

Listing Active Projects (Trimester March 2024)

Project ID	Title	Offered By	Majors	Needed	Assigned	Views	Active
5225	Secrecy Capacity Utilizing Reconfigurable Intelligent Surface (RIS) for 6G	Azwan bin Mahmud	TE	1	0	63	Yes
5224	Energy Harvesting Utilizing Reconfigurable Intelligent Surface (RIS) for 6G	Azwan bin Mahmud	TE,CE	1	0	95	Yes
5149	Cellular Capacity Improvement Utilizing Reconfigurable Intelligent Surface (RIS) for 6G	Azwan bin Mahmud	TE	1	0	263	Yes
5264	Design a Phase truncation in direct digital synthesisers for Digital beam forming	C.Senthilpari	TE	1	0	15	Yes
5263	Design a Dual-Down-Conversion Receiver	C.Senthilpari	EE	1	0	15	Yes
4874	Design a low gate add select comparative circuit for turbo decoder architecture	C.Senthilpari	EE	1	0	434	Yes
4600	Design a 24GHZ In-phase and quadrature down converter for communication system	C.Senthilpari	EE	1	0	554	Yes
5408	Investigating the Influence of Polymer Overlays for TiO₂-based Memory Devices	Chan Kah Yoong	EE,NT	1	0	0	Yes
5407	Exploring the Potential of Polymer-TiO₂ for Memory Devices	Chan Kah Yoong	EE,NT	1	0	0	Yes
5341	Smart Eco-Farm Enabled by IoT	Chan Kah Yoong	EE,CE,NT	1	0	20	Yes
5274	IoT Enabled PDLC Switchable Films For Smart Glass Applications	Chan Kah Yoong	EE,NT	1	0	17	Yes

5267	IoT Enabled Water Level Surveillance System	Chan Kah Yoong	EE,CE,NT	1	0	95	Yes
5174	IoT Smart Agriculture System Based on LoRa	Chan Kah Yoong	EE,CE,NT	1	0	183	Yes
4981	Smart Home IoT Automation Controller with Energy Monitoring Features	Chan Kah Yoong	EE,NT	1	0	423	Yes
4977	Development of An IoT Enabled Thermal Detector System	Chan Kah Yoong	EE,NT	1	0	351	Yes
4941	Influence of Grow Lights on the Indoor Hydroponic Farming	Chan Kah Yoong	EE,NT	1	0	365	Yes
4940	Smart Electrochromic Devices Based on IoT	Chan Kah Yoong	EE,CE,NT	1	0	396	Yes
4939	Fabrication and Characterization of DSSC Solar Cells and Modules	Chan Kah Yoong	EE,NT	1	0	339	Yes
4637	Development of Smart Controllers for Electronics Devices in Agrotechnology Applications	Chan Kah Yoong	EE,NT	1	0	682	Yes
4636	Development of Pest Repellent System for Farming Applications	Chan Kah Yoong	EE,NT	1	0	640	Yes
4622	Nanotechnology Solutions for Smart Farming Applications	Chan Kah Yoong	EE,NT	1	0	641	Yes
4298	Sol-Gel Processing of ZnO and Doped ZnO Nanostructures for Sensing Applications	Chan Kah Yoong	EE,NT	1	0	755	Yes
4297	Sol-Gel Processing of ZnO and Doped ZnO films for Sensing Applications	Chan Kah Yoong	EE,NT	1	0	687	Yes
4296	Aqueous Solution Processed Transparent	Chan Kah Yoong	EE,NT	1	0	803	Yes

