

SENARAI PROJEK LULUS PERMOHONAN GUP TIER 2 2019

BIL	NO. RUJUKAN	KETUA PROJEK	TAJUK PROPOSAL	RA
1	PY/2019/00525	SURAYA BINTI YA'ACOB	Evaluation Guidelines for Predictive Visual Analytics	SMART DIGITAL COMMUNITY
2	PY/2019/00357	LAU KWAN YIEW	Effects of Thermal Ageing on Breakdown Properties of Polypropylene Nanocomposites	RESOURCE SUSTAINABILITY
3	PY/2019/00478	MUHAMMAD SAFWAN BIN ABD AZIZ	RAPID DISCRIMINATION OF HEAVY METAL IONS BY Z-SCAN TECHNIQUE INCORPORATING PRINCIPAL COMPONENT ANALYSIS	FRONTIER MATERIALS
4	PY/2019/00243	NORHUDA BINTI ABDUL MANAF	MODELLING AND SENSITIVITY ANALYSIS OF FLEXIBLE OPERATION OF GASIFICATION BASED CHP SYSTEM FOR SMALL SCALE ENERGY GENERATION	HEALTH AND WELLNESS
5	PY/2019/00540	MOHD SHAHRIZAL BIN RUSLI	TRAFFIC-AWARE MEDIUM ACCESS MECHANISM FOR WIRELESS NETWORK-ON-CHIP	INNOVATIVE ENGINEERING
6	PY/2019/00523	MAHEZA IRNA BINTI MOHAMAD SALIM	DETECTION OF EARLY DENTAL CARIES IN CHILDREN USING SALIVA SAMPLES AND LASER-INDUCED BREAKDOWN SPECTROSCOPY (LIBS)	HEALTH AND WELLNESS
7	PY/2019/00549	SAIFUL IZWAN BIN ABD RAZAK	Investigation of the growth of bone ceramic on the surface of modified ramie fibers	FRONTIER MATERIALS
8	PY/2019/00653	NOR HASANAH BINTI ABDUL SHUKOR LIM	STRUCTURAL PERFORMANCE OF REINFORCED CONCRETE BEAM INCORPORATING COAL WASTE	INNOVATIVE ENGINEERING
9	PY/2019/00638	FAUZAN BIN AHMAD	Structural defects of Single-Walled Carbon Nanotubes mode-locker by Gamma-ray Irradiation for soliton pulse generation	INNOVATIVE ENGINEERING
10	PY/2019/00268	MUHAMAD UZNIR BIN UJANG	UNIVERSITI TEKNOLOGI MALAYSIA (UTM) 3D CITY CAMPUS	SMART DIGITAL COMMUNITY
11	PY/2019/00328	NOORDINI BINTI CHE' MAN	PENENTUAN TAPAK PERTANIAN BANDAR KOMUNITI (COMMUNITY URBAN FARMING) MELALUI APLIKASI GEOSPATIAL.	RESOURCE SUSTAINABILITY
12	PY/2019/00624	KHAIRUNADWA BINTI JEMON	Carbon nanotubes mediated-hyperthermia as potential less invasive treatment modality for breast cancer	HEALTH AND WELLNESS
13	PY/2019/00608	SHAHARIN FADZLI BIN ABD RAHMAN	ENERGY RESOLUTION IMPROVEMENT OF GRAPHENE/4H-SILICON CARBIDE RADIATION AT ROOM TEMPERATURE OPERATION	FRONTIER MATERIALS
14	PY/2019/00308	ASNIDA BINTI ABDUL WAHAB	THERMAL-BASED SENSORS POSITION OPTIMIZATION FOR WEARABLE BREAST CANCER DETECTION DEVICE	HEALTH AND WELLNESS
15	PY/2019/00461	NURUL EZAILA BINTI ALIAS	PERFORMANCE ANALYSIS OF SOI-BASED JUNCTIONLESS TRANSISTOR FOR 6T AND 8T SRAM CELLS	INNOVATIVE ENGINEERING
16	PY/2019/00460	NURFATEHAH WAHYUNY BINTI CHE JUSOH	SURFACE FUNCTIONALIZED POROUS POLYVINYLIDINE FLUORIDE MEMBRANE WITH GRAPHENE OXIDE FOR VANADIUM REDOX FLOW BATTERY	RESOURCE SUSTAINABILITY
17	PY/2019/00488	MUHAMMAD ARIF BIN AB AZIZ	FIBROUS POROUS CERIUM OXIDE SYNTHESIZED BY EGG SHELL MEMBRANE TEMPLATING FOR CO ₂ CAPTURE APPLICATION	RESOURCE SUSTAINABILITY
18	PY/2019/00240	ONG CHOON HEE	EXPLORING MOBILE PAYMENT ADOPTION FROM THE MALAYSIAN URBAN GENERATION-Y'S PERSPECTIVES	SMART DIGITAL COMMUNITY
19	PY/2019/00415	MUHAMMAD ABD HADI BIN BUNYAMIN	DEVELOPING INSTRUMENTS FOR ASSESSING OUTCOMES OF INFORMAL SCIENCE LEARNING	SMART DIGITAL COMMUNITY
20	PY/2019/00241	KAMILIA BINTI KAMARDIN	ESTIMATION OF ELECTRICAL POWER CONCENTRATION INSIDE HUMAN BODY BY DISTRIBUTED ARRAY ANTENNA ILLUMINATION FOR HYPERTHERMIA APPLICATION	INNOVATIVE ENGINEERING
21	PY/2019/00652	GABRIEL LING HOH TECK	Feasibility and Acceptability of a Common Property System in Neighbourhood Public Open Space (NPOS): A Case Study of Sabah, Malaysia	RESOURCE SUSTAINABILITY
