

No	Email Address	Nama pensyarah	Bidang penyelidikan	Tajuk penyelidikan	Elaun	Tarikh penyelidikan bermula
1	herman@utm.my	Ts. Dr. Herman Wahid	Electronic instrumentation & AI	Water Quality Measurement System	Ada	Sept/Oct 2021
2	fuaad@utm.my	Mohd Fuaad Rahmat	Instrumentation	Flow identification using electrostatic sensors and artificial intelligence	Ada	Sept/Oct 2021
3	mdfairus@utm.my	Dr mohd fairus mohd yusoff	Radio frequency and Antenna design	Unit cell simulation of antenna	Ada	Sept/Oct 2021
4	shafis@utm.my	SHAFISHUHAZA SAHLAN	Control System	Automation in Process Control	Tiada	Sept/Oct 2021
5	nadiatulhuda@utm.my	Nadiatulhuda binti Zulkifli	Optical Networks	Security in Next Generation Passive Optical Access Networks	Ada	Sept/Oct 2021
6	kumeresan@utm.my	Ir. Dr. Kumeresan Danapalasingam	Robotics and Artificial Intelligence	Design and Development of a Semi-Autonomous Robot	Tiada	Sept/Oct 2021
7	razman.ayop@utm.my	Razman bin Ayop	Power Electronic and Renewable Energy	Emulator	Tiada	Sept/Oct 2021
8	rubita@utm.my	PROF IR DR RUBITA SUDIRMAN	Biosignal Processing	Features of brain rhythms during visual memorizing task and auditory stimuli using EEG	Ada	Sept/Oct 2021
9	shahidatulsadiyah@utm.my	SHAHIDATUL SADIAH BINTI ABDUL MANAN	Hardware Security	HASH function design for zero knowledge proof system	Ada	Sept/Oct 2021
10	rashidaharsat@utm.my	Rashidah Arsat	Acoustic Device	Acoustic Sensor for Uric Acid Detection	Ada	Sept/Oct 2021
11	herlina@utm.my	HERLINA ABDUL RAHIM	SENSOR TECHNOLOGY, SYSTEM INTELLIGENT	Waste water treatment using IOT	Ada	Sept/Oct 2021
12	michael@utm.my	PM Ts. Ir. Dr. Michael Tan Loong Peng	Electronic	Semiconductor Material Modeling	Tiada	Sept/Oct 2021
13	m-shafinaz@utm.my	Mastura Shafinaz binti Zainal Abidin	Electronics	Energy Storage Devices Characterization	Ada	Sept/Oct 2021
14	shafizah@utm.my	Sharifah hafizah Syed ariffin	Communication engineering	Security In mobile communication for autonomous vehicle	Tiada	Sept/Oct 2021
15	yusofnor@fke.utm.my	Muhammad Yusof Mohd Noor	Photonic Sensing	All-fiber vital signs monitoring based on modal-interference in coreless fiber	Tiada	Sept/Oct 2021
16	shahrin@fke.utm.my	Shahrin Md Ayob	Power Electronics	Multilevel Inverter	Tiada	Sept/Oct 2021
17	fazilah.hassan@utm.my	FAZILAH HASSAN	Control System	TILT CONTROL PERFORMANCE FOR HIGH SPEED TILTING TRAINS VIA INERTER INCORPORATING	Ada	Sept/Oct 2021
18	suhanasultan@utm.my	Suhana Mohamed Sultan	Fabrication, Simulation and Characterization of Nanoelectronic devices	Piezoelectric based Nanogenerator using ZnO/GaN FET	Tiada	Sept/Oct 2021
19	amirshamsudin@utm.my	Mohamad Amir Shamsudin	Vision-based Robotics	Vision-Based Recognition and Navigation for An Autonomous Waste Collector Surface Robot	Ada	Sept/Oct 2021
20	lcsiong@utm.my	Lim Cheng Siong	Robotics	Internet based telerobotic arm with haptic feedback	Ada	Sept/Oct 2021
21	norjulia@utm.my	Dr. Norjulia binti Mohamad Nordin	Power electronics	A Study on The Performance of Wide Bandgap Devices in DC-DC Power Converters	Ada	Sept/Oct 2021
22	rasyidah@fke.utm.mu	rasyidah mohamad idris	power system	enhancement of power transfer using optimization method	Tiada	Sept/Oct 2021
23	hadi@utm.my	Ab Al-Hadi Ab Rahman	IC Design	Optimizing VLSI Cell Placement	Ada	Sept/Oct 2021
24	nurulashikindaud@utm.my	NURUL ASHIKIN BINTI DAUD	optical device	photonic crystal as electro-optic modulator	Ada	Sept/Oct 2021
25	hadi@utm.my	Ab Al-Hadi Ab Rahman	Machine Learning	Convolutional Neural Network Models for Optical Character Recognition	Ada	Sept/Oct 2021
