<i>Development of</i>	<i>UTARRF</i>	<i>25,000.00</i>

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Lightweight Fire Resistant Composite Panel for Interior Partition Wall</i>		
17	Chan Siow Cheng	<i>Correlation between instrumented based gait analysis and modeling in selection of footwear for amateur runners in injuries prevention and footwear customization</i>	UTARRF	35,800.00
18	Chee Pei Song	<i>Development of low frequency vibration energy harvester using stretchable electronic</i>	UTARRF	48,100.00
19	Chua Sing Yee	<i>Computational and Programmable Imaging Sensor through Single Pixel Approach</i>	UTARRF	47,500.00
20	Chee Swee Yong	<i>The role of nano-structures for the power conversion efficiency of silicon solar cell</i>	UTARRF	44,500.00
21	Chen Fanyu	<i>The Effects of Institutional Quality on Private Investment</i>	UTARRF	3,403.00
22	Chew Kuew Wai	<i>Investigation on the utilization of power electronic devices in the new generation surge protection devices (SPDs)</i>	UTARRF	27,600.00
23	Chin Hon Choong	<i>Modelling Homebuyer's Intention to Use Property Crowdfunding Platform as an Alternative Financing Option</i>	UTARRF	27,350.00
24	Chin Yik Heng	<i>Barriers and success factors towards sustainable hazardous waste management in electronic industries</i>	UTARRF	3,950.00
25	Chin Yoon Mei	<i>Predictability of stock returns using financial ratios: empirical</i>	UTARRF	750.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>evidence from companies listed on the Malaysia stock exchange</i>		
26	Chong Woon Chan	<i>Enhanced Photocatalytic Membrane Using Carbon Dots / Titanium Oxide for Degradation of Pharmaceuticals</i>	UTARRF	47,487.00
27	Clarence Anthony a/l Puspanathan	<i>Product placement marketing in movies and consumer purchase intentions: A study on Malaysia's multi ethnic cinema patrons</i>	UTARRF	2,700.00
28	Chan Ling Meng	<i>Am I right? Factors influences the upsurge of unethical practices in Malaysia Hotel Industry</i>	UTARRF	33,400.00
29	Chang Ying Ping	<i>Effects of cellulase-xylanase treatments on dietary fiber properties, prebiotic activity and bioprotein production of palm decanter cake</i>	UTARRF	36,900.00
30	Chen, I-Chi	<i>Business Health Culture Index (BHCI), Job Burnout and Health and Workplace productivity in higher education industry</i>	UTARRF	27,600.00
31	Chng Lee Muei	<i>Improvement of cellulose production from lignocellulose feedstock via ultrasonic-assisted extraction</i>	UTARRF	34,300.00
32	Charles Ramendran A/L S Pr Subramaniam	<i>Assessment of Urban social-economics Sustainability of Public Transport System In Malaysia</i>	UTARRF	30,650.00
33	Chew Choy Hoong	<i>Genetic diversity of pathogenicity islands (PAIs) of uropathogenic Escherichia coli (UPEC) strains from Perak</i>	UTARRF	52,300.00
34	Chong Lee Wai	<i>Optimal Design and</i>	UTARRF	26,400.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Control Strategy For Cost-Effective Renewable Energy Power System with Hybrid Energy Storage System</i>		
35	<i>Chou Wen Loong</i>	<i>A study of collective memory of New Village in Malaysia on 1950s-1980s: perspective from the Anthology in Malaysia Chinese Literature</i>	<i>UTARRF</i>	<i>5,200.00</i>
36	<i>Chan Siow Cheng</i>	<i>Prediction of running efficiency and injury prevention among Malaysian amateur runners: A Musculoskeletal modelling approach.</i>	<i>UTARRF</i>	<i>33,000.00</i>
37	<i>Charanjit Kaur A/P Darshan Singh</i>	<i>Malaysian Sikh Parents' Perspective on the Practice of Diverse Sexual Identity</i>	<i>UTARRF</i>	<i>7,500.00</i>
38	<i>Chew Kuew Wai</i>	<i>Investigation on the Feasibility of Power Switching Devices Against Surge Protection (SPD)</i>	<i>UTARRF</i>	<i>33,600.00</i>
39	<i>Chin Ren Jie</i>	<i>Advanced study on transport mechanism of the fine semdinets in water bodies</i>	<i>UTARRF</i>	<i>40,000.00</i>
40	<i>Chong Kok Chung</i>	<i>A Solvent-free Green Synthesis of Metal Organics Frameworks in Carbon Dioxide Adsorption for Indoor Air Quality Improvement</i>	<i>UTARRF</i>	<i>32,000.00</i>
41	<i>Chong Woon Chan</i>	<i>Biomass-based Carbon Dots: Synthesis and Application for Membrane with Antimicrobial Property.</i>	<i>UTARRF</i>	<i>31,000.00</i>
42	<i>Chua Sing Yee</i>	<i>Deep Learning Strategy</i>	<i>UTARRF</i>	<i>28,000.00</i>

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>for Computational Single Pixel Imaging</i>		
43	<i>Clement Wong Kiing Fook</i>	<i>The diversity, antimicrobial activity and plant growth promoting properties of indigenous cyanobacteria from hot springs of Peninsular Malaysia as potential source of biofertilizers</i>	<i>UTARRF</i>	<i>50,000.00</i>
44	<i>Deveendra Menon a/l Narayanan Nair</i>	<i>Peace and Performance (2P) Paradigm for ICT Professionals : Exploring the Link between Employee Peace and Organization Performance</i>	<i>UTARRF</i>	<i>2,800.00</i>
45	<i>Denis Wong Chee Keong</i>	<i>Code-Based Cryptographic Primitives for Post Quantum e-Voting System Based on the Blockchain Technology</i>	<i>UTARRF</i>	<i>26,400.00</i>
46	<i>Edwin Michael Muniandy</i>	<i>The Role of Social Media in Political Socialization of Malaysian Youth.</i>	<i>UTARRF</i>	<i>2,600.00</i>
47	<i>Eng May Chuen</i>	<i>A study of social media socialization effects on the ethnic boundary of Malaysian Chinese</i>	<i>UTARRF</i>	<i>1,300.00</i>
48	<i>Foo Meow Yee</i>	<i>Third party service provider: Sustainability of green logistics towards triple bottom line performance.</i>	<i>UTARRF</i>	<i>2,500.00</i>
49	<i>Foo Chuan Chew</i>	<i>Exploring Parents' Influence on the Augmented Reality (AR) in Science Subject at Pre-school Education Level</i>	<i>UTARRF</i>	<i>4,600.00</i>
50	<i>Foo Chai Nien</i>	<i>Genetic and Proteomic Biomarkers for Body Constitution: as a Predictive Approach for</i>	<i>UTARRF</i>	<i>41,400.00</i>

APPENDIX A1

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Detecting Depression among UTAR Students in Sungai Long Campus.</i>		
51	Gan Chin Heng	<i>Enhancement of Anaerobic Digestion by Electrochemical Pretreatment of Waste Activated Sludge using Ti/RuO₂ Electrodes.</i>	UTARRF	61,600.00
52	Gengeswari a/p Krishnapillai	<i>Enhancing brand equity through sustainability marketing: A study on homestays in Malaysia</i>	UTARRF	36,000.00
53	Gobi A/L Vetharatnam	<i>Three dimensional antenna array as an enabling technology for 5G wireless networks</i>	UTARRF	37,000.00
54	Goh Hock Guan	<i>Deep Learning in Botnet Detection using SDN Spatial Correlations</i>	UTARRF	36,000.00
55	Goh Hong Lip	<i>A STUDY ON THE REGULATION, PARTNER-DRIVER'S WELFARE, AND SUSTAINABILITY OF E-HAILING INDUSTRY IN MALAYSIA</i>	UTARRF	27,950.00
56	Gan Quan Fu	<i>The Influence of Insulin Growth Factor-1 on Umbilical Cord Mesenchymal Stem Cells Proliferation and Collagen Secretion</i>	UTARRF	25,500.00
57	Gobi a/l Kanadasan	<i>Natural convection air cooling for photo-voltaic panels</i>	UTARRF	30,600.00
58	Goh Chuan Meng	<i>Prototype Design of Vein Localization and its Depth Estimation in Embedded System</i>	UTARRF	52,900.00
59	Goh Wei Lim	<i>Population genetic assessment of <i>xGigantocalamus malpenensis</i> (Poaceae, Bambuseae), a bamboo</i>	UTARRF	57,000.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>hybrid of silvicultural potential in Malaysia</i>		
60	<i>Gulnaziya Issabayeva</i>	<i>Synthesis of zinc oxide from desorption solutions and evaluation of its quality.</i>	<i>UTARRF</i>	<i>32,200.00</i>
61	<i>Goh Choon Hian</i>	<i>Development of a Syncope Detection Algorithm from Physiological Signals Acquired in Head-up Tilt Table Test</i>	<i>UTARRF</i>	<i>62,800.00</i>
62	<i>Goh Yong Kheng</i>	<i>On construction of collective student-course profiles with critical learning pathways: An unbiased learning analytics framework.</i>	<i>UTARRF</i>	<i>26,900.00</i>
63	<i>Gan Ming Lee</i>	<i>A Secure and Anonymous E-Voting Framework with Non-repudiation Assurance</i>	<i>UTARRF</i>	<i>24,000.00</i>
64	<i>Humaira Nisar</i>	<i>Enhancing the Neuro-feedback Training Experience using Music Stimulation Based on EEG Emotion Recognition</i>	<i>UTARRF</i>	<i>14,400.00</i>
65	<i>Huang Yuk Feng</i>	<i>Data Mining and Machine Learning Approaches in Investigation of Climate Change Impacts on Reservoir Storage Changes</i>	<i>UTARRF</i>	<i>36,000.00</i>
66	<i>Hum Yan Chai</i>	<i>A new machine learning based method to predict the moment of conversion to Alzheimer's Disease (AD) using only structural Magnetic Resonance (MR) Bio-markers.</i>	<i>UTARRF</i>	<i>26,400.00</i>
67	<i>Humaira Nisar</i>	<i>Study the Effect of Long-</i>	<i>UTARRF</i>	<i>33,600.00</i>

