

RICES 2019 RESULTS

CATEGORY A- RESEARCH CENTRES	AWARD
RC15-Centre for e-Health (Prof. Dr. Sim Kok Swee)	GOLD
RC21-Centre for E-Services, Entrepreneurship and Marketing (Dr. Al-Mansor Abu Said)	GOLD
RC7-Centre for Visual Computing (Dr. John See Su Yang)	GOLD
RC13-Centre for Advanced Mechanical and Green Technology (Prof. Dr. Tso Chih Ping)	SILVER
RC18-Centre for Engineering Computational Intelligence (Dr. Nor Azlina Ab Aziz)	SILVER
RC9-Centre for Innovative Systemic Designs in Application and Content (Dr. Tenku Putri Norishah Tenku Shariman)	SILVER
RC5-Centre for Optical Fibres (Dr. Siti Azlida Ibrahim @ Ghazali)	SILVER
RC3-Centre for Advanced Devices and Systems (Assoc. Prof. Dr. Chan Kah Yoong)	SILVER
RC11-Centre for Consumer Research and Education (Dr. Abdullah Al Mamun Sarwar (Acting))	BRONZE
RC12-Centre for Business Excellence (Dr. Hasni Mohd Hanafi @ Omar)	BRONZE

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CATEGORY B- ENGINEERING	AWARD
B107-Investigations on the Performance of Subterranean Electrode with Spikes for Earthing Systems (Nurul Nadia binti Ahmad)	GOLD
B117-Pressure Sensor Array System for Sleep Posture Recognition with Image Resolution Enhancement (Yeo Boon Chin)	GOLD
B90-Flood Escape Project (Kong Feng Yuan)	GOLD
B80-Blended Learning With E-Learning Tool And Interactive Class Approach (Chong Peng Lean (Keith))	GOLD
B88-Automated Detection of Visual and Speech Contents for Film Censorship using Deep Learning (Hezerul Bin Abdul Karim)	GOLD
B97-Development and Performance Analysis on Antennas for 5G Communication Technologies. (MD. SHABIUL ISLAM)	SILVER
B77-Development of Electro/Photochromic (EPC) Sensor (Chan Kah Yoong)	SILVER
B96-Algorithm and Scheme for Efficient Spectrum Utilization of 4G/5G D2D Communication (Mardeni Bin Roslee)	SILVER
B119-Monte Carlo Simulation of Hole Injection Efficiency at Hetero-interface in GaN/AlGaIn Thin Heterojunction Avalanche Photodiodes (Cheang Pei Ling)	SILVER
ZK42*-Mobility Management Based on Self-Optimization Approach for Next Generation Heterogeneous Networks (Abdulraqeb Alhammadi) *Category B	SILVER
B108-Ubiquitous IOT assisted living with long range communication (LORAUbALIVE) (Ooi Chee Pun)	SILVER
B82-Demonstration of an All-Optical-Based Hybrid Visible Light Communication (VLC) Backbone and Hotspot for Wireless Data Broadcasting (Chung Gwo Chin)	SILVER
B93-Aerial Photogrammetry Surveying by Using UAV (Lee Yung Chong)	SILVER
B110-Rehabilitation Using Biofeedback System (Sim Kok Swee)	SILVER

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B123-Staff Locater (Insigne) during Emergency in Enclosed Building for High-risk Accident Workplaces (Mohd. Haris Md. Khir)	SILVER
B73-IoT Based system for Energy consumption Profiling and Fault Detection of Industrial Air Conditioning Systems Using Artificial Neural Network (IoT EN_ANN) (A.S.M Mukter-Uz-Zaman)	SILVER
B105-FPGA implementation of OFDM Transceiver for Millimeter Wave Communication System (Nor Hidayati binti Abdul Aziz)	SILVER
B102-Synthesis and Characterization of Ceria Coated Magnetite Nanoparticles for Arsenic Adsorption from Water (Nisha Kumari a/p Devaraj)	BRONZE
B109-Design of Adaptive Fairness and QOS Provisioning Scheduler for LTE Networks (LTE QOS) (Pang Wai Leong)	BRONZE
B87-Landslide Prediction with Wireless Sensor Networks using Non-linear Learning Models (Goh Vik Tor)	BRONZE
B91-Holistic Horticulture Solution and Design Management System for Sustainable Smart Farming (Lee It Ee)	BRONZE
B118-Linear and Efficient Wideband RF Power Amplifier for Multi-Band Applications (Zubaida binti Yusoff)	BRONZE
B84-An Experimental of Automotive Lane Departure Warning System (Em Poh Ping)	BRONZE
B95-Development of LoRa-based Smart LED Street Lighting Controller (Lim Heng Siong)	BRONZE
B112-Development of Analytically Compact Model for Dual-Material Double Gate (DMDG) SOI MOSFET in Deep Submicron Region (Tan Chun Fui)	BRONZE
B74-The Influence of Static Pre-Stretching on the Mechanical and Electrical Breakdown of Hybrid Dielectric Elastomers (Ahmad Farimin bin Ahmad Osman)	BRONZE
B94-Experimental Investigation of Graphene-Nanofluids on Thermal Performance of Cooling Application (Lim Elaine)	BRONZE
B111-Novel Application of Hollow Electrical Earthing Electrodes in Electrical Installation Systems (Siow Chun Lim)	BRONZE