26	dalila@utm.my	Dalila binti Mat Said	Electrical Energy	Energy and Power Quality Audit	Tiada	Sept/Oct 2021
27	hyabdul-malik@utm.my	Abdul-Malik Haider Yusef Saad	Digital systems design	Implement fractal image compression on FPGA using OpenCL	Ada	Sept/Oct 2021
28	dalila@utm.my	Dalila Mat Said	Power Quality	Power Quality Measurement, Monitoring and Mitigation	Tiada	Sept/Oct 2021
29	mokhtarharun@utm.my	Mokhtar Harun	Acoustic and medical electronics	Characterization of frequency spectrum of breathing signals according to genders and BMI for a standard biometrics signatures	Ada	Sept/Oct 2021
30	mitra@utm.my	Mitr Mohd Addi	Medical electronics OR engineering education	Wearable phototherapy device OR student learning approach in project based learning...open for discussion for other topics within the field	Ada	Sept/Oct 2021
31	rijal@utm.my	Mohamad Rijal bin Hamid	Antenna design	5G Antenna Design	Tiada	Sept/Oct 2021
32	asrul@utm.my	Asrul Izam bin Azmi	Optical sensor and instrumentation	Development of Packaged Optical Fiber Sensor for Vital Signs Monitoring	Ada	Sept/Oct 2021
33	bruceleow@utm.my	DR. LEOW CHEE YEN (BRUCE)	Wireless Communication Centre	UAV Enabled Wireless Hotspot Development	Ada	Sept/Oct 2021
34	madihahmdrasid@utm.my	Madihah Md Rasid	power system, renewable energy	Energy Management System Strategy for Renewable Energy Application in Power System	Tiada	Sept/Oct 2021
35	azimi@utm.my	Mohd Saiful Azimi bin Mahmud	Mechatronics	A Study on Multi-Objective Gantry-based Plant Disease Identification System for Rock Melon Cultivation in Greenhouse Environment	Tiada	Sept/Oct 2021
36	zulfakar@utm.my	Dr. Zulfakar bin Aspar	Electronics and Computer Engineering	Parallel processing using PLC processor	Ada	Sept/Oct 2021
37	zulfakar@utm.my	Dr. Zulfakar bin Aspar	Electronics and Computer Engineering	PLC compiler and simulation using LLD and SIPN modeling	Ada	Sept/Oct 2021
38	noordini@utm.my	Nik Noordini Nik Abd Malik	Wireless Sensor Network	The Investigation of Collaborative Beamforming In Wireless Sensor Networks Based On Artificial Intelligence Algorithm	Ada	Sept/Oct 2021
39	noordini@utm.my	Nik Noordini Nik Abd Malik	Internet of Things (Smart Grid)	Smart kWh monitoring and control of home appliances via Internet of Things (IoT)	Ada	Sept/Oct 2021
40	noordini@utm.my	Nik Noordini Nik Abd Malik	Wireless Body Area Network Antenna	INTRA-BODY SUBSTRATE INTEGRATED WAVEGUIDE (SIW) ANTENNA PERFORMANCE AND SAR FOR WIRELESS BODY AREA NETWORKS (WBANS) IN HEALTHCARE MONITORING APPLICATIONS	Ada	Sept/Oct 2021
41	mdridzuan@utm.my	Assoc. Prof. Ir. Dr. Mohd Ridzuan Ahmad	Micro-nano System Engineering	Portable microfluidic device for water quality monitoring based on capacitance measurement.	Ada	Sept/Oct 2021
42	amirjan@utm.my	Amirjan bin Nawabjan	Renewable energy material	Polymer conducting nanocomposites as phase change material for PV module cooling	Tiada	Sept/Oct 2021
43	syednorazizul@utm.my	SYED NORAZIZUL BIN SYED NASIR	POWER ENGINEERING	Real time grid tap-changer step based on sensitive network simulation using metaheuristic technique.	Tiada	Sept/Oct 2021
44	mrashidi@utm.my	DR MOHD RASHIDI BIN SALIM	OPTICAL COMMUNICATION	FIBER OPTIC CHEMICAL SENSOR	Ada	Sept/Oct 2021
45	afzan@utm.my	Dr. Mohd Afzan Othman	Biosignal Processing & biomedical engineering	Self Stress Test for Early Heart Diagnosis	Ada	Sept/Oct 2021
46	norainiz@utm.my	Dr. Nor Aini Zakaria	Biosignal Processing & biomedical engineering	EMG Signal Analysis for Cerebral Palsy Children	Ada	Sept/Oct 2021