22	PY/2019/00239	NURUL HANA BINTI ADI MAIMUN	THE IMPACT OF SWIFTLET FARMING INDUSTRY ON MALAYSIAN HOUSING MARKET	RESOURCE SUSTAINABILITY
23	PY/2019/00680	NOR ALAFIZA BINTI YUNUS	Modification of Physico-Chemical Properties of Water-in-Diesel Emulsion to form Microemulsion using Multiple Diesel Blends Formulation	RESOURCE SUSTAINABILITY
24	PY/2019/00288	THOO AI CHIN	ELECTRONIC WASTE RECYCLING BEHAVIOR FOR REVERSE LOGISTICS IN MALAYSIA	SMART DIGITAL COMMUNITY
25	PY/2019/00353	MANSOUREH EBRAHIMI	INTERNATIONAL STUDENTS PERCEPTION ON UNDERSTANDING OF ISLAM AND MUSLIM CHARACTERISTICS IN UTM	SMART DIGITAL COMMUNITY

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26	PY/2019/00463	AQEEL KHAN	PREDICTORS OF MENTAL HEALTH AMONG LOW INCOME GROUP (B40) AMONG MALAYSIAN URBAN ADULTS	SMART DIGITAL COMMUNITY
27	PY/2019/00509	NURUL HAWANI BINTI IDRIS	DEVELOPMENT OF LINKED DATA INFRASTRUCTURE FOR ONLINE PHENO-INFORMATICS	RESOURCE SUSTAINABILITY
28	PY/2019/00377	AZURA BINTI HAMZAH	DEVELOPMENT OF MULTIMODE EUROPIUM ALUMINIUM INCORPORATED POLYMER OPTICAL PLANAR WAVEGUIDE AMPLIFIER BY USING MOSQUITO METHOD	INNOVATIVE ENGINEERING
29	PY/2019/00701	NURLIYANA BINTI AHMAD ZAWAWI	FRUIT WASTE MEDIATED SYNTHESIS OF SILVER NANOPARTICLES FOR ITS BIOREMEDIATION POTENTIAL	HEALTH AND WELLNESS
30	PY/2019/00458	SOPHIA C. ALIH	AXIAL LOAD CAPACITY AND CYCLIC BEHAVIOR OF REINFORCED CONCRETE COLUMNS INTERNALLY CONFINED WITH FRP SHEETS	INNOVATIVE ENGINEERING
31	PY/2019/00279	SYAFIQAH BINTI SAIDIN	3D PRINTING OF BIODEGRADABLE POLY(D-LACTIC ACID)/POLY(L-LACTIC ACID) VASCULAR STENT	FRONTIER MATERIALS
32	PY/2019/00242	ABDUL HALIM BIN ABDULLAH	Kerangka Hubungan Pemikiran Komputasional dan Penyelesaian Masalah Matematik Bukan Rutin Dalam Pembelajaran Abad ke-21	SMART DIGITAL COMMUNITY
33	PY/2019/00524	ROSLINA BINTI MOHAMMAD	SECURITY AND RISK BASED MODELS OF CONTINGENT THREAT AT SEAPORT IN MALAYSIA	INNOVATIVE ENGINEERING
34	PY/2019/00312	MA CHAU KHUN	The mechanism of active-passive confining pressure in enhancing the behaviour of lightweight aerated (foamed) concrete	INNOVATIVE ENGINEERING
35	PY/2019/00609	SUHANA BINTI MOHAMED SULTAN	FABRICATION AND CHARACTERIZATION OF ZNO PIEZOELECTRIC NANOSTRUCTURES ON A FLEXIBLE SUBSTRATE USING HYDROTHERMAL TECHNIQUE	INNOVATIVE ENGINEERING
36	PY/2019/00633	SUHAILA BINTI M BUHARI	UNDERSTANDING THE GENERATION MECHANISM OF MULTIPLE EQUATORIAL PLASMA BUBBLES (EPBS) USING LOW EARTH ORBIT SATELLITE (LEOS)	FRONTIER MATERIALS
37	PY/2019/00367	SITI MAHERAH BINTI HUSSIN	Load Scheduling for Smart Home using Day-Ahead Prediction from Artificial Neural Network (ANN)	RESOURCE SUSTAINABILITY
38	PY/2019/00376	AMI HASSAN BIN MD DIN	VERTICAL LAND MOTION ESTIMATION FROM GLOBAL NAVIGATION SATELLITE SYSTEMS (GNSS)	INNOVATIVE ENGINEERING
39	PY/2019/00253	MUHAMMAD AMIR BIN AS'ARI	VISION BASED MULTIPLE RINGGIT BANKNOTE VALUE PREDICTION USING CONVOLUTIONAL NEURAL NETWORKS FOR VISUAL IMPAIRED PEOPLE	INNOVATIVE ENGINEERING
40	PY/2019/00533	MOHD ASMADI BIN MOHAMMED YUSSUF	CARBON CRYOGEL AS A POTENTIAL ABSORBENT FOR REMOVAL OF BISPHENOL A AND ASPIRIN IN PHARMACEUTICAL WASTEWATER	RESOURCE SUSTAINABILITY
41	PY/2019/00315	MOHAMMAD ZAKRI BIN TARMIDI	PEMETAAN TAHAP KESESUAIAN LOKASI PEMBANGUNAN PERUMAHAN MAMPU MILIK BERDASARKAN KRITERIA PERMINTAAN	RESOURCE SUSTAINABILITY