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CATEGORY B- ICT & MULTIMEDIA	AWARD
B121-Preditack: An IoT-Enabled Device to Scan, Forecast and Immobilise Golden Apple Snails for Sustainable Paddy Fields (Mazeyanti Mohd Ariffin)	GOLD
B52-Interactive Learning Framework for Improving Performance of Teaching and Learning Mathematics (Lew Sook Ling)	GOLD
B63-SMART TOILET: IoT Implementation for Resources Optimization & Digital Lifestyle (R. KANESARAJ A/L RAMASAMY)	GOLD
B49-Driver Alert System: Fatigue Attentive Tools (FATs) (Kalaiarasi A/P Sonai Muthu)	SILVER
B59-Feature-based 3D Shape Blending with Core Characteristics Model Preserved (Ng Kok Why)	SILVER
B60-Behavioural Conditioning Algorithm for TM Smart Digital Signage (TM BCA 2) (Ong Lee Yeng)	SILVER
B57-Reconstruction of Torn Documents Using Character and Text Semantics Matching (Nbhan D. Salih)	SILVER
B61-Temporal Classification in the Application of Anomaly Based Intrusion Detection Systems (Ooi Shih Yin)	SILVER
B62-Formulation of Discrete Orthogonal Moment Invariants and Its Applications in Pattern Recognitions (Pee Chih Yang)	SILVER
B50-Recognizing Hand Gesture Signature Based on Spatio-Temporal with 3D-Convnets (Khoh Wee How)	SILVER
B55-Student Engagement in Collaborative Interactive Surface: A Case Study (Lim Tek Yong)	SILVER
B68-Mobile Gait Biometrics for Personal Authentication (Tee Connie)	BRONZE
B71-Semi-supervised, Aesthetics-driven Image Recomposition Using Generative Adversarial Model (Wong Lai Kuan)	BRONZE
B54-Emotional Cartography of Cyberjaya (Lim Kok Yoong)	BRONZE
B43-A Novel Information-theoretic Approach to Informative Sensor Selection for Effective Activity Recognition in Smart Homes (Chua Sook Ling @ Landa Chua)	BRONZE



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B51-A Blended Learning Approach Using Core-and-Spoke Model in Tertiary Mathematics Education (Khor Chia Ying)	BRONZE
B122-Video On Paper (VOP) (Dayang Rohaya Awang Rambli)	BRONZE

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CATEGORY B- SOCIAL SCIENCE	AWARD
B31-EDUCATING GEN-Z: FOSTERING A TEACHING & LEARNING ECOSYSTEM IN A 21st CENTURY LEARNING (Vincent Chan)	GOLD
B42-Modeling of Retirement Satisfaction Index for Improving Wellbeing in Malaysia (Lai Ming Ming)	GOLD
B32-An Employee Retention Framework with Workplace Spirituality for job-hopping prevention amongst the Gen Y. (Vincent Oh Kim Seng)	GOLD
B16-Creating Green Campus University: Problems and Prospects (Junainah binti Mohd Mahdee)	GOLD
B38-A Framework for a Youth Knowledge Workers' Talent and Career Path Management Portal for Malaysia (Yvonne Lee)	SILVER
B18-A Framework for Enhancing Medical Recovery and Rehabilitation Services' Credibility among Elderly People in Malaysia (Lai Kim Piew)	SILVER
B17-Enhancing the adoption of Virtual Payment Services for Fintech among B40 for Societal Wellbeing (Kwan Jing Hui)	SILVER
B20-Enhanced Model for CyberSecurity Violation in IoT-Enabled Bright Society (Magiswary Dorasamy)	SILVER
B1-Modelling the antecedents of employees engagement for effective Green IT strategy in Malaysia. (Adedapo Oluwaseyi Ojo)	SILVER
B5-Testing a Model to Promote and Measure Green Packing Practices in Food Industry: A Sustainable Contributor to Achieving Smart Environmental Goals in Malaysia (Chinnasamy Agamudai Nambi Malarvizhi)	SILVER
B23-Limitation Factors of Whistleblowing Practices among Public Sector Internal Auditors in Malaysia: In-depth Interview Study (Noridayu Binti Abdullah Sani)	SILVER
B12-Crafting Entrepreneurship Strategy to Preserve the Handicraft Industry (Hasliza binti Hassan)	SILVER
B26-Modelling Social Network based Civic Engagement Solutions for Dengue prevention in Malaysia (Rathimala Kannan)	BRONZE