	<u>Conducting Oxide (TCO) Films and Nanostructures</u>						
4295	<u>Fabrication and Characterization of ZnO Humidity Sensors</u>	Chan Kah Yoong	EE,NT	1	0	761	Yes
4294	<u>Fabrication and Characterization of Dye-Sensitized Solar Cells (DSSCs)</u>	Chan Kah Yoong	EE,NT	1	0	899	Yes
4293	<u>Device Simulation of MOS Transistors</u>	Chan Kah Yoong	EE,NT	1	0	872	Yes
5410	<u>Time-Frequency Based Feature Extractions For The Classification of Power Tools Vibration Signals</u>	Choo Kan Yeep	TE,EE,CE	1	0	0	Yes
5409	<u>Time-Frequency Based Feature Extractions For The Classification of Hand Tools Vibration Signals</u>	Choo Kan Yeep	TE,EE,CE	1	0	0	Yes
4847	<u>Develop a smart pest classification and control robot based on machine learning technique</u>	Choo Kan Yeep	TE,EE,CE	1	0	471	Yes
4520	<u>Development of a smart acoustic tracking device for biodiversity and environmental monitoring</u>	Choo Kan Yeep	TE,EE,CE	1	0	716	Yes
5329	<u>Intelligent User Association for Slicing-Aware 5G and Beyond Heterogeneous Networks</u>	Chuah Teong Chee	TE,EE,CE	1	0	9	Yes
5257	<u>Optimization of user association for load balancing in 5G heterogeneous network-slicing-enabled networks</u>	Chuah Teong Chee	TE,EE,CE	1	0	25	Yes
5254	<u>Pest detection for smart farming using deep learning</u>	Chung Gwo Chin	CE,BSc(IR)	1	0	65	Yes
5251	<u>Performance study of machine learning based equalisation</u>	Chung Gwo Chin	TE	1	0	16	Yes

	<u>for 5G millimeter-wave</u>						
5197	<u>Suicide prediction in Malaysia using deep learning based voice recognition</u>	Chung Gwo Chin	CE,BSc(IR)	1	0	198	Yes
5026	<u>Performance evaluation of SS-Rake receiver with G-MBER equalisation for dense multipath channels</u>	Chung Gwo Chin	TE	1	0	277	Yes
5227		Fabian Kung Wai Lee	TE,EE,CE	1	0	43	Yes
3182	<u>High performance microwave voltage controlled oscillator design</u>	Fabian Kung Wai Lee	TE,EE	1	0	668	Yes
5321	<u>Machine Learning for Channel Modeling</u>	Foo Yee Loo	TE,EE,CE	1	0	20	Yes
5319	<u>Federated Learning for Healthcare System</u>	Foo Yee Loo	TE,EE,CE	1	0	21	Yes
5314	<u>A practical method to test discarded EV batteries for Valuation</u>	Gobbi Ramasamy	LE	1	0	19	Yes
5196	<u>Economic Analysis of Second life EV Battery for Street Lights</u>	Gobbi Ramasamy	EE,LE	1	0	127	Yes
5194	<u>Feasibility Study on Electric Vehicle Second Life Battery for PV Energy Storage System</u>	Gobbi Ramasamy	EE,LE	1	0	145	Yes
5193	<u>Power over Fiber for 5G small cells</u>	Gobbi Ramasamy	EE,LE,OPE	1	0	120	Yes
5401	<u>Hot Car Death Prevention System (Forgotten Baby Syndrome)</u>	Goh Vik Tor	EE,CE	1	0	0	Yes
5355	<u>Shoulder Surfing Resistant Authentication Scheme</u>	Goh Vik Tor	CE	1	0	15	Yes
5118	<u>Moderating High Quality Reviews using Natural Language Processing</u>	Goh Vik Tor	CE	1	0	67	Yes
5332	<u>Mosquito Breeding</u>	Hezerul Abdul	TE,EE,CE	1	0	26	Yes