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Term Neurofeedback Training on Executive Functions using Brain Network and Spectral Analysis</i>		
68	<i>Ida Puteri Binti Mahsan</i>	<i>Innovating Education 4.0 Learning for Graphic Design Field in Higher Education</i>	<i>UTARRF</i>	<i>27,600.00</i>
69	<i>Jeffrey Chin Kong Leong</i>	<i>Development of hydroxyapatite-forsterite nanocomposite with improved mechanical properties via wet chemical method.</i>	<i>UTARRF</i>	<i>41,800.00</i>
70	<i>Joanna Tan Tjin Ai</i>	<i>Examining the relationship between personality traits, fear of (not or) negative evaluation and public speaking anxiety among Malaysian undergraduates</i>	<i>UTARRF</i>	<i>37,647.40</i>
71	<i>Jeffrey Yap Boon Hui</i>	<i>Construction planning and control: Reducing rework and improving safety</i>	<i>UTARRF</i>	<i>29,300.00</i>
72	<i>Joshua A/L Jaya Prakash</i>	<i>A hierarchical framework for mitigating quality inspection process in labor intensive manufacturing environments to reduce overall cycle time</i>	<i>UTARRF</i>	<i>26,900.00</i>
73	<i>Jayamalathi a/p Jayabalan</i>	<i>Role of Intellectual capital in achieving Frugal innovation among Malaysian Private Universities</i>	<i>UTARRF</i>	<i>3,550.00</i>
74	<i>Kwan Wai Hoe</i>	<i>Development of Quarry Dust By Product as Potential Filler for Thermoplastic Polymers</i>	<i>UTARRF</i>	<i>39,800.00</i>
75	<i>Khor Siak Wang</i>	<i>Development and Evaluation of Usability</i>	<i>UTARRF</i>	<i>14,400.00</i>

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Enhancement Model for Unstructured Big Data</i>		
76	<i>Teh Peh Chiong</i>	<i>Design and Development of Miniaturized Torsional Spring Actuator</i>	<i>UTARRF</i>	<i>57,400.00</i>
77	<i>Kang Waye Hann</i>	<i>Prevalence of Hypogonadism among Type 2 Diabetic Males Attending Diabetes Clinic & Primary Healthcare Clinic in PPUKM</i>	<i>UTARRF</i>	<i>18,000.00</i>
78	<i>Khor Kok Chin</i>	<i>Mitigating Unbalanced and Overlapping Problems of Large Network Intrusion Data Using Multiple-Level Detection Techniques</i>	<i>UTARRF</i>	<i>26,400.00</i>
79	<i>Khor Saw Chin</i>	<i>Quality of Life among Elderly in Malaysia: The Role of Financial Determinants</i>	<i>UTARRF</i>	<i>31,400.00</i>
80	<i>Kuan Seng How</i>	<i>Elucidation of Fe reduction mechanisms in kaolin bioleaching by Bacillus species</i>	<i>UTARRF</i>	<i>38,400.00</i>
81	<i>Kwong Kok Zee</i>	<i>Seismic Resistance Lightweight Fiber-Reinforced Interlocking Concrete Block</i>	<i>UTARRF</i>	<i>42,400.00</i>
82	<i>Kristina A/P Francis</i>	<i>Design and Development of a Flipped Professional Development Massive Open Online Course (Fit-Pd MOOC) for University Educators</i>	<i>UTARRF</i>	<i>4,590.00</i>
83	<i>Kuah Yoke Chin</i>	<i>The Adoption of Peer-2-Peer Lending: TAM perspective</i>	<i>UTARRF</i>	<i>2,500.00</i>
84	<i>Kayatri A/P Vasu</i>	<i>Rethinking Assessment and Evaluation in Higher Education for a Post-Pandemic World: Practices and</i>	<i>UTARRF</i>	<i>26,530.00</i>

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Challenges</i>		
85	<i>Komathi a/p Munusamy</i>	<i>Exploring User Needs in the Development of a Virtual Reality- Based Tourism in Malaysia</i>	<i>UTARRF</i>	<i>4,050.00</i>
86	<i>Koo Chai Hoon</i>	<i>Water Quality Index Prediction using long short-term memory (LSTM) Deep Learning Method with Signal Preprocessing.</i>	<i>UTARRF</i>	<i>33,600.00</i>
87	<i>Ku Chin Soon</i>	<i>A Recognition-based Graphical User Authentication scheme to Resist Shoulder-Surfing Attacks</i>	<i>UTARRF</i>	<i>25,668.00</i>
88	<i>Low Chin Kian</i>	<i>The Internationalisation of Malaysian SMEs: The Critical Factors Associate to the Accelerated Export</i>	<i>UTARRF</i>	<i>1,280.00</i>
89	<i>Leong Kah Hon</i>	<i>Alteration of Bismuth Phosphate based Nanomaterial as Sunlight Sensitive Photocatalysts</i>	<i>UTARRF</i>	<i>45,000.00</i>
90	<i>Ling Liong Ngo</i>	<i>Writing of Classical Chinese Poetry in Perak: Mountain City Collection of the Shancheng Poetry Society</i>	<i>UTARRF</i>	<i>33,000.00</i>
91	<i>Lee Ying Loong</i>	<i>Resource Management for Energy-Efficient Network Slicing in Multi-Tenant 5G Networks</i>	<i>UTARRF</i>	<i>30,000.00</i>
92	<i>Lim Boon Han</i>	<i>Tailor-made Tropical Solar Irradiance Analytical Model for the Performance Optimization, Estimation and Assessment of a Photovoltaic Power Plant</i>	<i>UTARRF</i>	<i>46,600.00</i>
93	<i>Lim Chun Hsion</i>	<i>Debottlenecking of bio-oil sustainability profile and supply chain optimization in multi oil</i>	<i>UTARRF</i>	<i>36,500.00</i>

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>crops application system via element targeting approach</i>		
94	<i>Lai An Chow</i>	<i>Development of a Proactive Traditional Chinese Medicine (TCM) Diagnosing System for Illness using Deep Learning</i>	<i>UTARRF</i>	<i>43,200.00</i>
95	<i>Lai Siew Cheng</i>	<i>A framework to analyze temporal information learned in a two-stream Convolutional Neural Network (CNN) for action recognition in video domain</i>	<i>UTARRF</i>	<i>6,300.00</i>
96	<i>Lam Sze Mun</i>	<i>A solar light-driven photocatalytic fuel cell (PFC) with dual heterostructured electrode for efficient power generation concomitantly organics degradation</i>	<i>UTARRF</i>	<i>52,800.00</i>
97	<i>Lau Phooi Yee</i>	<i>Study of Non-Extractive Fisheries Image Sampling Techniques for Aquaculture Farm Ecosystem</i>	<i>UTARRF</i>	<i>31,250.00</i>
98	<i>Lee Sze Ying</i>	<i>Extraction and Fractionation of High-value Compounds from Microalgae Biomass using Ionic Liquid-based Aqueous Two-phase Systems</i>	<i>UTARRF</i>	<i>30,400.00</i>
99	<i>Ng Hui Fuang</i>	<i>Deep learning inference engine for FPGA based IoT processor with balanced energy efficiency and speed performance</i>	<i>UTARRF</i>	<i>36,000.00</i>
100	<i>Lim Ming Han</i>	<i>Construction Noise Prediction using Stochastic Deep</i>	<i>UTARRF</i>	<i>27,200.00</i>

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Learning</i>		
101	<i>Lin Horng Sheng</i>	<i>Design and Characterization of Intelligent Leak Detection System in Water Distribution Network</i>	<i>UTARRF</i>	<i>36,000.00</i>
102	<i>Lo Po Kim</i>	<i>Batch production of glycerol carbonate using shell catalysyt and crude glycerol</i>	<i>UTARRF</i>	<i>33,600.00</i>
103	<i>Loo Keat Wei</i>	<i>Developing The Bioinformatics Pipeline for Computational Epigenomic, Transcriptomic and Proteomic analyses of ischemic stroke</i>	<i>UTARRF</i>	<i>36,500.00</i>
104	<i>Low Suet Cheng</i>	<i>A Study On The Acceptance Level Of Investors On A New Electronic Lending In Malaysia</i>	<i>UTARRF</i>	<i>1,225.00</i>
105	<i>Lee Siew Keah</i>	<i>Potential hepatotoxicity and Pro-Oxidative Effects of 14-day and 28-day of Oral Epigallocatechin-3-gallate Administrations in Spontaneously Hypertensive Rats</i>	<i>UTARRF</i>	<i>59,560.00</i>
106	<i>Leong Lai Ying</i>	<i>What drives Blockchain integration in SMEs towards achieving competitive advantage? A Technology-Organization-Environment perspective</i>	<i>UTARRF</i>	<i>1,200.00</i>
107	<i>Leong Sim Siong</i>	<i>Development of Continuous Flow Low Gradient Magnetic Separator: Modelling and Optimization</i>	<i>UTARRF</i>	<i>38,900.00</i>
108	<i>Liew Soung Yue</i>	<i>Strategic Floor Planning and Efficient Multi-Robot</i>	<i>UTARRF</i>	<i>27,400.00</i>