42	PY/2019/00630	MOHD FAIZAL BIN HASAN	INVESTIGATION ON DUAL-FUNCTION NATURAL BINDER BASED EMPTY FRUIT BUNCH BRIQUETTES TORREFIED BY MICROWAVE HEATING TOWARDS GREEN POWER GENERATION	INNOVATIVE ENGINEERING
43	PY/2019/00486	ZAKI YAMANI BIN ZAKARIA	DEVELOPMENT SULFONATED SAGU PITH WASTE CATALYST FOR ESTERIFICATION OF PALM FATTY ACID DISTILLATE TO METHYL ESTER	RESOURCE SUSTAINABILITY
44	PY/2019/00385	MOHD IBRAHIM BIN SHAPIAI@ABD.RAZAK	POSE SKELETON ESTIMATION WITH ADVANCED OPTICAL FLOW USING DEEP LEARNING FOR HUMAN ACTION DETECTION	FRONTIER MATERIALS
45	PY/2019/00613	MOHD HAFIZI BIN AHMAD	Development of A Uniform Glow Plasma Jet System for Surface Treatment of Nanoparticles	RESOURCE SUSTAINABILITY
46	PY/2019/00355	MUHAMMAD TAHIR	SYNTHESIS AND CHARACTERIZATION OF SOLAR-ACTIVATED MULTI-LAYERED TITANIUM CARBIDE NANOMATERIALS FOR RENEWABLE HYDROGEN PRODUCTION	RESOURCE SUSTAINABILITY
47	PY/2019/00667	NABILAH BINTI KASIM	SHORT PULSE YTTERBIUM-DOPED FIBER LASER USING CADMIUM TELLURIDE AS SATURABLE ABSORBER	FRONTIER MATERIALS
48	PY/2019/00567	NOOR NABILAH BINTI SARBINI	INVESTIGATION ON THE MECHANICAL AND THERMAL PROPERTIES OF PINEAPPLE LEAF FIBERS ADDITION INTO CLAY BRICKS	INNOVATIVE ENGINEERING
49	PY/2019/00468	NURUL ADILLA BT. MOHD SUBHA	CONSENSUS-BASED CONTROL FOR EFFICIENT SMART WATER GRID SYSTEM	INNOVATIVE ENGINEERING

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50	PY/2019/00334	NORHIDAYU BINTI MUHAMAD ZAIN	The potential of polydopamine cross-linked tilapia collagen as a substitute to porcine collagen in skin tissue engineering for halal biomedical applications	SMART DIGITAL COMMUNITY
51	PY/2019/00530	SATHIABAMA A/P T THIRUGNANA	ASSESSMENT OF AMMONIACAL NITROGEN AND HEAVY METAL REMOVAL FROM SOLID WASTE LANDFILL LEACHATE USING SEAWEEDS	FRONTIER MATERIALS
52	PY/2019/00572	SYAZWANI ITRI BINTI AMRAN	DETERMINATION OF STRUCTURAL STABILITY AND CATALYTIC ACTIVITY OF GLUCOSE-6-PHOSPHATE DEHYDROGENASE (G6PD)VARIANTS IN G6PD-DEFICIENCY USING MOLECULAR DYNAMIC SIMULATION (MDS)	HEALTH AND WELLNESS
53	PY/2019/00519	JASRUL JAMANI BIN JAMIAN	FAST-ADAPTIVE RECONFIGURATION THROUGH PHOTOVOLTAIC OUTPUT PREDICTION AND GRAVITATIONAL SEARCH ALGORITHM	RESOURCE SUSTAINABILITY
54	PY/2019/00317	TAN LIAN SEE	RECOVERY OF NITROGEN AND PHOSPHORUS BASED NUTRIENTS FROM AQUACULTURE EFFLUENT VIA FUNCTIONALIZED CELLULOSE FROM OIL PALM BIOMASS.	HEALTH AND WELLNESS
55	PY/2019/00614	NOOR HAFIZAH BINTI HASSAN	Heart Failure Patient Readmission Prediction System using Data Mining Technique in Malaysian Healthcare Environment	SMART DIGITAL COMMUNITY
56	PY/2019/00387	MUHAMMAD HANIF BIN RAMLEE	DEVELOPMENT OF THREE-DIMENSIONAL PRINTED HAND CAST FOR TREATING BROKEN BONE	FRONTIER MATERIALS
57	PY/2019/00456	FAZILAH BINTI HASSAN	Facilitate robust control for high-speed tilting trains.	INNOVATIVE ENGINEERING
58	PY/2019/00607	FAIZUAN BIN ABDULLAH	LEUCAS ZEYLANICA AS A POTENTIAL NATURAL ANTHELMINTIC COMPOUNDS : PREPARATION AND CHARACTERIZATION	RESOURCE SUSTAINABILITY
59	PY/2019/00262	TAN LIAT CHOON	LAND AND CADASTRE LEGISLATION FORMATION IN SARAWAK	RESOURCE SUSTAINABILITY
60	PY/2019/00271	NORAZLI BINTI OTHMAN	Recycling and Resource recovery technique in managing construction waste in sustainable manner	RESOURCE SUSTAINABILITY
61	PY/2019/00294	SHAZIERA BINTI OMAR	MONITORING FOAM STABILITY IN FOAM ASSISTED WATER ALTERNATE GAS PROCESS USING ELECTROKINETIC SIGNAL	RESOURCE SUSTAINABILITY