	Grounds Detections	Karim					
4857	Physical characterization of oil palm content in oil palm fresh fruit bunch	Katrina D. Dambul	CE	1	0	420	Yes
4856	Optical characterization of oil palm content in oil palm fresh fruit bunch	Katrina D. Dambul	NT	1	0	396	Yes
4165	Design of Gridded Square(GDS) Frequency Selective Surfaces(FSS) with Particle Swarm Optimisation Coupled with Equivalent Circuit Model	Lee Ching Kwang	OPE,MCE	1	0	547	Yes
3497	Patch Antenna for Ultra Wideband Applications(UWB)	Lee Ching Kwang	MCE	1	0	818	Yes
5303	The Emulation of RISC-V Boot Program using FPGA	Lee Chu Liang	EE,CE,NT	1	0	24	Yes
5297	The Analysis of Analog AI Training and Inference	Lee Chu Liang	EE,CE,NT	1	0	25	Yes
3981	Projects related to the design, analysis and/or implementation of wireless and optical communication systems	Lee It Ee	TE,EE,OPE	1	0	1002	Yes
5364	Flood monitoring using remote sensing approach	Lim Sin Liang	TE,CE	1	0	29	Yes
4885	Synthesis and Characterizations of Transition-Metal Oxides for Dye-Sensitized Solar Cell (DSSC) Application	Low Pei Ling	NT	1	0	304	Yes
5185	Self-Optimization in 4G Heterogeneous Networks	Mardeni Bin Roslee	TE,EE,CE	1	0	133	Yes
5184	Internet of Things of 5G Long Range Wide Area Network	Mardeni Bin Roslee	TE,EE,CE	1	0	187	Yes

5183	<u>Analysis of Heterogeneous Networks For 5G Systems</u>	Mardeni Bin Roslee	TE,EE,CE	1	0	146	Yes
4722	<u>Study of adaptive Data Radio for LORAWAN-based infrastructure</u>	Mardeni Bin Roslee	TE,EE,CE	1	0	391	Yes
4720	<u>Algorithm for Security Threats on Data Centers in IoT Networks</u>	Mardeni Bin Roslee	TE,EE,CE	1	0	446	Yes
4719	<u>Efficient Spectrum Utilization of 4G/5G D2D Communication</u>	Mardeni Bin Roslee	TE,CE,LE	1	0	379	Yes
4718	<u>Smart Attendance System in classroom</u>	Mardeni Bin Roslee	TE,CE,LE	1	0	694	Yes
4343	<u>Vehicle to vehicle wireless communication</u>	Mardeni Bin Roslee	TE,CE,LE	1	0	890	Yes
5351	<u>VLSI design of an Expert system for diagnostics of manufacturing equipment.</u>	Md. Shabiul Islam	EE,NT	1	0	3	Yes
5349	<u>Design a Piezoelectric cantilever for Energy Harvesting System using Mechanical Vibration for biomedical device.</u>	Md. Shabiul Islam	EE,ME,NT	1	0	2	Yes
5327	<u>Design and implementation of the suitable hybrid solar and wind Energy Harvesting system using PSPICE software for Ubiquitous device.</u>	Md. Shabiul Islam	EE,NT	1	0	7	Yes
5326	<u>Design a Piezoelectric cantilever for Energy Harvesting System using Mechanical Vibration for biomedical device.</u>	Md. Shabiul Islam	EE,NT	1	0	3	Yes
5276	<u>Design a Piezoelectric cantilever for Energy Harvesting</u>	Md. Shabiul Islam	EE,NT	1	0	17	Yes

	<u>System using Mechanical Vibration for biomedical device.</u>						
5275	<u>To design and implementation of the suitable hybrid solar and wind Energy Harvesting system using PSPICE software for Ubiquitous device.</u>	Md. Shabiul Islam	EE,NT	1	0	19	Yes
5202	<u>Design and Simulation of a hybrid Solar and Wind Energy Harvesting System for Ubiquitous Device.</u>	Md. Shabiul Islam	EE,NT	1	0	101	Yes
5201	<u>Design a Piezoelectric cantilever for Energy Harvesting System using Mechanical Vibration for hearing aid device.</u>	Md. Shabiul Islam	EE,NT	1	0	107	Yes
5113	<u>Design a Piezoelectric cantilever for Energy Harvesting System using Mechanical Vibration for hearing aid device.</u>	Md. Shabiul Islam	EE,NT	1	0	169	Yes
5112	<u>Design and Simulation of a hybrid Solar and Wind Energy Harvesting System for Ubiquitous Device.</u>	Md. Shabiul Islam	EE,NT	1	0	179	Yes
5348	<u>Infection and Moisture Classification for Wound Assessment</u>	Mohammad Faizal Ahmad Fauzi	EE,CE,BSc(IR)	1	0	10	Yes
5347	<u>Necrosis and Slough Detection for Wound Assessment</u>	Mohammad Faizal Ahmad Fauzi	EE,CE,BSc(IR)	1	0	10	Yes
5328	<u>Breast Cancer Scoring in PR-IHC Histopathology Images</u>	Mohammad Faizal Ahmad Fauzi	EE,CE,BSc(IR)	1	0	6	Yes
5131	<u>Breast Cancer</u>	Mohammad	EE,CE,BSc(IR)	1	0	224	Yes