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Routing Algorithms for Automated Parcel Sorting Centre</i>		
109	<i>Lim Chong Hooi</i>	<i>Portable Floating Water Wheel Design for Small Scale Hydropower Generation in Rural Areas</i>	UTARRF	35,200.00
110	<i>Ling Lloyd</i>	<i>The Assessment of Malaysian Oil Palm Industry Competitiveness Due to El Nino, Ageing Crops and Plantation Area Constraints</i>	UTARRF	34,850.00
111	<i>Ling Wei Chih</i>	<i>Investigation of the vasoprotective mechanism of epigallocatechin-3-gallate (EGCG) in Spontaneously Hypertensive Rats</i>	UTARRF	55,900.00
112	<i>Lai Ka Fei</i>	<i>Entrepreneurship Case Study (An Online Seafood Company: Ricksman Fish Markets)</i>	UTARRF	3,050.00
113	<i>Lam Sau Kuen</i>	<i>Investigating the mechanism of vasodilatory effect of Gynura procumbens (Phase 2)</i>	UTARRF	29,000.00
114	<i>Lee Foo Wei</i>	<i>Fundamental study on soil and stone stabilizing agent incorporating with new chemical mixture</i>	UTARRF	44,400.00
115	<i>Lee Kim Yee</i>	<i>Chipless Radio Frequency Identification (RFID) Tag Sensor for Structural Health Monitoring</i>	UTARRF	40,000.00
116	<i>Lee Lai Meng</i>	<i>The predictive effect of digital addiction on individual work performance of Malaysian academics in</i>	UTARRF	30,900.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>private higher education context</i>		
117	Lee Soo Chee	<i>The Chinese Calligraphy Heritage of Malaysia : A Study of Tsue Ta Tee's Chinese Calligraphy and its significant meanings to Penang Island</i>	UTARRF	3,700.00
118	Lee Yong Hong	<i>Design and optimization of planar inverted-L antenna for on- and in-metal RFID tagging applications</i>	UTARRF	41,400.00
119	Leung Kar Hang	<i>Front yard robbery/theft detection based on human behavior and yard layout</i>	UTARRF	26,400.00
120	Lam Siew Yong	<i>The changing patterns of online learning behaviour among Malaysian university students due to Covid-19 pandemic: The mediating role of desire</i>	UTARRF	27,800.00
121	Lam Sze Mun	<i>Carbide lime-based constructed wetland-microbial fuel cell for wastewater treatment and simultaneous bioenergy generation</i>	UTARRF	24,000.00
122	Lee Bee Sun	<i>Generation of Diffuse Large B-cell Lymphoma (DLBCL)-derived induced Pluripotent Stem Cell (iPSC) from a DLBCL cell line</i>	UTARRF	52,000.00
123	Lee Han Kee	<i>Graphene-based ZnSe Nanocomposite as Saturable Absorber for Generation of Ultrashort Pulse</i>	UTARRF	43,500.00
124	Lee Poh Foong	<i>Neurophysiological Study on the Effect of Applying Smartphone Deep Breathing App and</i>	UTARRF	33,600.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Cognitive Measurement with Virtual Reality among Wheelchair Bounded People</i>		
125	Lee Siew Keah	<i>Investigation of The Inhibitory Effect of Epigallocatechin Gallate on the Renal Renin-Angiotensin System (RAS) In Spontaneously Hypertensive Rat</i>	UTARRF	27,800.00
126	Lee Ying Loong	<i>Intelligent Load Balancing in Energy-Efficient Unmanned Aerial Vehicle-Assisted Heterogeneous Networks for 5G and Beyond</i>	UTARRF	33,600.00
127	Lim Chun Hsion	<i>Investigation of Industry 4.0 Impact and the Adaptation Strategy for Certified Sustainable Palm Oil Production</i>	UTARRF	24,000.00
128	Loh Xiu Ming	<i>Understanding the Continuance Intention to Use Mobile Payment in Malaysia</i>	UTARRF	2,500.00
129	Minoru Murata	<i>Characterization of centromere-specific proteins in oil palms—Towards systematic haploid plant production</i>	UTARRF	69,500.00
130	Mok Siew Ying	<i>Investigation of the association of N-methyl-D-aspartate (NMDA) receptor inhibition with drug addiction</i>	UTARRF	26,400.00
131	Mohammad Babrdel Bonab	<i>Timber Defect Recognition System</i>	UTARRF	31,000.00
132	Maryam Khanian Najafabadi	<i>Autonomous Recommender Model for Determining Tag Recommendation on Vendor's Products by Considering Natural</i>	UTARRF	26,400.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Language Processing (NLP) Techniques</i>		
133	<i>Mathialagan A/L Muniyadi</i>	<i>Development of High Performance Coating Material using Waste Tire Powder</i>	UTARRF	36,000.00
134	<i>Maziah binti Husin</i>	<i>B40 income group reaction towards spending, savings & investment, and debt management for a better future financial well-being.</i>	UTARRF	3,180.00
135	<i>Mobashar Rehman</i>	<i>Integrated SEM-Neural Network Approach to Improve Cyber Security Behaviour through Cyber Hygiene among Employees of Software Development SMEs</i>	UTARRF	36,000.00
136	<i>M Sultana Alam</i>	<i>Gender Gap in Industry 4.0 Related Critical Educational Subjects (STEM) within Higher Education: Measurement from Female University Students' Perspective</i>	UTARRF	25,100.00
137	<i>Ng Choon Aun</i>	<i>Fundamental Study Of Binding Characteristic Of Glycerine Pitch In The Production Of Green Building Materials</i>	UTARRF	42,600.00
138	<i>Nurul Afidah Binti Mohamad Jusob @ Mohamad Yusof</i>	<i>Analysis on quota vs quality of women directorship in the Malaysian corporate sector</i>	UTARRF	26,400.00
139	<i>Ng Yee Sern</i>	<i>Investigation on the use of food waste derived biosorbents on nitrate removal from water</i>	UTARRF	33,400.00
140	<i>Ngeow Yun Fong</i>	<i>The influence of Candida albicans heat shock proteins on virulence and drug</i>	UTARRF	50,000.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>resistance</i>		
141	Nur Aizuri Binti Md Azmin	<i>The development of self-management coping strategy model at-risk of internet addiction for pre-service teachers</i>	UTARRF	1,450.00
142	Ng Foong Leng	<i>A study on traditional chinese medicine body constitution in breast cancer patients</i>	UTARRF	26,800.00
143	Ng Hui Fuang	<i>Video Surveillance with Deep Learning and Few-Shot Learning</i>	UTARRF	36,000.00
144	Ng Law Yong	<i>Investigation on photocatalytic stability of carbon quantum dots in a photo-degradation reaction</i>	UTARRF	37,600.00
145	Nor Ismaliza Binti Mohd Ismail	<i>Potential of a novel and thermostable recombinant phage endolysin KW01-E against Shigella spp.</i>	UTARRF	41,400.00
146	Norliza binti Shah Jehan Mutiah	<i>The effectiveness of neurofeedback training in social media addiction and its association with stress, anxiety and depression related genes among young adults</i>	UTARRF	48,000.00
147	Nadya Supian	<i>Escape the classroom now! A Study on the effects of simulation games on metacognitive awareness, vocabulary learning strategy use and motivation</i>	UTARRF	29,000.00
148	Ng Chai Yan	<i>Perovskite Solar Cell Fabrication using Vanadium Oxide as Inorganic Charge Transport Layer in n-i-p Configuration.</i>	UTARRF	45,600.00
149	Ngeow Yun	<i>The effect of fungal-</i>	UTARRF	34,000.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
	<i>Fong</i>	<i>bacterial interactions on the expression of virulence in Candida albicans in multi-species biofilms</i>		
150	<i>Nurliyana Binti Maludin</i>	<i>Moving Toward Society 5.0: Examine the Readiness Factors and Perceived Attitude of Millennial Toward Emerging Smart Technology in Malaysia</i>	UTARRF	31,500.00
151	<i>Nurul Afidah Binti Mohamad Jusob @ Mohamad Yusof</i>	<i>Digitalization of audit and its impact on audit firms' corporate governance in Malaysia</i>	UTARRF	36,100.00
152	<i>Ooi Jong Boon</i>	<i>Blending Effects of Diethyl Ether and Ethanol on the Combustion and Emission Behaviours of Malaysian Palm Biodiesel Droplet.</i>	UTARRF	33,900.00
153	<i>Olanrewaju Abdullateef Ashola</i>	<i>Investigation into occupational health and safety practices in the Malaysian construction industry</i>	UTARRF	38,000.00
154	<i>Ong Yit Thai</i>	<i>Synthesis of carbon nanotubes based photocatalytic antifouling membrane for water reclamation</i>	UTARRF	40,900.00
155	<i>Ooi Boon Yaik</i>	<i>An IoT Acousttic Processing Framework for Machine Operation Monitoring using Reactive Programming Approach</i>	UTARRF	26,900.00
156	<i>Ooi Chee Keong</i>	<i>International Financial Reporting Standards (IFRS) adoption in China and Malaysia , A comparison study</i>	UTARRF	33,400.00
157	<i>Phoon Lee</i>	<i>DNA Content Analysis</i>	UTARRF	48,000.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
	<i>Quen</i>	<i>and Expression of Pathogenesis-Related Genes in Dragon Fruit (Hylocereus spp.) During Pathogen Infection</i>		
158	<i>Pua Chang Hong</i>	<i>Integration of weak-resonant cavity Fabry-Perot laser diode in acoustic sensing based on laser dynamics behavior</i>	<i>UTARRF</i>	<i>40,500.00</i>
159	<i>Pragash a/ Muthu Rajan</i>	<i>The Intercultural Communication Competence (ICC) Among Malaysian Undergraduates: From the Perspective of Anxiety/Uncertainty Management (AUM) Theory</i>	<i>UTARRF</i>	<i>9,080.00</i>
160	<i>Pung Pit Wan</i>	<i>Examining the relationship among social factors, self-control factor and juvenile behaviour: Self-control and coping strategy as mediators</i>	<i>UTARRF</i>	<i>33,000.00</i>
161	<i>Pang Yean Ling</i>	<i>Phytoremediation of haevy metals and in situ hydrogen production during bviosynthesis of metal oxide nanomaterials with high catalytic activity using accumulator plants.</i>	<i>UTARRF</i>	<i>33,600.00</i>
162	<i>Robithoh Annur</i>	<i>Network Coding in Device-to-Device (D2D) communication for 5G Systems.</i>	<i>UTARRF</i>	<i>26,400.00</i>
163	<i>Ramesh Kumar Ayyasamy</i>	<i>A Coherent Knowledge-Driven Deep Learning Model For Implicature Opinion Mining Using Social Big Data</i>	<i>UTARRF</i>	<i>36,000.00</i>
164	<i>Rehan Akbar</i>	<i>Feature Based Detection</i>	<i>UTARRF</i>	<i>36,500.00</i>

