

## SENARAI PENYELIDIKAN YANG DILULUSKAN MENGIKUT TAHUN

BIL	TAJUK PROJEK	NAMA PENYELIDIK	NO. PROJEK	NO VOT	BAJET YANG DILULUSKAN (RM)	TEPOH PENYELIDIKAN	NAMA PEMBANTU PENYELIDIK/ TEMPOH LANTIKAN
1	TEMPERATURE CONTROL SYSTEM FOR FERTIGATION APPLICATION	MOHD. FARID BIN ISMAIL - AZRIN BIN AHMAD - EFFENDY ONN BIN SIAM - LUQMAN HAKIM BIN HAMZAH - MOHD SULHAN BIN MOKHTAR - MUHAMMAD FAIRUZ BIN ABU BAKAR - MUHAMMAD ILMAN HAKIMI CHUA BIN ABDULLAH - MUHAMMAD NUR BIN OTHMAN - SAFARUDIN GAZALI HERAWAN	GLUAR/PPRN/2018/FTK-CARE	G00054	27,300.00	01/04/2018 - 01/10/2018	
2	EVOPORATIVE COOLING SYSTEM FOR GREENHOUSE	MOHD BADRIL BIN NOR SHAH - AMAR FAIZ BIN ZAINAL ABIDIN - AMIR ABDULLAH BIN MUHAMAD DAMANHURI - ARMAN HADI BIN AZAHAR - KHALIL AZHA BIN MOHD ANNUAR - MOHAMAD HANIFF BIN HARUN - MOHD FIRDAUS BIN MOHD AB HALIM - MUHAMAD FAIZAL BIN YAAKUB	GLUAR/PPRN/2018/FTK-CERIA	G00055	35,442.00	01/04/2018 - 01/10/2018	
3	GERAN SANJUNGAN INSENTIF PENERBITAN JURNAL 2018	RIDHWAN BIN JUMAIDIN	JURNAL/2018/FTK	Q00004	10,000.00	01/03/2018 - 28/02/2019	
4	GERAN SANJUNGAN INSENTIF PENERBITAN JURNAL TAHUN 2018	ROSTAM AFFENDI BIN HAMZAH	JURNAL/2018/FTK	Q00008	5,000.00	01/03/2018 - 28/02/2019	
5	GERAN SANJUNGAN INSENTIF PENERBITAN JURNAL 2018	MASTURA BINTI MOHAMMAD TAHA	JURNAL/2018/FTK	Q00009	5,000.00	01/03/2018 - 28/02/2019	
6	MODIFICATION AND INVESTIGATION OF JOHNSON-COOK FLOW STRESS MODEL BY DEVELOPED SHEAR SLITTING MACHINE	NORFARIZA BINTI AB WAHAB - ABU BIN ABDULLAH - MOHD HAIRIZAL BIN OSMAN - RAJA IZAMSHAH BIN RAJA ABDULLAH - SUHAILA BINTI MOHD NAJIB	PJP/2018/FTK(1B)	S01580	20,000.00	15/02/2018 - 14/02/2019	
7	EFFECT OF OPTIMIZATION HEAT TREATMENT ON MICROSTRUCTURE AND MECHANICAL PROPERTIES OF A356 ALUMINUM ALLOY FOR AUTOMOBILE COMPONENTS	NUR FARAH BAZILAH BINTI WAKHI ANUAR - MOHAMAD RIDZUAN BIN MOHAMAD KAMAL - MOHD AMRAN BIN MD ALI - MOHD SHUKOR BIN SALLEH - RIDHWAN BIN JUMAIDIN	PJP/2018/FTK(2C)	S01586	20,000.00	15/02/2018 - 14/02/2019	
8	DEVELOPMENT OF FUZZY BASED PID AUTOMATED STAND-ALONE TEMPERATURE-HUMIDITY CONTROL SYSTEM FOR MUSHROOM CULTIVATION	MOHD SYAHRIN AMRI BIN MOHD NOH - MOHAMAD HANIFF BIN HARUN - MOHD FARRIZ BIN HJ MD BASAR - MOHD YUHAZRI BIN YAAKOB - MUHAMAD FAIZAL BIN YAAKUB	PJP/2018/FTK(3C)	S01593	20,000.00	15/02/2018 - 14/02/2019	