	<u>Scoring in HER2-IHC Histopathology Images</u>	Faizal Ahmad Fauzi					
5368	<u>Home Based Action Recognition System on Embedded System</u>	Mohd Haris Lye Abdullah	TE,EE,CE	1	0	21	Yes
4006	<u>Development of Fibre Optic Sensors Based on Macrobending</u>	Mohd Ridzuan Mokhtar	TE,OPE	1	0	713	Yes
4003	<u>Study of Bending Effect on Long Period Grating</u>	Mohd Ridzuan Mokhtar	TE,OPE	1	0	810	Yes
4002	<u>Development of Software for Multiple Peak Detection of Optical Spectrum</u>	Mohd Ridzuan Mokhtar	TE,OPE	1	0	667	Yes
4001	<u>Design and Development of Fibre Optic Sensor based on Etched Cladding.</u>	Mohd Ridzuan Mokhtar	TE,OPE	1	0	787	Yes
4000	<u>Design and Development of Fabry-Perot Fibre Sensors</u>	Mohd Ridzuan Mokhtar	TE,OPE	1	0	692	Yes
3999	<u>Development of Fiber Optic Sensors based on Shape Memory Alloy</u>	Mohd Ridzuan Mokhtar	TE,OPE	1	0	658	Yes
3998	<u>Study of Localized Macrobending Effect on Chirped Fibre Bragg Grating</u>	Mohd Ridzuan Mokhtar	TE,OPE	1	0	889	Yes
5412	<u>AI Empowered Positioning Technique for Dynamic Indoor Environments</u>	Ng Yin Hoe	EE,CE,BSc(IR)	1	0	0	Yes
5411	<u>AI-Enabled Smart Surveillance Drone</u>	Ng Yin Hoe	EE,CE,BSc(IR)	1	0	0	Yes
5372	<u>Stock Price Prediction Using Artificial Intelligence</u>	Ng Yin Hoe	CE,LE,BSc(IR)	1	0	4	Yes
5371	<u>Artificial Intelligence for Cryptocurrency Price Prediction</u>	Ng Yin Hoe	TE,EE,CE	1	0	7	Yes
5361	<u>AI Driven Autonomous Drone Navigation</u>	Ng Yin Hoe	TE,EE,BSc(IR)	1	0	0	Yes

5360	Label-Efficient Deep Learning Based Indoor Localization Using Wireless Signals	Ng Yin Hoe	TE,CE,LE	1	0	0	Yes
5342	Contactless Human Activity Recognition Using Deep Learning	Ng Yin Hoe	EE,CE,LE	1	0	4	Yes
5289	Development of Measurement Tool for Wireless Channel State Information	Ng Yin Hoe	TE,EE,CE	1	0	13	Yes
5285	Energy-Efficient Base Station Switching Technique for Heterogeneous Networks	Ng Yin Hoe	TE,EE,CE	1	0	14	Yes
5284	Clustering Based Indoor Positioning Using Wi-Fi Signals	Ng Yin Hoe	TE,EE,CE	1	0	13	Yes
5283	Hybrid Fingerprinting Based Localization Using Wireless Signals	Ng Yin Hoe	TE,EE,CE	1	0	15	Yes
5247	AI-Powered Smart Drone With Facial Recognition	Ng Yin Hoe	TE,EE,CE	1	0	50	Yes
5246	A Drone Based Human Tracking System Using Machine Learning	Ng Yin Hoe	CE,LE,NT	1	0	46	Yes
5243	Development of Indoor Navigation System	Ng Yin Hoe	TE,EE,NT	1	0	28	Yes
5241	Human Activity Recognition Using Channel State Information	Ng Yin Hoe	TE,EE,NT	1	0	26	Yes
5240	Machine Learning Based Human Activity Recognition	Ng Yin Hoe	CE,LE,NT	1	0	36	Yes
5238	Edge Machine Learning for Resource-Constrained AI-Enabled IoT Devices	Ng Yin Hoe	TE,EE,CE	1	0	40	Yes
5233	Machine Learning Based Energy	Ng Yin Hoe	CE,LE,NT	1	0	40	Yes