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>of New and Unknown Malware to Predict Threat</i>		
165	Sumathi a/p Sethupathi	<i>Production of methane from carbon dioxide using hydrogen generated from aluminum-water reaction</i>	UTARRF	59,000.00
166	Teoh Chaiw Yee	<i>Identification, Characterization and Comparison of Extracted Fish Oil (Crude and Refined Oils) Fatty Acid Contents from Latescalcarifer (Asian Seabass) Wastes via Chemical Extraction</i>	UTARRF	47,000.00
167	Simon Lau Bounq Yew	<i>IoT Data Design for Smart Cities Big Data Analytics</i>	UTARRF	38,500.00
168	Sai Mei Ling	<i>The impact of entrepreneurial competencies on firms' sustainability growth. A study of Malaysian Women entrepreneurs.</i>	UTARRF	5,700.00
169	Sim Hong Seng	<i>Spectral Proximal Methods for Solving Large Scale Sparse Optimization.</i>	UTARRF	31,400.00
170	Sinouvassane Djearamane	<i>Impact of Titanium Dioxide and Silver Nanoparticles on the Nutritional properties of Spirulina platensis</i>	UTARRF	58,400.00
171	Stella Morris	<i>Feasibility study of gravity energy storage systems for increased penetration of renewables and enhanced power quality in Malaysia</i>	UTARRF	26,400.00
172	Surindar Kaur a/p Gurmukh Singh	<i>UTAR Undergraduate Students Competency in MUET: Diagnosis and</i>	UTARRF	3,420.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Remedy</i>		
173	<i>Sayed Ahmad Zikri Bin Sayed Aluwee</i>	<i>An Optimal Image Segmentation Technique of Human Knee Joint and 3D Reconstruction Model based on MR Images</i>	UTARRF	30,900.00
174	<i>Shuit Siew Hoong</i>	<i>Development of Polyethersulfones Encapsulated polydimethyldiallyl Ammonium Chloride Functionalized Iron Oxide Microcapsule for Water Remediation</i>	UTARRF	49,375.00
175	<i>Siti Ummaizah Binti Meor Musa</i>	<i>Assessing Interpersonal Skills: Development of an Assessment Model for ESL trainee teachers</i>	UTARRF	1,450.00
176	<i>Sonia Khodabakhsh</i>	<i>Impact of the five pillars of wellbeing and intergenerational social support on life satisfaction among elderly population: A cross cultural study</i>	UTARRF	32,760.00
177	<i>Sugumaran A/L Nallusamy</i>	<i>Software Redocumentation Using Distribution Data Processing Technique To Support Program Understanding for Legacy System</i>	UTARRF	26,900.00
178	<i>Shanthy a/p Nadarajah</i>	<i>The influence of Academic Culture on Social Cultural Adjustment with Self-Efficacy as the moderator: A study on higher education institutions in Malaysia.</i>	UTARRF	4,000.00
179	<i>Siew Pei Hwa</i>	<i>Promoting 21st Century Skills in Constructivism and Project-Based Blended Learning</i>	UTARRF	7,200.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Environments for Multimedia Production Instruction among University Students</i>		
180	Sim Jia Huey	<i>Silicone Rheological Behavior Modification for 3D Printing</i>	UTARRF	38,400.00
181	Sin Jin Chung	<i>Development of visible-light-responsive spinel ferrites-based nanocomposites with enhanced interfacial charge separation for environmental and energy applications</i>	UTARRF	33,900.00
182	Sumathi A/P Renganathan	<i>Transforming English language literacy outcomes for Orang Asli students through participatory research involving University-School collaboration</i>	UTARRF	32,492.00
183	Swagata Sinha Roy	<i>The Nepalese diaspora in Malaysia: The cultural sustenance of community festivities.</i>	UTARRF	8,900.00
184	Swaminathan a/ S Manickam	<i>Innovate Histopathological Glioblastoma Diagnosis using Deep Machine Learning Image Analysis</i>	UTARRF	36,400.00
185	Sangeetha a/p Arullappan	<i>Antiproliferative Effect of the Crude Ingredients of Bubble Belly Massage Oil</i>	UTARRF	41,500.00
186	Sarvarubini a/p Nainee	<i>Physical environmental and social factor on subjective-wellbeing of Malaysian elderly: The living arrangement as moderator</i>	UTARRF	5,300.00
187	Seah Choon Sen	<i>Online Purchase Intention and E-Commerce Adoption Readiness of Fresh</i>	UTARRF	38,600.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Agricultural Products in Malaysia</i>		
188	Shee Yu Gang	<i>Microwave Photonics Filter for Futuristic 5G Applications</i>	UTARRF	51,600.00
189	Sim Hong Seng	<i>Stochastic Gradient Descent Algorithm with Multiple Adaptive Learning Rate for Deep Learning</i>	UTARRF	24,000.00
190	Sinouvassane Djearamane	<i>Effects of Chemically and Biologically Synthesised Zinc Oxide Nanoparticles on Human Skin Dermal Cells and Cancer Cells</i>	UTARRF	32,000.00
191	Sit Nam Weng	<i>Time course evaluation of the fermentation process of environmental jiaosu</i>	UTARRF	24,000.00
192	Sonia a/p Johanthan	<i>Factors Affecting Directors' Remuneration Disclosure Level: Evidence from Malaysian Companies</i>	UTARRF	700.00
193	Sonia Khodabakhsh	<i>A cross-cultural study of the correlation between gratitude, resilience, and well-being among adults</i>	UTARRF	38,900.00
194	Soong Hoong Cheng	<i>Comparative Studies to Determine the Different Quality Features (or Aspects) for Sentiment Assignment and Sentiment Scoring in Sentiment Analysis utilizing Deep Learning Method</i>	UTARRF	4,300.00
195	Tey Lai Hock	<i>Investigate the combined methods of filtration, copper oxide nanoparticles and microalgae on palm oil mill effluent (POME) treatment</i>	UTARRF	42,500.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
196	Tey Jing Yuen	<i>Development of 3D metal printing methodology using Fused Deposition Modeling</i>	UTARRF	79,000.00
197	Ting Chen Hunt	<i>Characterisation of the sintering behaviour and ageing mechanism of Yttria-Stabilised Zircon Sintered at low temperature for bioceramic</i>	UTARRF	39,000.00
198	Tan Ai Boay	<i>The Controlling of Chinese Religions in Straits Settlements before World War Two</i>	UTARRF	30,800.00
199	Tan Suk Shiang	<i>The importance of Inculcating youth with Global Citizenship in Malaysia</i>	UTARRF	2,475.00
200	Te Kian Keong	<i>Clinical study on electro-acupuncture combined with top ten high-selected acupoints for treatment of non-acute knee osteoarthritis (KOA) estimated by IL-1β and TNF-α levels in serum</i> 电针配合十大高选穴位治疗非急性期膝关节骨性关节炎与血清 IL-1 β 和 TNF- α 水平的临床研究	UTARRF	51,000.00
201	Teoh Hoon Koon	<i>In vitro effect of umbilical cord-derived mesenchymal stem cells on the cellular aging of dermal fibroblasts</i>	UTARRF	56,400.00
202	Teoh Yi Peng	<i>Optimization of on-site xylanase production from <i>Aspergillus niger</i> via Central Composite Design (CCD)</i>	UTARRF	47,900.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
203	Toh Teong Chuan	<i>The study of land deity in Malay Peninsula</i>	UTARRF	30,700.00
204	Tan Joi San	<i>3D Face Reconstruction using Simplified Generic Elastic Model and Machine Learning Approach</i>	UTARRF	26,600.00
205	Tan Wei Lun	<i>Statistical downscaling model for determination of winter monsoon onset over peninsular Malaysia.</i>	UTARRF	29,400.00
206	Tee Shiau Foon	<i>Oxidative stress in schizophrenia: A case control study on inflammation and leucocyte telomere length</i>	UTARRF	48,900.00
207	Teoh Chaiw Yee	<i>Potential use of live mealworm feeding for giant freshwater prawn, <i>Macrobrachium rosenbergii</i>: Health, growth performance, feed utilization and nutritional content</i>	UTARRF	53,900.00
208	Tham Mau Luen	<i>Resource Allocation for Distributed Wireless Video Surveillance System</i>	UTARRF	44,408.00
209	Thaw Zin	<i>The Role of Efflux Pumps in Tigecycline Resistance in <i>Mycobacteroides abscessus</i></i>	UTARRF	37,000.00
210	Tan Chee Seng	<i>Psychometric Evaluation of the Malay version Objectification of Women Questionnaire among Malaysian Adults</i>	UTARRF	48,480.00
211	Tee Yee Kai	<i>Design of a New Deep Learning Denoising Algorithm for Chemical Exchange Saturation Transfer Magnetic</i>	UTARRF	36,400.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Resonance Imaging (CEST MRI) for Brain Cancer Diagnosis</i>		
212	<i>Teh Lai Kuan</i>	<i>Association of iron regulating genes with iron deficiency anemia (IDA) and iron refractory IDA</i>	<i>UTARRF</i>	<i>65,400.00</i>
213	<i>Thanaseelen a/ K.P. Rajasakran</i>	<i>The appeal of voluntary disclosures for sustainability in advertisements: A exploratory study on unit trusts in Malaysia</i>	<i>UTARRF</i>	<i>34,400.00</i>
214	<i>Tan Chin Xuan</i>	<i>Effects of sonication duration on the physicochemical properties, microbial content and the stability of noni juices stored at different temperatures</i>	<i>UTARRF</i>	<i>32,000.00</i>
215	<i>Teoh Hui Chieh</i>	<i>Novel Magnetic Biochar Hydrogel Bead: Synthesis and Application for Heavy Metals and Ammonium Removal</i>	<i>UTARRF</i>	<i>31,500.00</i>
216	<i>Toh Pey Yi</i>	<i>Phycoremediation of pretreated POME by microalgae for biofuel production</i>	<i>UTARRF</i>	<i>32,000.00</i>
217	<i>Vasaki Ponusamy</i>	<i>IoT Intrusion Detection Framework using Deep Learning and Fog Network</i>	<i>UTARRF</i>	<i>36,000.00</i>
218	<i>Vasaki a/p Ponnusamy</i>	<i>Multicast Group Key Management in the Internet of Things using Post-quantum cryptography and Zero Knowledge Authentication</i>	<i>UTARRF</i>	<i>33,600.00</i>
219	<i>Vikniswari a/p Vija Kumaran</i>	<i>Post Pandemic: Homestay Entrepreneurship</i>	<i>UTARRF</i>	<i>25,800.00</i>