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B4-Psychosocial work environment, emotional exhaustion and mental health problems among nurses in public hospitals: the mediating role of emotional exhaustion. (Cheah Yeh Ying)	BRONZE
B41-Rapid Appraisal : A Robust Protocol for Identifying Digital Futures Solutions through Community Engagement (Alan G Downe)	BRONZE
B29-The Effects of Financial Literacy on Risk Taking Behaviour in Making Financial Decision Among Gen Y (Tay Lee Ying)	BRONZE
B34-Developing a Framework for Patients' Choice of Private Dental Care Service in Malaysia (Yeo Sook Fern)	BRONZE
B22-Factors Contributing to Brand Rejuvenation: Private Universities in Malaysia (Nasreen Khan)	BRONZE
B19-Financial Technology Acceptance in Malaysia – Identifying the Success Factors of Mobile Banking (Lan Nguyen)	BRONZE
B28-An Enhanced 'Sense of Place' Framework for the Sustainability of Cultural / Heritage Tourism (Tan Siow Kian)	BRONZE
B40-Learners' Attitudes Toward E-learning in Malaysian Universities (Tengku Shahrniza binti Tengku Abdul Jalal)	BRONZE
B14-A Study on Understanding Trade Union Effectiveness in the Era of Trans-Pacific Partnership Agreement : Evidence from Malaysia. (Jaya Ganesan)	BRONZE
B30-Environmental Dynamic Capabilities Framework for Higher Organizational Competitiveness and Performance (Teh Boon Heng)	BRONZE

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CATEGORY B- ZAKAT	DOMAIN	AWARD
ZK6-Mobile Augmented Reality Learning Islamic Dua Application for Kids (Dendi Permadi)	ICT & Multimedia	GOLD
ZK38-Cognitive Learning using Visual Aids AQAR (AI-Quran Visual Aids Recitation) Courseware for High-Functioning Autistic Children (Syarifah Diyanah Yusoh)	Social Science	GOLD
ZK24-Championing Islamic Social Entrepreneurship: MMU Blue Ocean (Noor Ashikin Mohd Rom)	Social Science	GOLD
ZK32-Tax Incentives, Effective Tax Rate and Capital Expenditure within 12 National Key Economic Areas Framework (Salsiah Mohd Ali)	Social Science	GOLD
ZK12-Where is the Qalb? Exploring Qalb Behavioural Traits Among Muslim Entrepreneurs (Kamarulzaman Ab Aziz)	Social Science	SILVER
ZK30-Student Exchange Program by Multimedia University (Host University): Is it Really Exchange (Nurbani Md Hassan)	Social Science	SILVER
ZK31-Development of Computational Intelligence System for Breast Cancer Diagnostic (Rosli Besar)	Engineering	SILVER
ZK40-A Website Builder for Mosque and Surau: Towards a Secure and Standardised Platform for Muslim Community (Zarina Che Embi)	ICT & Multimedia	SILVER
ZK4-A Study on the Level of Commitment to Change on Change Related Behaviour in Malaysian Universities (Azrena Binti Mohd Noor)	Social Science	SILVER
ZK11-Foodbanks for Muslims: A Market Survey (Junainah binti Mohd Mahdee)	Social Science	SILVER