	<u>Management System For Smart Home</u>						
5232	<u>Machine Learning Based Risk Assessment for Autonomous Vehicles</u>	Ng Yin Hoe	TE,EE,CE	1	0	43	Yes
5231	<u>Intelligent Access Point Selection for Hybrid Indoor Localization Systems</u>	Ng Yin Hoe	TE,EE,NT	1	0	47	Yes
5230	<u>Radio Map Interpolation for Fingerprinting-Based WiFi/BLE Localization Systems</u>	Ng Yin Hoe	CE,LE,NT	1	0	48	Yes
5229	<u>Machine Learning Based User Clustering for 5G NOMA Systems</u>	Ng Yin Hoe	TE,CE,NT	1	0	57	Yes
5207	<u>Low-Complexity Deep Learning Technique for Fingerprinting Based Indoor Localization</u>	Ng Yin Hoe	LE,NT,BSc(IR)	1	0	130	Yes
5206	<u>Received Signal Strength-Based Wireless Positioning Using Convolutional Neural Networks</u>	Ng Yin Hoe	TE,EE,CE	1	0	89	Yes
5205	<u>Semi-Supervised Machine Learning Based Indoor Localization Techniques</u>	Ng Yin Hoe	CE,LE,NT	1	0	107	Yes
5115	<u>Improved K-Nearest Neighbour Techniques for Wireless Indoor Positioning Using WiFi</u>	Ng Yin Hoe	TE,CE,LE	1	0	187	Yes
5114	<u>Radio Map Interpolation for Machine Learning Based Wireless Localization</u>	Ng Yin Hoe	TE,CE,LE	1	0	143	Yes
5108	<u>Support Vector Machine Based Wireless Indoor Localization</u>	Ng Yin Hoe	EE,LE,NT	1	0	143	Yes

4946	Received Signal Strength-Based Indoor Localization Using Extreme Learning Machine	Ng Yin Hoe	EE,CE,LE	1	0	262	Yes
4763	Machine Learning Based Indoor Trajectory Tracking System	Ng Yin Hoe	TE,LE,NT	1	0	495	Yes
4749	Machine learning Based Real-Time Workforce Tracking System	Ng Yin Hoe	TE,EE,LE	1	0	388	Yes
4484	Linear precoding techniques for downlink multi-user MIMO systems	Ng Yin Hoe	TE,EE,CE	1	0	584	Yes
4303	Interference Alignment for High-Speed Communication Systems	Ng Yin Hoe	TE,EE,CE	1	0	738	Yes
2457	Transmission line modeling	Ngu Eng Eng	LE	1	0	1334	Yes
2456	Development of a new and accurate dynamic arc model	Ngu Eng Eng	LE	1	0	1043	Yes
5366	Development of an Arduino-based chemical sensor for water quality monitoring	Nisha Kumari Devaraj	EE,NT	1	0	2	Yes
5280	Titanium dioxide coated magnetite nanoparticles for photocatalytic degradation of textile dye	Nisha Kumari Devaraj	NT	1	0	6	Yes
5136	Predictive modelling of arsenate equilibrium adsorption parameters	Nisha Kumari Devaraj	NT	1	0	169	Yes
4810	Properties of metal-oxide nanoparticles for nanofluid in solar energy systems	Nisha Kumari Devaraj	NT	1	0	346	Yes
4809	Iron oxide nanoparticles for magnetic storage applications	Nisha Kumari Devaraj	NT	1	0	323	Yes
5396	High performance	Noorlindawaty	TE	1	0	0	Yes