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Sustainability and Opportunities of Survival in Malaysia</i>		
220	Wong Lih Lih	<i>The Modern Thought and Social Conscience in Malaysian Malay Literature: A Case Study on Fatimah Busu</i>	UTARRF	32,300.00
221	Woo Kwan Kit	<i>Fabrication of collagen-alginate bioink for 3D printing in tissue engineering application.</i>	UTARRF	44,000.00
222	Wong Hann Ling	<i>Construction of a CRISPR/Cas9-based biosensing system for in vitro detection of DNA from plant pathogens</i>	UTARRF	60,000.00
223	Wong Jun Leong	<i>Sequence-Based Typing of Legionella Pneumophila Isolates from Environmental Water Samples In Klang Valley, Malaysia</i>	UTARRF	50,500.00
224	Wong Lai Soon	<i>Development of an Innovativeness based Universal under Self-Concept Paradigm: Validity, Psychometrics and Applications</i>	UTARRF	37,500.00
225	Wong Wey Lim	<i>Biological control of Lepidopteran pests in oil palm plantations: Host searching behaviors of insect parasitoids</i>	UTARRF	45,000.00
226	Woon Yoke Bee	<i>Strategic Asset Management Among Road Agencies in Malaysia</i>	UTARRF	1,800.00
227	Wan Norfadillah binti Wan Nawī	<i>Sexual Education Implementation in Preschool: An Exploratory Study of Preschool Teachers' Perceived Self-Efficacy</i>	UTARRF	2,150.00
228	Wong Fai Chu	<i>Increased Hydroponic</i>	UTARRF	36,400.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Crop Yields Using Enzyme-digested Protein Hydrolysates</i>		
229	Wong Lai Peng	<i>Enhanced oil recovery from palm oil mill effluent using ultrasonication technique</i>	UTARRF	45,900.00
230	Woon Kai Siong	<i>Strengths Performance of Deep Beam with Embedded Side Plates as New Shear Reinforcement</i>	UTARRF	34,400.00
231	Wong Kam Huei	<i>Investigation of the synergistic effect of microwave irradiation and organosolv pretreatment towards the efficient fractionation of bioproducts from oil palm empty fruit bunch</i>	UTARRF	39,000.00
232	Wong Phui Fung	<i>Developing a sustainability framework for affordable housings development in Malaysia</i>	UTARRF	25,000.00
233	Wong Whee Yen	<i>Empowering new village products through digital-based business initiatives: Developing the digital commerce value-chain model for new village products in Malaysia.</i>	UTARRF	37,600.00
234	Yap Vooi Voon	<i>Object Detection using Deep Learning</i>	UTARRF	45,000.00
235	Yeo Wei Hong	<i>Exact solution for thermo-elastic behavior of multi-layered pressure vessel with closed ends condition</i>	UTARRF	30,000.00
236	Yeap Kim Ho	<i>Design of an Implantable Antenna for Biotelemetry</i>	UTARRF	26,400.00
237	Yip Yen San	<i>Influence of managerial coaching towards service-oriented citizenship behaviors:</i>	UTARRF	6,800.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>The mediating role of employees' commitment to service quality in Malaysia Hotel Industry</i>		
238	Yogambigai a/p Rajamoorthy	<i>Knowledge and awareness of hand, foot and mouth disease among parents in Malaysia: A community-based cross sectional survey.</i>	UTARRF	28,780.00
239	Yeong Wai Mun	<i>What Matters Most to the Aging Community: A Proposed Framework for Sustainable Retirement Village</i>	UTARRF	5,000.00
240	Yip Chun Chieh	<i>Structural Seismic Performance of Viscous Damper</i>	UTARRF	37,443.00
241	Yamuna a/p Munusamy	<i>Development of Thermal Conductive and Form Stable Phase Change Material for Industrial Waste Heat Recovery Applications</i>	UTARRF	36,900.00
242	Yap Moh Lan	<i>Chimeric Envelope protein enhances identification specificity of dengue serotype</i>	UTARRF	52,400.00
243	Yeap Kim Ho	<i>Magnetic Resonance Lumbar Spine Image Classification using Convolutional Neural Networks (CNN)</i>	UTARRF	26,400.00
244	Yeo Heng Giap Ivan	<i>Inventory Models Incorporating Sustainability</i>	UTARRF	26,400.00
245	Yip Chee Yin	<i>Biodiversity Loss and Emergence of Contagious disease: Exploring Disease Emergence in an Animal-Virus System</i>	UTARRF	31,900.00
246	Yap Sook Fan	<i>The influence and impact of the movement</i>	UTARRF	7,000.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>restriction order (MCO) due to COVID-19 on UTAR Sg Long Staff and Students</i>		
247	Yew Ming Kun	<i>Development of green polyurethane lightweight foamed ferrocement concrete incorporating of macro fibre for ecological floating cage fish</i>	UTARRF	45,000.00
248	Yew Tiong Keat	<i>Artificial intelligent integrated into sun-tracking system of heliostats to enhance the accuracy, reliability and long-term performance in solar energy harnessing</i>	UTARRF	34,000.00
249	Zuriawati Binti Zakaria	<i>Corporate Governance and FinTech Financing among Malaysia Small Medium Enterprise (SMEs)</i>	UTARRF	29,400.00
250	Zainab Chaudhry	<i>Perceived parenting styles as a predictor of grit, coping skills and mental health among young working adults: A cross cultural study</i>	UTARRF	30,974.00
251	Zam Zuriyati Binti Mohamad	<i>Value Stream Mapping to Overcome Obstacles in Adopting Internet of Things in Government Hospital</i>	UTARRF	2,500.00
252	Fong Lai Yen	<i>Evaluation of effects of Alternanthera sessilis ethanol extract on TNF-α-induced oxidative stress and endothelial dysfunction on human aortic endothelial cells</i>	UTARRF	57,400.00
253	Lam Weng Siew	<i>A Study on the Customer Preference in Selection of Online Food Delivery Providers with AHP-</i>	UTAR RSS 1+1	15,322.58

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>TOPSIS Approach</i>		
254	<i>Tham Mau Luen</i>	<i>On the Duality Gap in Energy Efficiency Maximization for Green Cellular Networks</i>	<i>UTAR RSS 1+1</i>	<i>39,600.00</i>
255	<i>Gan Chin Heng</i>	<i>Enhancement of Anaerobic Digestion by Electrochemical Pretreatment of Waste Activated Sludge using Ti/RuO₂ Electrodes.</i>	<i>UTAR RSS 1+1</i>	<i>26,400.00</i>
256	<i>Humaira Nisar</i>	<i>Decoding EEG signals using Deep Learning</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
257	<i>Leong Siew Yoong</i>	<i>Modulated fish meal with biomass of Black Soldier fly (<i>Hermetia illucens</i>) prepupae as alternative aquaculture feed for Marble goby (<i>Oxyeleotris marmorata</i>)</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
258	<i>Sim Jia Huey</i>	<i>Catalytic Activity Enhancement of Nano CaO Catalyst via Thermal Hydration-Dehydration Treatment for Biodiesel Production</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
259	<i>Pang Yean Ling</i>	<i>Enhanced sonoelectrocatalytic degradation of organic pollutant in wastewater</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
260	<i>Teoh Chaiw Yee</i>	<i>Identification, Characterization and Comparison of Extracted Fish Oil (Crude and Refined Oils) Fatty Acid Contents from Latescalcarifer (Asian Seabass) Wastes via Chemical Extraction</i>	<i>UTAR RSS 1+1</i>	<i>11,290.32</i>
261	<i>Koo Chai Hoon</i>	<i>Potential evapotranspiration estimation in a changing climate in Malaysia using machine learning along with data fusion</i>	<i>UTAR RSS 1+1</i>	<i>39,600.00</i>