9	Development of lightweight automotive anti-roll bar facilitated through Additive Manufacturing Technology	MASTURA BINTI MOHAMMAD TAHA - MOHD YUHAZRI BIN YAAKOB - MUHD RIDZUAN BIN MANSOR - RIDHWAN BIN JUMAIDIN - SYAHIBUDIL IKHWAN BIN ABDUL KUDUS	PJP/2018/FTK(4A)	S01594	20,000.00	15/02/2018 - 14/02/2019	
10	Hybrid Vehicle Engine Monitoring using Piezo-film Sensors and Analyzing with Z-freq Technique	MOHD IRMAN BIN RAMLI - AZMA PUTRA - MUHAMMAD ZAIDAN BIN ABDUL MANAF - NOR AZAZI BIN NGATIMAN	PJP/2018/FTK(5B)	S01596	20,000.00	15/02/2018 - 14/02/2019	
11	Development and Characterization of Green Technology Material Derived From	RIDHWAN BIN JUMAIDIN - MASTURA BINTI MOHAMMAD TAHA	PJP/2018/FTK(6A)	S01598	20,000.00	15/02/2018 - 14/02/2019	

	Cassava Starch and Imperata cylindrica Fibre	- MOHD YUHAZRI BIN YAAKOB - MOHD ZULKEFLI BIN SELAMAT - NAZRI HUZAIMI BIN ZAKARIA					
12	Mathematical Modeling and Framework of Headgear Design Parameters for Rugby Union Players to Prevent Brain Injury due to Scrum and Tackling	MOHAMED SAIFUL FIRDAUS BIN HUSSIN - MOHAMMAD KHALID BIN WAHID - MOHD ERDI BIN AYOB - MOHD JUZAILA BIN ABD. LATIF - OLAWALE FRIDAY IFAYEFUNMI	PJP/2018/FTK(7B)	S01599	20,000.00	15/02/2018 - 14/02/2019	
13	Study of driving behaviour of students in UTeM using driving simulator	NUR HAZWANI BINTI MOKHTAR - MAHANUM BINTI MOHD ZAMBERI - MOHD AZMAN BIN ABDULLAH - MOHD JUZAILA BIN ABD. LATIF	PJP/2018/FTK(8D)	S01601	20,000.00	15/02/2018 - 14/02/2019	
14	Automatic Surgical Lighting System Using Color Object Tracking	SALEHA BINTI MOHAMAD SALEH - ABD SHUKUR BIN JAAFAR - NORHASHIMAH BINTI MOHD SAAD - SYAFEEZA BINTI AHMAD RADZI - WONG YAN CHIEW	PJP/2018/FTK(9D)	S01603	20,000.00	15/02/2018 - 14/02/2019	
15	The Development of Liquid Sloss Suppression by using Hybrid Model-Free Fuzzy-PID Controller with Derivative Filter	MOHD ZAIDI BIN MOHD TUMARI - A SHAMSUL RAHIMI BIN A SUBKI - MOHAMMAD `AFIF BIN KASNO - MOHD SHAHRIEEL BIN MOHD ARAS - SHAHRIZAL BIN SAAT	PJP/2018/FTK(10B)	S01610	20,000.00	15/02/2018 - 14/02/2019	
16	Design and Implementation of High Power Low Cost Sine Wave Three-Level Multilevel Inverter.	A SHAMSUL RAHIMI BIN A SUBKI - AIMAN ZAKWAN BIN JIDIN - MOHAMMAD `AFIF BIN KASNO - MOHD ZAIDI BIN MOHD TUMARI - WAN NORHISYAM BIN ABD RASHID	PJP/2018/FTK(11A)	S01612	20,000.00	15/02/2018 - 14/02/2019	
