No	Supervisor					Title 1		Title 2		Title 3		Title 4	
	Name	Department	Email (@utm.my)	Phone No.	i-Kohza								
1	AZURA BINTI HAMZAH (ASSOC. PROF. IR. DR.)	ESE	azurahamzah@utm.my	017-3790072	ODESY	Machine learning for Q-switched Erbium Doped Fiber Laser	FATHIN INSYIRAH BINTI JALIL	Generating Q-switched Erbium doped fiber laser in linear cavity.	Apply	Modeling of D-Shaped Optical fiber using Ansys Lumerical	Apply		
2	ABDUL MANAF BIN HASHIM (PROF. TS. IR. DR.)	ESE	abdmanaf@utm.my	0174884845	ADME	Fabrication of Three Branch Junction Microdevice	Apply	Simulation of Three Branch Junction Microinverter	Apply	Fabrication of Zinc Oxide Sensor	Apply		
3	YOSHIHIDE YAMADA (PROF. DR.)	ESE	yoshihide@utm.my	0169718976	CSN	Measurement of radio propagation attenuation in the undersea condition	WILLI TIEN YEE HONG	Measurement of radar cross section for a missile model at 40 GHz	Apply	Electromagnetic simulations for multi beam radiation patterns of spherical reflector with shaped sub reflector	KHOO CHIA CHING		
4	SHAHRUM SHAH BIN ABDULLAH (ASSOC. PROF. DR.)	ESE	shahrum@utm.my	0178794537	BIO-IST	Deep Learning for Real-time Water Pollution Detection	Apply	Automated Pest Detection and Classification in Agriculture	Apply	AI-Enhanced Structural Health Monitoring	MOK WENYI	Sensor Fusion and PID Control for Quadcopter Hovering	LIM MING JUN
5	MOHD FITRI BIN MOHD YAKUB (DR.)	ESE	mfitri.kl@utm.my	01152214962	WIND	Development of low-cost detection and warning system for landslide using IoT and WSN	NURUL NATASHA WAHIDA BINTI ABDUL JALI	Modeling and optimization of an ocean thermal energy conversion system	NURDAYANA NATASHA BINTI MOHD JOHAN	Development of automotive systems and the Internet of Things through Qualcomm platform	Apply	EDGE-BASED SENSOR FUSION FOR RELIABLE ENVIRONMENT PERCEPTION	UMAIRAH AZZAHRA BINTI ZAIDI
6	OOI CHIA YEE (ASSOC. PROF. IR. DR.)	ESE	ooichiayee@utm.my	0127823819	Embedded System	Hardware-Software Co-Design and Implementation of Convolutional Neural Networks on Field Programmable Gate Array	Apply	Low Power Out-of-Order RISC-V Processor Design	TAN WEE HONG	Design of Lightweight CLEFIA for Secure RISC-V based System-on-Chip	YEO QI HONG		
7	MOHD IBRAHIM SHAPIAI (ASSOC. PROF. TS. DR.)	ESE	md_ibrahim83@utm.my	+60197185199	CAIRO	CRM System using OpenAI ChatGPT	MUHAMMAD THAQIF IMAN BIN MOHD TAUFEK	Thermal Defect Inspection for RMU using AI Segmentation	Apply	Plant Disease Detection using YOLO AI	TAN JIN HONG		
8	MOHD AZIZI BIN ABDUL RAHMAN (ASSOC. PROF. DR.)	ESE	azizi.kl@utm.my	0176260250	Advance Vehicle System (AVS)	Indoor maps generator using 2D lidar with ROS framework	BONG SHENG FENG	Estimated distance measurement using YOLO frameworks for rear vehicles pre-collision alert	CHUA KAH TAK	Design of a PID speed controller for a vertical hydroponics tower	Apply		
9	MOHD HATTA MOHAMMED ARIFF (DR.)	ESE	mohdhatta.kl@utm.my	0164308495	Advance Vehicle System (AVS)	Enhancing plant disease detection using machine learning for smart plantation	Pending for Approval	Development of Early Detection Model for Transformer Health Index Classification	Pending for Approval	Vehicle yaw rate estimation based on road lane detection	Apply		