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>techniques</i>		
262	Lee Sze Ying	<i>Extraction and Fractionation of High-value Compounds from Microalgae Biomass using Ionic Liquid-based Aqueous Two-phase Systems</i>	UTAR RSS 1+1	26,400.00
263	Kwan Ban Hoe	<i>Wireless Unmanned Surface Vessel with Energy Harvesting System for Environmental Monitoring</i>	UTAR RSS 1+1	30,000.00
264	Tan Ai Boay	<i>The Controlling of Chinese Religions in Straits Settlements before World War Two</i>	UTAR RSS 1+1	26,400.00
265	Ooi Jong Boon	<i>Blending Effects of Diethyl Ether and Ethanol on the Combustion and Emission Behaviours of Malaysian Palm Biodiesel Droplet.</i>	UTAR RSS 1+1	26,400.00
266	Lam Sze Mun	<i>Constructing photocatalytic fuel cell using BiFeO₃-based nanocomposites for simultaneous greywater degradation and electricity production</i>	UTAR RSS 1+1	36,000.00
267	Minoru Murata	<i>Characterization of centromere-specific proteins in oil palms—Towards systematic haploid plant production</i>	UTAR RSS 1+1	39,600.00
268	Tee Yee Kai	<i>Pilot study of Chemical Exchange Saturation Transfer Magnetic Resonance Imaging (CEST MRI) in Brain Cancer Patients</i>	UTAR RSS 1+1	30,000.00
269	Huang Yuk Feng	<i>Big Data Artificial Intelligence Models for</i>	UTAR RSS 1+1	39,600.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Drought Forecasting in a Changing Climate in Malaysia</i>		
270	<i>Kwan Wai Hoe</i>	<i>Development of Quarry Dust By Product as Potential Filler for Thermoplastic Polymers</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
271	<i>Sim Hong Seng</i>	<i>Spectral Proximal Methods for Solving Large Scale Sparse Optimization.</i>	<i>UTAR RSS 1+1</i>	<i>26,400.00</i>
272	<i>Chang Ying Ping</i>	<i>Guava Waste Valorization Through Biochemical Treatments</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
273	<i>Lim Poh Im</i>	<i>Sustainability framework for urban high-rise affordable housing: perspectives from the bottom-up</i>	<i>UTAR RSS 1+1</i>	<i>28,750.00</i>
274	<i>Choong Yuen Onn</i>	<i>Fourth Industrial Revolution Technology Disruption of the Workplace and its Societal Challenges on Business: New Opportunities in Accelerating of a Productive Aging Workforce Reskilling and Innovation</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
275	<i>Rubina Bahar</i>	<i>Development and Performance Evaluation of Concentrated Solar Power(CSP) and Phase Change Material(PCM) Assisted Portable Solar Desalination System for Freshwater Production in Coastal Area</i>	<i>UTAR RSS 1+1</i>	<i>15,000.00</i>
276	<i>Woo Kwan Kit</i>	<i>Fabrication of collagen-alginate bioink for 3D printing in tissue engineering application.</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
277	<i>Chong Woon Chan</i>	<i>Enhanced Photocatalytic Membrane Using Carbon</i>	<i>UTAR RSS 1+1</i>	<i>26,400.00</i>

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Dots / Titanium Oxide for Degradation of Pharmaceuticals</i>		
278	Abdelhak Senadjki	<i>Health Promotion Behaviour (HPB) of Elderly among Ethnic Groups In Malaysia: A Structural Equation Modeling (SEM)</i>	UTAR RSS 1+1	30,000.00
279	Yew Ming Chian	<i>Development of lightweight fire resistance board for 1-2 fire rated timber doors in Malaysia</i>	UTAR RSS 1+1	30,000.00
280	Lo Po Kim	<i>Batch production of glycerol carbonate using shell catalyst and crude glycerol</i>	UTAR RSS 1+1	26,400.00
281	Jeffrey Chin Kong Leong	<i>Development of hydroxyapatite-forsterite nanocomposite with improved mechanical properties via wet chemical method.</i>	UTAR RSS 1+1	26,400.00
282	Chong Siaw Yah	<i>Factors Affecting Dynamic Behaviours of Tropical Residual Soils</i>	UTAR RSS 1+1	39,600.00
283	Loo Keat Wei	<i>Meta-analysis and molecular characterization for ABO blood group among ischemic stroke patients</i>	UTAR RSS 1+1	30,000.00
284	Lee Foo Wei	<i>Non-Destructive Evaluating of Concrete Structure by Means of Rayleigh Wave Methodologies</i>	UTAR RSS 1+1	30,000.00
285	Teh Lai Kuan	<i>Personality traits, eating behavior, physical activity and genetic correlates of obesity among UTAR staff and students</i>	UTAR RSS 1+1	28,750.00
286	Chan Siow Cheng	<i>Correlation between instrumented based gait</i>	UTAR RSS 1+1	30,000.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>analysis and modeling in selection of footwear for amateur runners in injuries prevention and footwear customization</i>		
287	Sumathi a/p Sethupathi	<i>Production of methane from carbon dioxide using hydrogen generated from aluminum-water reaction</i>	UTAR RSS 1+1	30,000.00
288	Ngeow Yun Fong	<i>Elucidating the mechanism of tigecycline resistance in Mycobacterium abscessus</i>	UTAR RSS 1+1	39,600.00
289	Chee Pei Song	<i>Development of low frequency vibration energy harvester using stretchable electronic</i>	UTAR RSS 1+1	30,000.00
290	Yap Vooi Voon	<i>Object Detection using Deep Learning</i>	UTAR RSS 1+1	30,000.00
291	Ling Liong Ngo	<i>Writing of Classical Chinese Poetry in Perak: Mountain City Collection of the Shancheng Poetry Society</i>	UTAR RSS 1+1	30,000.00
292	Chong Yee Lee	<i>Using aging workforces' cognitive, affective, and psychomotor abilities to enhance their and other employees' work performance – A case in higher education institutions</i>	UTAR RSS 1+1	39,600.00
293	Khaw Mei Kum	<i>IC DESIGN OF POWER MANAGEMENT UNIT AND ENERGY HARVESTING SCHEMES FOR RFID SENSOR TRANSPONDER</i>	UTAR RSS 1+1	30,000.00
294	Wong Lai Soon	<i>Development of an Innovativeness based Universal under Self-Concept Paradigm:</i>	UTAR RSS 1+1	32,225.80

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Validity, Psychometrics and Applications</i>		
295	<i>Teh Lai Kuan</i>	<i>Association of umami taste receptor gene variants with protein eating behavior, obesity and serum uric acid</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
296	<i>Alan Ong Han Kiat</i>	<i>CircularRNA Profiling to Elucidate EGFR Oncogenic Signalling and Pathway Signatures in NSCLC</i>	<i>UTAR RSS 1+1</i>	<i>39,600.00</i>
297	<i>Sin Jin Chung</i>	<i>Green synthesis of doped semiconductor nanomaterials as solar photocatalysts for organic pollutants degradation in wastewater</i>	<i>UTAR RSS 1+1</i>	<i>17,500.00</i>
298	<i>Poon Hiew Mun</i>	<i>Evaluation of performance of diesel engine subjected to a range of naval fuel chemistries</i>	<i>UTAR RSS 1+1</i>	<i>26,400.00</i>
299	<i>Ling Wei Chih</i>	<i>Modulation of endothelial nitric oxide synthase (eNOS) by green tea extract for the treatment of vascular dysfunction in angiotensin II-infused hypertensive model</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
300	<i>Leong Kah Hon</i>	<i>Alteration of Bismuth Phosphate based Nanomaterial as Sunlight Sensitive Photocatalysts</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
301	<i>Te Kian Keong</i>	<i>Effectiveness of acupuncture with deep puncture at the acu-point Jingming (睛明, BL1) for treatment of glaucoma</i>	<i>UTAR RSS 1+1</i>	<i>16,637.93</i>
302	<i>Lim Boon Han</i>	<i>Tailor-made Tropical Solar Irradiance Analytical Model for the Performance</i>	<i>UTAR RSS 1+1</i>	<i>39,600.00</i>

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Optimization, Estimation and Assessment of a Photovoltaic Power Plant</i>		
303	Tan Ming Hui	<i>Design and optimization of solar power plant consisting of tracking flat photovoltaic or concentrator photovoltaic system based on computational analysis</i>	UTAR RSS 1+1	30,000.00
304	Lim Yang Mooi	<i>Evaluation of Maslinic acid Treatment Efficacy in NOD Scid Gamma (NSG) mice with Colorectal Cancer Xenografts and Transcriptomics Profiling</i>	UTAR RSS 1+1	26,400.00
305	Lim Eng Hock	<i>Microfluidic HF and UHF Tag-Sensors for Air Pressure Monitoring in Tyres</i>	UTAR RSS 1+1	39,600.00
306	Yeap Kim Ho	<i>Design of an implantable antenna for biotelemetry</i>	UTAR RSS 1+1	11,000.00
307	Lim Ming Han	<i>Construction Noise Prediction using Stochastic Deep Learning</i>	UTAR RSS 1+1	26,400.00
308	Mok Siew Ying	<i>Schizophrenia and drug addiction: understanding the effect of DRD2 inhibition on the electrophysiological activity of zebrafish</i>	UTAR RSS 1+1	30,000.00
309	Tey Lai Hock	<i>Investigate the combined methods of filtration, copper oxide nanoparticles and microalgae on palm oil mill effluent (POME) treatment</i>	UTAR RSS 1+1	30,000.00
310	Pua Chang Hong	<i>Design and Characterization of Intelligent Leak Detection System in Water Distribution</i>	UTAR RSS 1+1	18,000.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Network</i>		
311	<i>Tan Kok Weng</i>	<i>Reliability Assessment of Regional Climate Model (RCM) based on Special Report on Emission Scenarios (SRES) For Peninsular Malaysia</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
312	<i>Ng Foong Leng</i>	<i>A Study On Traditional Chinese Medicine Body Constitution In Breast Cancer Patients</i>	<i>UTAR RSS 1+1</i>	<i>26,400.00</i>
313	<i>Wong Fai Chu</i>	<i>Enhancing Identified Bioactive Peptides' Stability and Cellular Protection Potentials via Enzymatic Modifications</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
314	<i>Ooi Boon Yaik</i>	<i>Automated Guided Vehicle with Robust Localization Solution and Real Time Visualization in Cloud</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
315	<i>Ng Soo Ai</i>	<i>Transparent Memory Devices with Embedded Gold Nanoparticles</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
316	<i>Chua Sing Yee</i>	<i>Computational and Programmable Imaging Sensor through Single Pixel Approach</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
317	<i>Ezra Morris Abraham Gnanamuthu</i>	<i>Severity Estimation and Localization of Leaks for Improved Asset Management Using Data Analytic Methods</i>	<i>UTAR RSS 1+1</i>	<i>21,600.00</i>
318	<i>Lee Ying Loong</i>	<i>Resource Management for Energy-Efficient Network Slicing in Multi-Tenant 5G Networks</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
319	<i>Sinouvassane Djearamane</i>	<i>Impact of titanium dioxide and silver nanoparticles on the nutritional properties of spirulina platensis</i>	<i>UTAR RSS 1+1</i>	<i>26,400.00</i>
320	<i>Lee Yee Ling</i>	<i>An investigation on the engineering properties of waterproof foamed</i>	<i>UTAR RSS 1+1</i>	<i>39,600.00</i>