	<u>of Normal-Mode Helical Antenna for RFID application</u>	bt Md. Jizat					
5395	<u>Design and development of Electromagnetic Band Gap (EBG) Butler Matrix at 28 GHz</u>	Noorlindawaty bt Md. Jizat	TE	1	0	0	Yes
5394	<u>Design of wearable patch antenna for wireless surveillance monitoring</u>	Noorlindawaty bt Md. Jizat	TE	1	0	0	Yes
5393	<u>Development of patch antenna for underground wireless communication</u>	Noorlindawaty bt Md. Jizat	TE	1	0	0	Yes
4575	<u>A planar metamaterial antenna for millimeter wave communication</u>	Noorlindawaty bt Md. Jizat	TE	1	0	530	Yes
5260	<u>Comparison between the Use of Enhancement Materials against Ground Electrodes</u>	Normiza bt Mohamad Nor	LE	1	0	18	Yes
5259	<u>Enhancement Materials in Different Soil Resistivity</u>	Normiza bt Mohamad Nor	LE	1	0	22	Yes
5190	<u>Comparisons of Ground Resistance Formulas for Two Layer Soil Structure</u>	Normiza bt Mohamad Nor	LE	1	0	105	Yes
5105	<u>Finite Element Method (FEM) Simulation for Various Grounding Designs</u>	Normiza bt Mohamad Nor	LE	1	0	172	Yes
4931	<u>Determination the correlation between the earth resistance and soil compaction and settlement</u>	Normiza bt Mohamad Nor	LE	1	0	290	Yes
4930	<u>Investigations on inductive effect in large earth electrode under transients</u>	Normiza bt Mohamad Nor	LE	1	0	264	Yes
4733	<u>Effect of placement of remote earth on the characteristics</u>	Normiza bt Mohamad Nor	LE	1	0	375	Yes

	<u>of earthing systems under impulse</u>						
4732	<u>Effect of large electrode with low ohmic value under transients</u>	Normiza bt Mohamad Nor	LE	1	0	353	Yes
4605	<u>Determination of breakdown voltage for different soil media</u>	Normiza bt Mohamad Nor	LE	1	0	582	Yes
4604	<u>Soil Characteristics at Variable Frequency, and at DC</u>	Normiza bt Mohamad Nor	LE	1	0	564	Yes
3581	<u>Characterisations of Earthing Systems under steady-state and impulse conditions</u>	Normiza bt Mohamad Nor	LE	1	0	1196	Yes
5346	<u>Assembly Workbench for FreeCAD</u>	Nurul Nadia Ahmad	EE,CE	1	0	3	Yes
5345	<u>Controlling 3D CAD with Smalltalk</u>	Nurul Nadia Ahmad	EE,CE	1	0	6	Yes
5191	<u>A Weibull-Fréchet Non-local Model for Electron and Hole Impact Ionization in Semiconductors</u>	Ong Duu Sheng	EE,NT	1	0	103	Yes
5117	<u>Design of AlAsSb Linear Mode Single-type Carrier Multiplication Avalanche Photodiodes</u>	Ong Duu Sheng	EE,NT	1	0	160	Yes
5078	<u>IoT Based Bedsore Prevention Positioning System for Nursing Home</u>	Ooi Chee Pun	TE,EE,CE	1	0	458	Yes
5343	<u>DigitalTwins using C++ and Smalltalk</u>	Sarina Mansor	TE,EE,CE	1	0	25	Yes
4836	<u>Designing and Building an Intelligent Fuel Economical Vehicle Piggyback ECU</u>	Shashikumar A/L Krishnan	TE,EE,LE	1	0	602	Yes
5378	<u>Fabrication of ZnO based pH sensor</u>	Sin Yew Keong	NT	1	0	3	Yes
5406	<u>SWOT Analysis of Nuclear Power in Malaysia: An Electrical</u>	Siow Chun Lim	LE	1	0	0	Yes