17	EVALUATION OF JADE IN TIME CRITICAL WIRELESS APPLICATION FOR MOBILE RESTRICTED AREA	AHMAD SAYUTHI BIN MOHAMAD SHOKRI - MOHD ERDI BIN AYOB - MOHD RIDUAN BIN AHMAD - NORLEZAH BINTI HASHIM - ZANARIAH BINTI JANO	PJP/2018/FTK(12B)	S01627	7,000.00	15/02/2018 - 14/02/2019	
18	Dense 3D Perception Based On Stereo Matching Algorithm Over Network Stereo Images Applicable For IoT	ROSTAM AFFENDI BIN HAMZAH	PJP/2018/FTK(13C)	S01632	20,000.00	15/02/2018 - 14/02/2019	
19	EFFICIENT IMPROVEMENT OF ORTHOTIC INSOLE FOR FLAT FEET FOCUSING ON SPORT USAGE EVALUATED BY ELECTROMYOGRAPHY (EMG)	UMI HAYATI BINTI AHMAD - MOHD HIDAYAT BIN AB RAHMAN - NORASRA BINTI A.RAHMAN - NUR FARAH BAZILAH BINTI WAKHI ANUAR - NURUL AIN BINTI MAIDIN	PJP/2018/FTK(14D)	S01640	20,000.00	15/04/2018 - 14/04/2019	
20	Study on Mathematical Modelling of Energy Consumption for Energy Saving in Technology Campus, UTeM using Statistical Approach	NOR HAFIZAH BINTI HUSSIN - EZZATUL FARHAIN BINTI AZMI - KAMILAH BINTI JAFFAR - RAHAINI BINTI MOHD SAID - ROHAINA BINTI JAAFAR	PJP/2018/FTK(15A)	S01641	20,000.00	15/04/2018 - 14/04/2019	
21	Assessment of Aboveground Biomass and Carbon Stock in the Tropical Rainforest of Malaysia	EZZATUL FARHAIN BINTI AZMI - FAUZIAH BINTI KASMIN - NOR HAFIZAH BINTI HUSSIN - RAHAINI BINTI MOHD SAID - SHARIFAH SAKINAH BINTI SYED AHMAD	PJP/2018/FTK(16A)	S01642	20,000.00	15/04/2018 - 14/04/2019	
22	Formulation of Adaptive Algorithm for Asymptotic Tracking of an Electro-Hydraulic Actuator System in the Presence of Time-delay Phenomena.	ROZILAWATI BINTI MOHD NOR - ALIZA BINTI CHE AMRAN - CHONG SHIN HORNG - MUHAMMAD NIZAM BIN KAMARUDIN	PJP/2018/FTK(17C)	S01643	20,000.00	15/04/2018 - 14/04/2019	

		- SAHAZATI BINTI MD. ROZALI					
23	Improvement of Data Acquisition System (DAQ) for Optical Tomography System based on CMOS Area Image Sensor.	SUHAILA BINTI MOHD NAJIB - NORAIN BINTI RAHIM - NORFARIZA BINTI AB WAHAB - NURULIZWA BINTI ABDUL RASHID - ROSNAINI BINTI RAMLI	PJP/2018/FTK(18B)	S01645	20,000.00	15/04/2018 - 14/04/2019	
24	MTUN UMAR MDS-1 FACIAL ROBOT	ALIZA BINTI CHE AMRAN - MAHASAN BIN MAT ALI - MOHD BAZLI BIN BAHAR - RABIAH BINTI AHMAD - SHARIFAH SAKINAH BINTI SYED AHMAD - SYAMIMI BINTI SHAMSUDDIN	PJP/2018/FTK	S01647	30,000.00	10/04/2018 - 09/04/2019	AHMAD ZUHAIR UMARAH BIN SAMSER 01/10/2018 - 30/03/2019