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>concrete</i>		
321	<i>Mathialagan a/ Muniyadi</i>	<i>Study on Development and Reinforcement Mechanism of Mimusops Elengi Seed Shell powder as new Bio-Filler for thermoplastic Compsite Materials</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
322	<i>Priscilla a/p Moses</i>	<i>Factors influencing Malaysian school student's career choices in STEM</i>	<i>UTAR RSS 1+1</i>	<i>39,600.00</i>
323	<i>Lee Siew Keah</i>	<i>Interaction of Camellia sinensis with P-glycoprotein transport system and its impact on nadolol pharmacokinetics in hypertensive animal model</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
324	<i>Wong Whee Yen</i>	<i>A framework to Software Quality Assurance of Change Control Management for ISO initiative: In the context of Malaysian SMEs IT Industry</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
325	<i>Phoon Lee Quen</i>	<i>DNA Content Analysis and Expression of Pathogenesis-Related Genes in Dragon Fruit (Hylocereus spp.) During Pathogen Infection</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
326	<i>Ng Choon Aun</i>	<i>Fundamental Study Of Binding Characteristic Of Glycerine Pitch In The Production Of Green Building Materials</i>	<i>UTAR RSS 1+1</i>	<i>39,600.00</i>
327	<i>Chee Swee Yong</i>	<i>The role of nano-structures for the power coversion efficiency of silicone solar cell</i>	<i>UTAR RSS 1+1</i>	<i>26,400.00</i>
328	<i>Lee How Chinh</i>	<i>Optimal Statistical Design of the Side Sensitive Modified Group</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>Runs (SSMGR) Chart when Process Parameters are Estimated</i>		
329	<i>Ting Chen Hunt</i>	<i>The influence of additive/sintering parameters on the densification of zirconia ceramics</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
330	<i>Ng Law Yong</i>	<i>Cellulosic membrane fabrication using agricultural waste from palm oil industry: empty fruit bunches</i>	<i>UTAR RSS 1+1</i>	<i>39,600.00</i>
331	<i>Lee Zhi Hua</i>	<i>Thermal Behaviors And Catalytic Properties Study Of First Row Transition Metal Oxides Towards Carbonation Of Alkaline Earth Metal Oxides</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
332	<i>Lee Chen Kang</i>	<i>Developing dot-probe task for neurophysiology studying on the effect of attention bias modification to detect depressive symptom among young adults</i>	<i>UTAR RSS 1+1</i>	<i>30,000.00</i>
333	<i>Wong Wey Lim</i>	<i>Biological control of Lepidopteran pests in oil palm plantations: Host searching behaviors of insect parasitoids</i>	<i>UTAR RSS 1+1</i>	<i>36,000.00</i>
334	<i>Loo Keat Wei</i>	<i>Developing The Bioinformatics Pipeline for Computational Epigenomic, Transcriptomic and Proteomic analyses of ischemic stroke</i>	<i>UTAR RSS 1+1</i>	<i>36,000.00</i>
335	<i>Lam Sau Kuen</i>	<i>Investigating the mechanisms of vasodilatory effect of <i>Gynura procumbens</i></i>	<i>UTAR RSS 1+1</i>	<i>39,600.00</i>
336	<i>Te Kian Keong</i>	<i>Clinical study on electro-</i>	<i>UTAR RSS</i>	

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<p><i>acupuncture combined with top ten high-selected acupoints for treatment of non-acute knee osteoarthritis (KOA) estimated by IL-1β and TNF-α levels in serum</i></p> <p>电针配合十大高选穴位治疗非急性期膝关节骨性关节炎与血清 IL-1β 和 TNF-α 水平的临床研究</p>	1+1	36,000.00
337	Gengeswari a/p Krishnapillai	<i>Enhancing brand equity through sustainability marketing: A study on homestays in Malaysia</i>	UTAR RSS 1+1	36,000.00
338	Alan Ong Han Kiat	<i>Generation of mesenchymal stem cell(MSC) - like cells from induced pluripotent stem cells(iPSCs) and evaluation of its cancer properties, differentiation potential and exosomal effects on cancer cells.</i>	UTAR RPS	1,627.50
339	Bernard Saw Lip Huat	<i>Development of Li-ion battery pack thermal management system</i>	UTAR RPS	5,778.75
340	Chew Choy Hoong	<i>Molecular and cellular investigations of human diseases</i>	UTAR RPS	478.00
341	Chai Tsun Thai	<i>Characterisation of bioactive compounds in local flora and fauna</i>	UTAR RPS	11,077.00
342	Chong Kok Keong	<i>Dense-array concentrator photovoltaic system</i>	UTAR RPS	980.50
343	Chee Swee Yong	<i>Characterization and utilization of polyacrylates copolymer synthesized via emulsion polymerization</i>	UTAR RPS	1,440.00
344	Chee Pei Song	<i>Wireless control of ionic</i>	UTAR RPS	

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>polymer metal composite (IPMC)</i>		6,619.00
345	<i>Chong Woon Chan</i>	<i>Advanced Materials for Water Treatment</i>	<i>UTAR RPS</i>	7,679.00
346	<i>Choong Yuen Onn</i>	<i>A moderated mediation model of the relationship between organizational justice and organizational citizen behaviour</i>	<i>UTAR RPS</i>	1,555.50
347	<i>Denis Wong Chee Keong</i>	<i>Mathematical Analysis on Cryptographic Primitives</i>	<i>UTAR RPS</i>	10,954.50
348	<i>Foo Chai Nien</i>	<i>Public Health Innovation</i>	<i>UTAR RPS</i>	2,136.75
349	<i>Goh Wei Lim</i>	<i>Genetic resources of house-farmed white-nest swiftlets (Aves: Apodidae) in Malaysia</i>	<i>UTAR RPS</i>	161.75
350	<i>Go You How</i>	<i>Crude Palm Oil</i>	<i>UTAR RPS</i>	479.00
351	<i>Humaira Nisar</i>	<i>Signal and Image Processing (Biomedical/EEG/Waste water/Audio/Video)</i>	<i>UTAR RPS</i>	4,664.00
352	<i>Huang Yuk Feng</i>	<i>Climate Change Study in Malaysia</i>	<i>UTAR RPS</i>	14,950.50
353	<i>Jeffrey Yap Boon Hui</i>	<i>Design management and project learning in construction</i>	<i>UTAR RPS</i>	18,315.00
354	<i>Koo Chai Hoon</i>	<i>Treatment of dye wastewater using polymeric nanofiltration membranes</i>	<i>UTAR RPS</i>	3,465.00
355	<i>Khor Kok Chin</i>	<i>Data Mining for Mitigating problems inherited in unbalanced datasets</i>	<i>UTAR RPS</i>	4,098.00
356	<i>Lee Tin Sin</i>	<i>Study of montmorillonite nanoparticles and electron beam irradiation interaction of ethylene vinyl acetate (EVA)/de-vulcanized waste rubber thermoplastic</i>	<i>UTAR RPS</i>	12,908.25

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>composites</i>		
357	<i>Lim Yun Seng</i>	<i>Energy storage system for peak reduction</i>	<i>UTAR RPS</i>	<i>13,655.75</i>
358	<i>Lee Voon Hsien</i>	<i>The three forms of innovation resistance behaviour: An active innovation resistance perspective</i>	<i>UTAR RPS</i>	<i>5,452.00</i>
359	<i>Lim Siong Kang</i>	<i>Engineering Properties of Lightweight Concrete with Industrial Wastes/ by-product.</i>	<i>UTAR RPS</i>	<i>4,046.00</i>
360	<i>Loo Keat Wei</i>	<i>Study on ischemic stroke</i>	<i>UTAR RPS</i>	<i>1,604.00</i>
361	<i>Lim Yang Mooi</i>	<i>Drug Discovery</i>	<i>UTAR RPS</i>	<i>2,695.50</i>
362	<i>Lam Sze Mun</i>	<i>Photocatalytic materials for environmental and energy-related applications</i>	<i>UTAR RPS</i>	<i>17,125.00</i>
363	<i>Lim Boon Han</i>	<i>3-D Solar Irradiance Distribution Model & PV Plant Optimization</i>	<i>UTAR RPS</i>	<i>4,674.00</i>
364	<i>Lim Eng Hock</i>	<i>Design and Optimization of UHF Tag Antennas using Learning Algorithms</i>	<i>UTAR RPS</i>	<i>17,676.00</i>
365	<i>Lee Hui Shan</i>	<i>Financial Development and Economic Growth</i>	<i>UTAR RPS</i>	<i>187.50</i>
366	<i>Lee Poh Foong</i>	<i>Neurophysiological study on human attention</i>	<i>UTAR RPS</i>	<i>3,000.00</i>
367	<i>Lim Chun Hsion</i>	<i>Optimisation of resources supply chain and process technology for sustainable development</i>	<i>UTAR RPS</i>	<i>14,042.00</i>
368	<i>Lee Ying Loong</i>	<i>Performance Optimization for Next-Generation Wireless Networks</i>	<i>UTAR RPS</i>	<i>19,699.00</i>
369	<i>Ling Lloyd</i>	<i>Water Resources</i>	<i>UTAR RPS</i>	<i>7,884.00</i>
370	<i>Low Mei Peng</i>	<i>Organisational Behaviour Studies</i>	<i>UTAR RPS</i>	<i>121.00</i>