62	PY/2019/00300	NUR FADILAH BINTI DARMANSAH	Factors that Influence the design of Equine Facilities in Malaysia	RESOURCE SUSTAINABILITY
63	PY/2019/00318	MOHAMAD S. J. DARWISH	STUDY ON FERTILIZING EFFICIENCY OF STRUVITE RECOVERED IN PORTABLE TOILETS WASTEWATER	RESOURCE SUSTAINABILITY
64	PY/2019/00350	BASYARAH BINTI HAMAT	FRAMEWORK OF DESIGN LEARNING MIND-SETS FOR INDUSTRIAL DESIGNERS	INNOVATIVE ENGINEERING
65	PY/2019/00368	MOHD RIZALUDIN BIN MAHMUD	PROJECTING THE NEAR FUTURE OF WORST MICRO-CLIMATE SCENARIOS IN URBANIZED TROPICS CITY USING BIG-GEOSPATIAL DATA	RESOURCE SUSTAINABILITY
66	PY/2019/00382	ERWAN HAFIZI BIN KASIMAN	WAVE DIFFRACTION FROM A SURFACE PIERCING BODY UNDER THE ACTION OF STEEP INCIDENT WAVES	RESOURCE SUSTAINABILITY
67	PY/2019/00405	NOR AFIFAH BINTI BASRI	TINJAUAN DAN PEMILIHAN TAPAK LOJI JANAKUASA NUKLEAR DI SEMENANJUNG MALAYSIA	RESOURCE SUSTAINABILITY
68	PY/2019/00418	MOHAMED ZUHAILI BIN MOHAMED NAJIB	CARBON DIOXIDE ADSORPTION BETWEEN LIQUID-GAS PHASE IN PALM OIL MILL EFFLUENT (POME) USING POME-SLUDGE SYSTEM	RESOURCE SUSTAINABILITY
69	PY/2019/00440	ALI TIGHNAVARD BALASBANEH	SAVING ON ENERGY COSTS BY APPLYING DIFFERENT INSULATION LAYERS ON PRECAST CONCRETE WALL ENVELOPE IN TROPICAL CLIMATES: EXPERIMENTAL TEST ON AIR-CONDITIONINGENERGY COSTS SAVING BY APPLYING DIFFERENT INSULATION LAYERS ON PRECAST CONCRETE WALL ENVELOPE IN TROPICAL CLIMATES: EXPERIMENTAL TEST ON AIR-CONDITIONING	INNOVATIVE ENGINEERING
70	PY/2019/00452	NUR SYAMIMI BINTI ZAIDI	REMOVAL OF ORGANIC AND NUTRIENT CONTENT IN WASTEWATER BY ACTIVE PLANT-BASED NATURAL COAGULANT AGENT	RESOURCE SUSTAINABILITY
71	PY/2019/00459	EZDIHAR BINTI HAMZAH	AIRBNB: FAKTOR PENERIMAAN DAN KESANNYA	RESOURCE SUSTAINABILITY
72	PY/2019/00471	MOHD AKMALI BIN MOKHTER	FUNCTIONALIZATION OF FABRICATED GRAPHENE-SDS ELECTROSPUN MEMBRANE BY PAH/PSS LAYER-BY-LAYER METHOD FOR REMOVAL OF SALT FROM SEAWATER.	RESOURCE SUSTAINABILITY

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73	PY/2019/00474	NORASLINDA BINTI ABDUL RAHMAN	SENIBINA BANGUNAN WARISAN UTM SEBAGAI SIMBOL CENDERAHATI KORPORAT	RESOURCE SUSTAINABILITY
74	PY/2019/00475	WAN ROSMIZA ZANA BT WAN DAGANG	PERFORMANCE OF ECO-FRIENDLY ANTIFUNGAL NANO-PAINT	RESOURCE SUSTAINABILITY
75	PY/2019/00569	NORHAZREN IZATIE BINTI MOHD	CLOUD COMPUTING ADOPTION FRAMEWORK FOR CONSTRUCTION FIRMS	RESOURCE SUSTAINABILITY
76	PY/2019/00625	SITI MARIAM BINTI NORRULASHIKIN	Medicine Usage Modelling Using Modified INGARCH-GLM Framework	RESOURCE SUSTAINABILITY
77	PY/2019/00658	NURASHIKIN BINTI IHSAN	EVOLUTION ADAPTIVE STUDY OF LIGNOCELLULOLYTIC FUNGI AND BACTERIA IN SOLID AND SUBMERGED BIODEGRADATION SYSTEM OF OIL PALM AGRICULTURAL WASTES	RESOURCE SUSTAINABILITY
78	PY/2019/00685	LENG PAU CHUNG	THERMAL COMFORT IN TROPICAL CLIMATE: OPTIMIZATION OF NATURAL VENTILATION WITH SOLAR CHIMNEY IN SINGLE STOREY TERRACE HOUSE	RESOURCE SUSTAINABILITY
79	PY/2019/00231	HASNAH BINTI MOHAMED	BUKU DIALOG DAN VIDEO ANIMASI BAGI MENINGKATKAN KEMAHIRAN BERBAHASA INGGERIS DALAM KALANGAN PELAJAR BERMASALAH PEMBELAJARAN	SMART DIGITAL COMMUNITY
80	PY/2019/00233	AMIRJAN BIN NAWABJAN	Nano-infused Phase Change Material(NPCM) as an enhanced method for photovoltaic panel cooling	FRONTIER MATERIALS