	<u>Engineering Perspective</u>						
5405	<u>Development of Lightning Risk Assessment Tool Based on IEC 62305-2 Edition 3</u>	Siow Chun Lim	CE,LE,BSc(IR)	1	0	0	Yes
5404	<u>Lifecycle Assessment of Biodiesel from Waste Cooking Oil as Fuel for Fishing Boat</u>	Siow Chun Lim	CE,LE,BSc(IR)	1	0	0	Yes
5376	<u>Stable multiwavelength fiber laser (MWFL) using thulium doped fiber (TDF) based on Mach Zehnder interferometer (MZI).</u>	Siti Azlida bt Ibrahim @ Ghazali	TE,EE	1	0	1	Yes
5129	<u>Simulation of optical fiber coated with a cobalt layer for magnetic field sensing application</u>	Siti Azlida bt Ibrahim @ Ghazali	TE,OPE,NT	1	0	181	Yes
4958	<u>Simulation of Rayleigh backscattering in silica optical fiber for sensing application</u>	Siti Azlida bt Ibrahim @ Ghazali	TE,OPE	1	0	282	Yes
3953	<u>Characterization of gold coated tapered multimode fiber for refractive index sensing application</u>	Siti Azlida bt Ibrahim @ Ghazali	OPE,NT	1	0	877	Yes
5273	<u>A study on Critical Machine Type Communication Use Cases</u>	Siva Priya Thiagarajah	TE,CE	1	0	26	Yes
5403	<u>Electric Vehicle Battery Modelling</u>	Tan Ai Hui	LE	1	0	0	Yes
5402	<u>Kernel-Based Identification of a Cooling System</u>	Tan Ai Hui	EE,LE	1	0	0	Yes
5413	<u>Optimising the Integration of Electric Vehicles and Renewable Energy into the Distribution Grid</u>	Tan Wooi Nee	CE,LE	1	0	0	Yes
5317	<u>Deep Learning Algorithm in</u>	Tan Wooi Nee	EE,CE,LE	1	0	38	Yes

	<u>Optimising the Air-conditioning Temperature</u>						
5046	<u>Optimizing Energy Efficiency in Heterogeneous Networks</u>	Tan Wooi Nee	TE,CE	1	0	259	Yes
4951	<u>Impact Analysis of Integration of Electric Vehicle and Renewable Energy on the Distribution Grid</u>	Tan Wooi Nee	CE,LE	1	0	419	Yes
5398	<u>Predicting Water Potability Using Machine Learning Techniques</u>	Tan Yi Fei	CE,NT	1	0	0	Yes
4831	<u>Simulation of Digital Communications Using Scilab</u>	Teh Chin Hui	TE,MCE	1	0	360	Yes
5369	<u>Indoor Localization Systems Using Passive UHF RFID Tag</u>	Tiang Jun Jiat	TE,EE,CE	1	0	10	Yes
5365	<u>Design of Bandpass FSS in Hard-Coated Glass for Transmission Improvement of RF Signals</u>	Tiang Jun Jiat	TE,EE,CE	1	0	5	Yes
5097	<u>Analytical Framework of Hybrid Beamforming in Multi-Cell Millimeter-Wave Systems</u>	Tiang Jun Jiat	TE,EE,CE	1	0	179	Yes
5065	<u>FPGA Controlled Reconfigurable Antenna</u>	Tiang Jun Jiat	TE,EE,CE	1	0	270	Yes
4436	<u>Beam steerable reconfigurable antenna</u>	Tiang Jun Jiat	TE,EE,MCE	1	0	550	Yes
4368	<u>Design of a digital beamforming antenna system</u>	Tiang Jun Jiat	TE,EE,CE	1	0	571	Yes
4287	<u>Smart Antenna in 4G/5G Mobile Communication System</u>	Tiang Jun Jiat	TE,CE,MCE	1	0	758	Yes
3471	<u>Design of Dualband Microstrip Antenna for LTE Application</u>	Tiang Jun Jiat	TE,EE,MCE	1	0	960	Yes

3168	<u>Optimization of Microstrip Patch Antenna using Particle Swarm Optimization (PSO)</u>	Tiang Jun Jiat	TE,CE,MCE	1	0	914	Yes
4608	<u>Optimization of Polymer Fiber Draw Tower</u>	Zulfadzli Yusoff	TE,EE,OPE	1	0	597	Yes