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
371	Leong Lai Ying	<i>Switching behavior among elderly mobile payment users</i>	UTAR RPS	4,292.00
372	Leong Siew Yoong	<i>Modelling of Oven Drying Process on the Lipid and Protein Content of Hermetia illucens Prepupae Serves as Potential Feed</i>	UTAR RPS	9,677.25
373	Mohammed J. K. Bashir	<i>Electro persulphate oxidation for polishing of biologically treated palm oil mill effluent (POME)</i>	UTAR RPS	11,546.00
374	Mah Shee Keat	<i>Membrane technology and nanocomposites</i>	UTAR RPS	3,630.00
375	Mohammad Aminuzzaman	<i>Laser-direct writing of conductive silver micropatterns on hybrid polymer film and Green synthesis of nanomaterials</i>	UTAR RPS	865.50
376	Mathialagan a/ Muniyadi	<i>Development of Polymer Composites from Waste Materials and Renewable Resources</i>	UTAR RPS	1,047.00
377	Mohammad Falahat Nejadmahani	<i>SME's Business Performance</i>	UTAR RPS	5,846.00
378	Mobashar Rehman	<i>Relationship between Human Factors and Information Technology</i>	UTAR RPS	8,196.00
379	Ng Choon Aun	<i>Green technology in building materials and wastewater treatment</i>	UTAR RPS	6,395.00
380	Ngeow Yun Fong	<i>Antibiotic resistance mechanisms in Mycobacterium abscessus</i>	UTAR RPS	9,145.50
381	Ng Cheong Fatt	<i>Do CO2 emission and energy consumption matter in agricultural production?</i>	UTAR RPS	4,583.70
382	Ng Law Yong	<i>Carbon quantum dots fabrication and application</i>	UTAR RPS	14,651.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
383	Ng Yee Sern	<i>Removal of contaminants from water using biosorption process</i>	UTAR RPS	3,173.00
384	Ng Oon-Ee	3D Vision Systems	UTAR RPS	2,304.75
385	Ooi Boon Yaik	<i>Performance Optimization for Next-Generation Wireless Networks</i>	UTAR RPS	9,936.00
386	Ong Yit Thai	<i>Investigation on the feasibility of tannin based coagulant in the wastewater treatment of palm oil mill effluent</i>	UTAR RPS	4,300.00
387	Pang Yean Ling	<i>Oxidation of organic pollutants in wastewater</i>	UTAR RPS	4,371.00
388	Pang Yean Ling	<i>Oxidation of organic pollutants in wastewater</i>	UTAR RPS	2,390.25
389	Phuah Eng Tong	<i>Enzymatic extraction of virgin coconut oil in the packed bed reactor</i>	UTAR RPS	1,028.00
390	Rehan Akbar	<i>Cybersecurity and data analytics</i>	UTAR RPS	4,098.00
391	Sumathi a/p Sethupathi	<i>CO₂ Methanation using H₂ Produced from Aluminium-water Reaction</i>	UTAR RPS	2,292.00
392	Sit Nam Weng	<i>Isolation of bioactive compounds from marine organisms and medicinal plants</i>	UTAR RPS	7,098.50
393	Sin Jin Chung	<i>Photocatalysis in Pollutant Control and Disinfection</i>	UTAR RPS	12,423.50
394	Steven Lim	<i>Investigation of High-performing Carbon Solid Acid Catalyst derived from Low-value Biomass Waste for Biodiesel Production</i>	UTAR RPS	12,273.00
395	Sim Lan Ching	<i>Synthesis of Carbon Quantum Dots from Agricultural Biomass</i>	UTAR RPS	4,300.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
396	Shuit Siew Hoong	<i>Integrated membrane reactor for biodiesel production</i>	UTAR RPS	7,181.00
397	Sinouvassane Djearamane	<i>The toxicity effects of zinc oxide nanoparticles on skin dermal cells & The impact of silver and titanium dioxide nanoparticles on the nutritional properties of Spirulina and Haematococcus</i>	UTAR RPS	2,734.25
398	Seah Choon Sen	<i>Improved Directed Randaom Walk Framework for Cancer Classification using Gene Expression Data</i>	UTAR RPS	4,594.00
399	Tee Yee Kai	<i>Chemical Exchnage Saturation Transfer (CEST)</i>	UTAR RPS	3,890.75
400	Toh Pey Yi	<i>Phycoremediation technology</i>	UTAR RPS	855.50
401	Tan Ming Hui	<i>Optimization study of solar farm layout concentrator photovoltaic system on azimuth-elevation sun-tracker</i>	UTAR RPS	3,456.00
402	Tan Chin Xuan	<i>Effect of extracting solvents on the bioactive compounds and antioxidant activity of defatted papaya seed powder</i>	UTAR RPS	2,079.75
403	Teoh Lay Eng	<i>Tarnsportation Operational and planning model</i>	UTAR RPS	2,031.75
404	Wong Hann Ling	<i>Intergrated Pest Pathogen Management System for Durable Resistance</i>	UTAR RPS	4,943.50
405	Wong Wey Lim	<i>(a) Biological controls in agriculture/aquaculture (b) Ecological studies</i>	UTAR RPS	2,221.50
406	Wong Kuan Wai	<i>Information Security & Cryptography</i>	UTAR RPS	1,734.75

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
407	Wong Lai Peng	<i>Enhanced Oil Recovery from Palm Oil Mill Effluent Using Ultrasonication Technique</i>	UTAR RPS	6,551.00
408	Yeoh Keat Hoe	<i>Modelling of 2D materials</i>	UTAR RPS	3,492.00
409	Yew Ming Chian	<i>Development of lightweight fire resistant board for 1-2 fire rated timber doors</i>	UTAR RPS	3,654.00
410	Yeap Kim Ho	<i>Research on Telescope</i>	UTAR RPS	452.75
411	Chong Kok Keong	<i>Research on high performance hybrid perovskite-organic solar cell on stretchable substrate with the band gap tunable to indoor and local spectral irradiances</i>	UTAR SRF	149,300.00
412	Lim Eng Hock	<i>A stretchable, skin-attachable bio-sensor on microfluidic platform for wireless cardiac monitoring system.</i>	UTAR SRF	131,000.00
413	Ng Teck Han	<i>Clinical validation of Uninterrupted Far-Field Communication bio-electronic skin for the objective of remote and ambulatory cardiac monitoring</i>	UTAR SRF	135,300.00
414	Sia Bee Chuan	<i>Consumers' Awareness, Attitude and Acceptance towards Artificial Intelligent (AI) Integrated Green Medical Technology Products</i>	UTAR SRF	64,620.00
415	Wong Wey Lim	<i>Aquaculture project</i>	UTAR Special Project	99,470.00
416	Wong Wey Lim	<i>Aquaculture project</i>	UTAR Special Project	5,000.00
417	Pang Yean Ling	<i>Enhanced sonoelectrocatalytic</i>	UTAR RSS 1+1+1	36,000.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>degradation of organic pollutant in wastewater</i>		
418	Tee Yee Kai	<i>Pilot study of Chemical Exchange Saturation Transfer Magnetic Resonance Imaging (CEST MRI) in Brain Cancer Patients</i>	UTAR RSS 1+1+1	36,000.00
419	Huang Yuk Feng	<i>Big Data Artificial Intelligence Models for Drought Forecasting in a Changing Climate in Malaysia</i>	UTAR RSS 1+1+1	36,000.00
420	Choong Yuen Onn	<i>Fourth Industrial Revolution Technology Disruption of the Workplace and its Societal Challenges on Business: New Opportunities in Accelerating of a Productive Aging Workforce Reskilling and Innovation</i>	UTAR RSS 1+1+1	36,000.00
421	Chong Siaw Yah	<i>Factors Affecting Dynamic Behaviours of Tropical Residual Soils</i>	UTAR RSS 1+1+1	36,000.00
422	Lee Foo Wei	<i>Non-Destructive Evaluating of Concrete Structure by Means of Rayleigh Wave Methodologies</i>	UTAR RSS 1+1+1	35,225.80
423	Lim Eng Hock	<i>Electrically Small Low-profile Dielectric Resonator Antenna for Vehicular Radiofrequency Identification Applications</i>	UTAR RSS 1+1+1	36,000.00
424	Chong Yee Lee	<i>Using aging workforces' cognitive, affective, and psychomotor abilities to enhance their and other employees' work performance – A case in</i>	UTAR RSS 1+1+1	36,000.00

NO.	PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING CATEGORY	AMOUNT APPROVED (RM)
		<i>higher education institutions</i>		
425	<i>Priscilla a/p Moses</i>	<i>Factors influencing Malaysian school student's career choices in STEM</i>	<i>UTAR RSS 1+1+1</i>	<i>36,000.00</i>
426	<i>Lee Yee Ling</i>	<i>An investigation on the engineering properties of waterproof foamed concrete</i>	<i>UTAR RSS 1+1+1</i>	<i>36,000.00</i>
427	<i>Ng Law Yong</i>	<i>Cellulosic membrane fabrication using agricultural waste from palm oil industry: empty fruit bunches</i>	<i>UTAR RSS 1+1+1</i>	<i>36,000.00</i>
428	<i>Chin Yee Mun</i>	<i>Student Enrollment Project</i>	<i>UTAR Special Project</i>	<i>66,588.00</i>
429	<i>Danny Ng Wee Kiat</i>	<i>MONITORING OF VACANT PLOT IN KAMPAR USING AERIAL DRONE</i>	<i>UTAR Special Project</i>	<i>42,050.00</i>
430	<i>Chin Yee Mun</i>	<i>Malaysia Moving Forward: Recovery, Reconciliation, Resilience and the perceptions of Chinese Malaysians</i>	<i>UTAR Special Project</i>	<i>40,550.00</i>
431	<i>Nadya Supian</i>	<i>The effect of Simulation Games on Metacognitive Awareness, Vocabulary Learning, and Motivation to learn English among Malaysian Tertiary-level Students</i>	<i>UTAR Special Project</i>	<i>5,000.00</i>