81	PY/2019/00235	DAYANG ZULAIKA BINTI ABANG HASBOLLAH	NUMERICAL MODELLING OF CARBON DIOXIDE PLUME DISPERSION IN SANDSTONE AQUIFER OF MALAYSIA	INNOVATIVE ENGINEERING
82	PY/2019/00256	NURUL AZREEN BINTI AZLAN	PUBLIC SPACE AND DEMOCRACY: A COMPARATIVE ANALYSIS BETWEEN KUALA LUMPUR AND PUTRAJAYA	INNOVATIVE ENGINEERING
83	PY/2019/00258	NURUL ASHIKIN BINTI ABDUL KADIR	DRY ELECTRODE FOR HUMAN HEART MONITORING BASED BY GRAPHENE INK ON FABRIC	INNOVATIVE ENGINEERING
84	PY/2019/00269	HEMA ROSHENY BINTI MUSTAFA	Exploring psychological well-being of parents of a child with autism spectrum disorder (ASD) through digital storytelling in social media	SMART DIGITAL COMMUNITY
85	PY/2019/00277	NOORAZIZI BIN MOHD SAMSUDDIN	OPTIMIZATION OF HIGH PERFORMANCE DRILL GEOMETRY DESIGN FOR ORTHOPAEDIC SURGICAL APPLICATION	INNOVATIVE ENGINEERING
86	PY/2019/00280	FAIZANI BIN MOHD NOOR	STRUCTURAL AND MECHANICAL PROPERTIES OF SODIUM TANTALUM BOROALUMINOSILICATE GLASS FOR SOLID OXIDE FUEL CELLS APPLICATIONS	FRONTIER MATERIALS
87	PY/2019/00282	RAFIDAH BINTI OTHMAN	THE MODERATING EFFECT OF BOARD OF DIRECTORS ON THE ROLE OF INVESTMENT COMMITTEE IN INFLUENCING THE SELECTIVITY PERFORMANCE OF MALAYSIAN UNIT TRUST EQUITY FUNDS	SMART DIGITAL COMMUNITY
88	PY/2019/00283	NURUL AINI BINTI MOHD AHYAN	KERJASAMA INDUSTRI DAN INSTITUSI PENGAJIAN TINGGI (IPT) DALAM MENINGKATKAN KEBOLEHPASARANPELAJAR ALIRAN TEKNIKAL	SMART DIGITAL COMMUNITY
89	PY/2019/00302	SABRINAH BINTI ADAM	Entrepreneurial Orientation and Organizational Performance of Online Business in Malaysia	SMART DIGITAL COMMUNITY
90	PY/2019/00303	RADZUAN BIN SA'ARI	PREDICTION OF RQD USING FUZZY LOGIC ALGORITHM WITH ROCK GEOPHYSICS	INNOVATIVE ENGINEERING
91	PY/2019/00304	ZURAIDAH BINTI SULAIMAN	ROLE OF ENVIRONMENTAL RESPONSIBLE BEHAVIOUR IN PREDICTING MALAYSIAN CONSUMERS' PURCHASE OF ENERGY EFFICIENT VEHICLE	SMART DIGITAL COMMUNITY
92	PY/2019/00305	NURUL FARHANA BINTI JUMAAT	SCAFFOLDING SELF-REGULATED FLIPPED CLASSROOM APPROACH TO FACILITATE STUDENTS' SELF-REGULATION AND PERFORMANCE IN LEARNING	SMART DIGITAL COMMUNITY
93	PY/2019/00311	ROHUL HAYAT BIN ADNAN	ENGINEERING THE SURFACE OF PEROVSKITE NANOCRYSTALS TO ENHANCE THE STABILITY AND CONTROL THE OPTICAL PROPERTIES	FRONTIER MATERIALS
94	PY/2019/00313	BENI WIDARMAN BIN YUS KELANA	PEMBANGUNAN AMALAN KEMAMAPANAN SUMBER MANUSIA BAGI PENINGKATAN PRODUKTIVITI PEKERJA PKS DI JOHOR MELALUI SOKONGAN POLISI SUMBER MANUSIA	SMART DIGITAL COMMUNITY
95	PY/2019/00325	AZIZUL BIN AZIZAN	INTERNET OF THINGS (IOT) ADOPTING MANGROVE QUALITY INDEX (MQI) WITH EDGE COMPUTING CLASSIFICATION & PREDICTION	SMART DIGITAL COMMUNITY

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96	PY/2019/00331	MUHAMMAD AFIQ NURUDIN BIN HAMZAH	INTERFACE TRAP DENSITY OF JUNCTIONLESS NANOWIRE TRANSISTOR: EXTRACTION AND COMPACT MODELING	INNOVATIVE ENGINEERING
97	PY/2019/00332	NOORLIZAWATI BINTI ABD RAHIM	CONNECTING ACADEMIC ENTREPRENEURS' SELF-DIRECTED LEARNING TO THEIR ENTREPRENEURIAL PERFORMANCE	SMART DIGITAL COMMUNITY
98	PY/2019/00333	MOHD FAUZI BIN ABU @ HUSSIN	PEMBANGUNAN MODUL KELUARGA SEJAHTERA NEGERI JOHOR	SMART DIGITAL COMMUNITY
99	PY/2019/00335	NORSHALIZA BINTI KAMARUDDIN	IMAGE SEGMENTATION ON MULTI MODAL OF MEDICAL IMAGES USING ACTIVE CONTOUR MODEL	SMART DIGITAL COMMUNITY
100	PY/2019/00336	NUR NAJWA HANANI BINTI ABD RAHMAN	KEPERLUAN SOKONGAN SOSIAL DALAM PEMERKASAAN SAUDARA BARU	SMART DIGITAL COMMUNITY