10	ZOOL HILMI BIN ISMAIL (ASSOC. PROF. IR. DR.)	ESE	zool@utm.my	0199816001	CAIRO	Collaborative Drone System for Monitoring Operation	SYAHMI HARITH HAKIM BIN HAMZIRI	Gesture-controlled Pepper Robot using AI	Pending for Approval	ROS2 Wrapper and ChatGPT for Robot Controlled System	TEE KHEK HENG		
11	RASLI BIN ABD GHANI (DR.)	ESE	rasli.kl@utm.my	0192764551	ADME	DESIGN OF ROOF VENTILATION SYSTEM FOR HARVESTING ELECTRICAL ENERGY USING PIEZOELECTRIC DEVICES	Apply	DESIGN OF AIFIS FOR LOCATING PRECISE FAULT PPINT WITH COORDINATE GEOMETRIC IN DISTRIBUTION SYSTEM	Apply	DESIGN FOR LOCATING PRECISE FAULTS POINTS WITH LATITUDE AND LONGITUDE IN A TEST DISTRIBUTION SYSTEM	Apply		
12	KAIYISAH HANIS BINTI MOHD AZMI (DR.)	ESE	kaiyisahhanis@utm.my	+603-22031318 (whatsapp only)	SEiR	Design of Intelligent Resource Allocation for Enhanced Vehicle-to-Anything Communications in 5G Networks	Apply	Investigation of Enhanced Vehicular Localization through Sidelink Measurements	Apply	Performance Evaluation of Sidelink-based Vehicular Positioning Algorithms	Apply		
13	SUMIATY BINTI AMBRAN (IR. DR.)	ESE	sumiaty.kl@utm.my	01126276594	ODESY	PDMS-Coated FBG for stuctural health monitoring	Apply	D-shaped optical fiber for sensing application	Apply	PDMS-coated FBG sensor for water flow rate monitoring	Pending for Approval	Water river quality monitoring using D-shape fiber	Pending for Approval
14	FAUZAN BIN AHMAD (DR.)	ESE	fauzan.kl@utm.my	0123337231	Advance Vehicle System (AVS)	SPLIT-STEP FOURIER TRANSFORM METHOD IN MODELING OF Q-SWITCHED PULSE PROPAGATION IN ERBIUM DOPED FIBER LASER	Apply	EXTENDED SPLIT-STEP FOURIER TRANSFORM APPROACH FOR CHARACTERIZATION OF SOLITON PROPAGATION ERBIUM DOPED FIBER LASER	Apply	FIBER BRAGG GRATING BASED OPTICAL WEIGHT MEASUREMENT	Apply		
15	KAMILIA BINTI KAMARDIN (IR. DR.)	ESE	kamilia@utm.my	0133301660	CSN	Measurement of implantable patch antenna for biomedical applications	Apply	Measurement of textile patch antenna for body communication	Apply	Focal Region Ray Tracing of Metamaterial Lens Antenna	Apply		
16	SITI RAHMAH BINTI AID (DR.)	ESE	sitirahmah.aid@utm.my	0138510879	Takasago	Synthesis of gold nanoparticles/nanofluid using green synthesis method for solar energy harvesting	Apply	Germanium surface hydrophilicity using wet chemical treatment	Apply	Comparative study of fertilizer usage on paddy growth for smart farming	Apply		
17	HUSNI HANI JAMEELA BINTI SAPINGI (DR.)	ESE	husnihani@utm.my	0133500438	ODESY	Performance Analysis of Q-Switched Fiber Laser with Saturable Absorber	MUHAMMAD QHAIYYUM FAHMIE BIN AMAT	Analysis of adulteration in petrol using FBG sensor	ABDE HYLMI SAKA PERSADA	Performance Analysis of Passively Q-Switched fiber laser based on Saturable Absorber.	Apply		
18	MOHD AZLAN BIN ABU (IR.TS.DR)	ESE	mohdazlan.abu@utm.my	0126512399	CAIRO	Paddy Yield prediction using Machine Learning Model	EZAIDI BIN MUSTAFA	Development Of Machine Learning Model to Detect Failure in Uninterruptible Power Supply (UPS)	NUR AMIZA RAZANAH BINTI ROSDI	Long Range Low Power Sensor Networks using STM32 ARM Cortex MCU for Agricultural Applications	Pending for Approval		