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ZK28-A Study on Brain Activity During Quran Listening and Recitation (Nur Asyiqin Amir Hamzah)	Engineering	SILVER
ZK25-Emotion Recognition for Mental Health Monitoring System (Nor Azlina Binti Ab Aziz)	Engineering	BRONZE
ZK39-Syoknya Solat - Pembelajaran Solat Melalui Augmented Reality (AR) (Zakiah Manjanib)	Social Science	BRONZE
ZK27-Developing an Accountability Disclosure Index for Islamic-based Federal Public Agencies in Malaysia (Norzarina Md Yatim)	Social Science	BRONZE
ZK10-The Neediness of Work-At-Home Scheme in Organisations for Muslim Women and its Economic Implications (Hazrina Johari)	Social Science	BRONZE
ZK14-Improving the Employability of East Coast and East Malaysia Accounting Graduates in Malaysia (Mariati Norhashim)	Social Science	BRONZE
ZK7-Enhancing Islamic Journalistic Ethical Conduct Through Press Council (Hafidz Hakimi Haron)	Social Science	BRONZE
ZK16-Halal Brand Resonance of Fast Food Consumption Experiences of Malaysian Muslims: A Phenomenological Study (Mohd Amirul Hafidz Ahmat)	Social Science	BRONZE
ZK9-The Association between Structured Extracurricular Activities (SEAs), Religious Coping, and Psychosocial Well-being among Undergraduates in Malaysian Universities (Hawa Rahmat)	Social Science	BRONZE
ZK20-Critical Success Factors: A case of Social Entrepreneurship Partnership between FAMA, LPP and Madrasah Raudatul Baiduri (Muhammad Nizam Zainuddin)	Social Science	BRONZE
ZK1-Measuring Muslim Consumers' Intention and Purchase Behaviour towards Shariah Compliant Hotels in Malaysia (Abdullah Al Mamun Sarwar)	Social Science	BRONZE
ZK35-Revitalising the Role of Mosque in the Age of Disruption (Shereen Khan)	Social Science	BRONZE

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ZK23-Effect of Modernization on Muslim Youth: Personal Value and Life Style of Young Adults (Nasreen Khan)	Social Science	BRONZE
ZK19-Gamification of Malay Heritage Manuscript through Augmented Reality (AR) (Mohd Izwardi Mohd Yusoff)	Social Science	BRONZE
ZK2-A Frame For Managing Waqf Education in Higher Learning Institutions In Malaysia (Asmida Ahmad)	Social Science	BRONZE
ZK8-Analysing The Level of Readiness of Mosque Cooperativeness Sector In Facing the Digital Economy. (Haniza Hashim)	Social Science	BRONZE
ZK15-Modelling Islamic Leadership Style, Organisational Commitment and Employees' Performance in Selangor Government Link Organization (GLC) from Employees' Perspectives (Mazni Alias)	Social Science	BRONZE
ZK18-Customer Journey Maps of Muslim Young Agpreneurs (Mohd Fairuz Abd Rahim)	Social Science	BRONZE
ZK29-Technology Innovation: Evaluating the extent of awareness and knowledge among rubber industry smallholders under the Asnaf category. (Nur Baiti Shafee)	Social Science	BRONZE

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CATEGORY C- START-UP/SPIN-OFF	AWARD
C9-CLOUDYVICE (Dr. Goh Kah Ong Michael)	GOLD
C18-RENO4U (Sanjey Kumar)	GOLD & SPECIAL AWARD
C15-Nura Food Innovation Enterprise (Ms. Nurbani Binti Md. Hassan)	SILVER
C11-Empayar (Mr. Abdul Aziz Sumairi)	SILVER
C8-Chizz Haq (Siti Nadzirah binti Saiful Bahri)	SILVER
C12-Kitchen Shout (Dr. Nor'ain Mohd Yusoff)	SILVER
C14-Smart Attendance System (Assoc. Prof. Dr. Mardeni Bin Roslee)	SILVER
C10-Habibu Online Ventures (Diyana Mahad)	SILVER
C7-BoardBack (Muna Irsalina)	SILVER
C6-Low-Cost Video Game Production (Chu Hong Yang)	SILVER
C17-AfterclassCorner (Dr. Siti Zakiah Melatu Samsi)	SILVER
C13-LiRAS (Dr. Siow Chun Lim)	BRONZE
C16-Pictocat (Mohamad Syazani bin Zulkhairi)	BRONZE
C19-Zapkit (Ooi Er Qin)	BRONZE
C21-Mat PickUp (Ms Hamsatulazura binti Hamzah)	BRONZE



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CATEGORY C- EMBEDDING ENTREPRENEURIAL LEARNING (EEL)	AWARD
C3-BMR3184 Social Media and Digital Marketing (Mr. Tan Gek Siang)	GOLD
C4-Sayangi SawitKu (Ms. Sri Kusuma Wati Binti Mohd Daud & Ms. Mastura Binti Abdul Rahman)	SILVER
C2-Entrepreneur Embedded Learning (EEL) (Ms. Norhidayah Mohamad)	SILVER
C1-Development of Innovative and Entrepreneurial Computer Vision Solutions for Tourism Melaka (Dr. Tee Connie & Dr. Neo Han Foon)	SILVER
C5-Cashless Uni (Dr. Noor Ashikin Mohd Rom)	SILVER



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CATEGORY- SOCIAL INNOVATION	AWARD
D1-21st Century Teaching (Dr. Sharmini Gopinathan)	SPECIAL AWARD