101	PY/2019/00341	ISKANDAR SHAH BIN ISHAK	Experimental Work On Helicopter Tail Shake Phenomenon	INNOVATIVE ENGINEERING
102	PY/2019/00359	NORAZRENA BINTI ABU SAMAH	PERMAINAN INTERAKTIF BAGI MENINGKATKAN KEMAHIRAN MEMBACA MURID LINUS TEGAR	SMART DIGITAL COMMUNITY
103	PY/2019/00369	MOHD FUAD BIN MOHAMAD	SYNTHESIS AND FUNCTIONALISATION OF PALLADIUM-PORPHYRIN COMPOUND FOR THE FABRICATION OF COVALENTLY BONDED RATIOMETRIC OXYGEN SENSOR.	FRONTIER MATERIALS
104	PY/2019/00374	IZHARI IZMI BIN MAZALI	Current Usage Profile of a DC Motor to vary Transmission Ratio in an Electro-Mechanical Continuously Variable Transmission	INNOVATIVE ENGINEERING
105	PY/2019/00375	NORHANA BINTI JUSOH	Engineering a vascularized 3D-printed PLA-Fibrin scaffold as a bone substitute.	FRONTIER MATERIALS
106	PY/2019/00388	ARIFAH BINTI ALI	MODELING THE POWERING PERFORMANCE OF SEMI SWATH IN A SEAWAY	INNOVATIVE ENGINEERING
107	PY/2019/00391	HANIM BINTI MOHD. YATIM	ADVANCED SWARM ALGORITHM FOR ACTIVE VIBRATION CONTROL OF FLEXIBLE MANIPULATOR SYSTEM	FRONTIER MATERIALS
108	PY/2019/00392	THERESA HO CHAR FEI	Well-being in the Workplace: Unravelling the Determinants and Consequences of Presenteeism from the Perspective of Job Demand and Resources Model (JD-R)	SMART DIGITAL COMMUNITY
109	PY/2019/00404	NORULHUDA BINTI ISMAIL	Exploring Teachers, Peers and Parents Behaviour and Speech which Intensify And Minimize Mathematics Anxiety Among Malaysian Students Through Photovoice Approach	SMART DIGITAL COMMUNITY
110	PY/2019/00409	MUHAMAD HAFIZ BIN ISMAIL	PROFIL ORIENTASI MATLAMAT PENYERTAAN SUKAN DALAM KALANGAN ATLET SUKMA JOHOR 2020	SMART DIGITAL COMMUNITY
111	PY/2019/00416	SITI HASLIAH BINTI SALLEH	PROFILING VOLUNTEER MEMBERS PARTICIPATION IN CIVIL DEFENCE PROGRAMMES BASED ON THE INFLUENCE OF INCENTIVES	SMART DIGITAL COMMUNITY
112	PY/2019/00423	NOR AKMAR BT. NORDIN	DEVELOPMENT OF STUDENTS' ADAPTABILITY SCALE FOR MALAYSIAN HIGHER EDUCATION INSTITUTION	SMART DIGITAL COMMUNITY
113	PY/2019/00426	TAN CHEE FAI	SMART IN-PIPE ROBOTIC SYSTEM EQUIPPED WITH ROBUST NONLINEAR CONTROLLER	FRONTIER MATERIALS
114	PY/2019/00427	MOHD KHAIRUL IDHAM BIN MOHD SATAR	IMPACT OF MALTENE ON THE PERFORMANCE OF ASPHALT MIXTURE INCORPORATING RECYCLE MATERIAL	INNOVATIVE ENGINEERING
115	PY/2019/00430	MUHAMMAD NAQUIDDIN BIN MOHD WARID	PERFORMANCE OF POLYMER MODIFIED ASPHALT INCORPORATING ACTIVATED CRUMB RUBBER AND POLYMER COMPOUND	INNOVATIVE ENGINEERING
116	PY/2019/00433	NAJUA SYUHADA BINTI AHMAD ALHASSORA	MATHEMATICS TEACHERS' COMPETENCIES IN INCULCATING HIGHER-ORDER THINKING SKILLS IN SECONDARY SCHOOL	SMART DIGITAL COMMUNITY
117	PY/2019/00434	NINA DIANA BINTI NAWI	QUADRUPLE HELIX PARTNERSHIP MODEL IN THE ESTABLISHMENT OF UNIVERSITY JOHOR	SMART DIGITAL COMMUNITY
118	PY/2019/00451	ZAHARAH BINTI JOHARI	Analytical Modeling and Simulation of 10 nm Junctionless III-V Semiconductor Nanowire Optimized Using Taguchi Method	INNOVATIVE ENGINEERING
119	PY/2019/00453	AHMAD SHAHIDAN BIN ABDULLAH	INTELLIGENT STOCK MARKET ADVISOR USING MACHINE LEARNING ALGORITHM	INNOVATIVE ENGINEERING
120	PY/2019/00465	GANTHAN A/L NARAYANA SAMY	DETECTION MODEL USING MULTIDIMENSIONAL FACTORS FOR INSIDER THREAT IN ORGANIZATION	SMART DIGITAL COMMUNITY
121	PY/2019/00477	SHARIFAH BINTI OSMAN	PENGUSAHAAN KEMAHIRAN BERFIKIR ARAS TINGGI DALAM MATEMATIK MENERUSI STRATEGI PEMBELAJARAN KOOPERATIF THINK-TALK-WRITE	SMART DIGITAL COMMUNITY
122	PY/2019/00487	HAZZIRAH IZZATI BINTI MAT HASSIM	CRYSTALLOGRAPHIC MATHEMATICAL REPRESENTATION WITH SYMMETRIC STRUCTURES AND OPERATIONS	FRONTIER MATERIALS

BIL	NO. RUJUKAN	KETUA PROJEK	TAJUK PROPOSAL	RA
123	PY/2019/00505	NORHAKIM BIN YUSOF	SPATIO-TEMPORAL PATTERNS OF WIND AND WAVE: A METHOD FOR DISCOVERING MALAYSIAN OCEAN ENERGY POTENTIAL USING DATA MINING	RESOURCE SUSTAINABILITY
124	PY/2019/00511	ROZZETA BINTI DOLAH	BIO-OIL UPGRADING AS VEHICLE FUELS USING WATER/OIL BASED EXTRACTION	FRONTIER MATERIALS
125	PY/2019/00535	FARHANA BINTI ABU BAKAR	WORK-LIFE BALANCE AND WELLBEING OF UTM EARLY CAREER ACADEMICS	SMART DIGITAL COMMUNITY
126	PY/2019/00536	SAMSOL FAIZAL BIN ANIS	Fatigue investigation on developed aluminum alloy with excess Magnesium for automotive applications.	INNOVATIVE ENGINEERING
127	PY/2019/00543	AHMAD HUMAZI BIN ROZAINI	Design and development of robust controller for UTM Electro-Mechanical Parking Brake (EMPB) system in relation to rollaway phenomenon.	FRONTIER MATERIALS
128	PY/2019/00551	PRITHEEGA A/P MAGALINGAM	BITCOIN FRAUD DETECTION AND CONTROL MODEL USING NEAREST NEIGHBOR TECHNIQUE FOR FINANCIAL INSTITUTIONS	SMART DIGITAL COMMUNITY
129	PY/2019/00555	SHAHIDATUL SADIAH BINTI ABDUL MANAN	Privacy Enhancement of Anonymous Reputation Algorithm in Participatory <u>Crowdsensing</u>	INNOVATIVE ENGINEERING
130	PY/2019/00557	MOHD AZWARIE BIN MAT DZAHIR	SYSTEM IDENTIFICATION AND SPEED CONTROL OF ELECTRO-MECHANICAL DUAL ACTING PULLEY CONTINUOUSLY VARIABLE TRANSMISSION (EMDAP CVT)	INNOVATIVE ENGINEERING
131	PY/2019/00560	NUR IZZATI BT MOHD NOH	Phenotyping of antioxidant potential of indigenous thermophilic cyanobacterial strains in relation with their phenolic and flavonoid contents	HEALTH AND WELLNESS
132	PY/2019/00570	WAN ANOM BINTI WAN ARIS	MALAYSIA GEODETIC COORDINATE UTILITY PROGRAM	INNOVATIVE ENGINEERING
133	PY/2019/00574	HAMIZAH LIYANA BINTI TAJUL ARIFFIN	OSHCIM IMPLEMENTATION IN MALAYSIAN CONSTRUCTION INDUSTRY	RESOURCE SUSTAINABILITY
134	PY/2019/00576	SHAHARIL BIN MAD SAAD	DEVELOPMENT OF COMPACT BRAILLE TACTILE BASED ON GAUSS RIFLE PRINCIPLE	FRONTIER MATERIALS
135	PY/2019/00580	HALIM SHAH BIN HAMZAH	Impact of product individualization under Industry 4.0 towards Halal certification	FRONTIER MATERIALS
136	PY/2019/00581	ADJAH NAQKIAH BINTI MAZLAN	Penggunaan perisian multimedia pembelajaran berintegrasikan teknologi penganalisaan video dan simulasi bagi kemahiran sukan	SMART DIGITAL COMMUNITY
137	PY/2019/00583	AZIZAH BTE ISMAIL	KERANGKA TEKATAN KEMAMPUAN PERUMAHAN GOLONGAN BUMIPUTERA BERPACUKAN PASARAN HARTA TANAH DI ISKANDAR MALAYSIA	RESOURCE SUSTAINABILITY
138	PY/2019/00588	AHMAD NABIL BIN MD. NASIR	KERANGKA PENGUSAHAAN DAN PERSEPSI MAJIKAN TERHADAP KEMAHIRAN BUKAN TEKNIKAL GRADUAN KOLEJ VOKASIONAL MALAYSIA	SMART DIGITAL COMMUNITY
139	PY/2019/00597	SHAMSULHADI BIN BANDI	TRUST IN THE TRANSFERAL OF DIGITIZED INFORMATION IN SILOED CONSTRUCTION ENVIRONMENT	RESOURCE SUSTAINABILITY
140	PY/2019/00599	NURRULHIDAYAH BINTI SALAMUN	Mesoporous activated carbon derived from banana stem waste for removal of acidic and basic dyes.	FRONTIER MATERIALS
141	PY/2019/00603	NURUL HUDA BINTI BAHARUDDIN	Polymer-enhanced ultrafiltration for heavy metal removal: Influence of novel unmodified starch as a complexing biopolymer on filtration performances	RESOURCE SUSTAINABILITY
142	PY/2019/00615	NOR ZAFIR BT. MD. SALLEH	Developing framework for sustainable Baba Nyonya heritage tourism	SMART DIGITAL COMMUNITY
143	PY/2019/00617	NORAZILA BINTI OTHMAN	FEASIBILITY STUDY OF SYNTHESIS GAS PRODUCTION FROM AGRICULTURAL WASTES	INNOVATIVE ENGINEERING
144	PY/2019/00618	MOHAMMAD SAIPOL BIN MOHD SUKOR	Impak Humor Terhadap Stres, Penglibatan Kerja dan Kesejahteraan Hidup di Sektor Awam Negeri Johor	SMART DIGITAL COMMUNITY
145	PY/2019/00619	UMAR HAIYAT BIN ABDUL KOHAR	THE DEVELOPMENT OF COMMUNITY-BASED SOCIAL ENTREPRENEURSHIP BUSINESS MODELS FOR YOUNG NASCENT ENTREPRENEURS	SMART DIGITAL COMMUNITY
146	PY/2019/00622	KANG MYOUNG SOOK	International Retirement Migration: Korean Retirees in Johor Bahru	SMART DIGITAL COMMUNITY
147	PY/2019/00640	AZRA AYUE BINTI ABDUL RAHMAN	LEARNING ANALYTICS FOR MODERATING ACADEMIA INNOVATIVE WORK BEHAVIOUR IN IMPLEMENTING LEARNING INNOVATION	SMART DIGITAL COMMUNITY
148	PY/2019/00646	NURUL SYAKIMA BT MOHD YUSOFF	SERVICE CHARGE ELEMENTS FOR STRATIFIED RESIDENTIAL BUILDING	RESOURCE SUSTAINABILITY

BIL	NO. RUJUKAN	KETUA PROJEK	TAJUK PROPOSAL	RA
149	PY/2019/00647	HAZA NUZLY BIN ABDULL HAMED	FOOD PACKAGING DEFECTS DETECTION USING AN IMPROVE NAIVE BAYES	SMART DIGITAL COMMUNITY
150	PY/2019/00649	RAZIF BIN RAZALI	Numerical design for Superlattice Notch filter based on genetic optimization	FRONTIER MATERIALS
151	PY/2019/00650	NURUL AINI BINTI JAAFAR	The Effect of Chemical Reaction on the Solute Dispersion in Blood Flow of Herschel-Bulkley Fluid through a Stenosed Artery.	FRONTIER MATERIALS
152	PY/2019/00655	MOHD KHAIRUDDIN BIN RAMLIY	OPEN INNOVATION ACTIVITIES AND FIRM'S INNOVATION PERFORMANCE OF SMALL AND MEDIUM ENTERPRISES IN THE MALAYSIAN MANUFACTURING SECTOR.	SMART DIGITAL COMMUNITY
153	PY/2019/00665	SITI SUHAILA BTE IHWANI	PEMBINAAN APLIKASI E-HEALTHY PENDIDIKAN SEKS ISLAM	SMART DIGITAL COMMUNITY
154	PY/2019/00666	MUHAMAD NAJIB BIN ZAKARIA	WAVE PROPAGATION ON FINITE-DIFFERENCE STAGGERED GRID	FRONTIER MATERIALS
155	PY/2019/00673	SITI ERNIEYANTI BINTI HASHIM	Optimization of Extraction, Isolation, and Bioactivity of Ananas comosus	HEALTH AND WELLNESS
156	PY/2019/00678	FARAH ELLYZA BINTI HASHIM	Tidal Energy Resource Assessment in Malaysia	INNOVATIVE ENGINEERING
157	PY/2019/00679	DORIA BINTI ABDULLAH	AN INVESTIGATION ON ENGAGEMENT STYLES AND IMPACT ON ATTRITION FOR LIFELONG LEARNERS IN PART-TIME ACADEMIC PROGRAMMES	SMART DIGITAL COMMUNITY
158	PY/2019/00687	WILSON RANGGA ANAK ANTHONY JIRAM	HOUSEHOLDS WELLBEING OF HIGH-RISE AFFORDABLE HOUSING IN ISKANDAR MALAYSIA	RESOURCE SUSTAINABILITY
159	PY/2019/00690	NURZILA BINTI AB LATIF	Characterisations of the physiology of mammalian cell lines in small scale culture	HEALTH AND WELLNESS
160	PY/2019/00693	NOR AIN BINTI HUSEIN	MODIFICATION OF OPTICAL DELAYS IN OPTICAL FIBER USING STIMULATED BRILLOUIN SCATTERING FOR AMMONIA SENSING	FRONTIER MATERIALS
161	PY/2019/00698	NABILA BTE ABDUL GHANI	INVESTIGATING THE EFFECTS OF TRAFFIC CONGESTION ON DRIVERS' STRESS LEVEL IN URBAN TOURISM AREAS	RESOURCE SUSTAINABILITY
162	PY/2019/00702	LIEW WAI LOAN	Assessment of Water Quality and Microbial Community Structure Changes in Full Scale Sewage Treatment Plant with Suspended Biofilm Carrier	RESOURCE SUSTAINABILITY
163	PY/2019/00712	MUHAMMAD FIRDAUS BIN OMAR	Multilayer SiC/C Thin Film Approach to Improve FBG Thermal Stability	FRONTIER MATERIALS
JUMLAH KESELURUHAN				