

Assignment of Master Project 1 (20222023-1)

Program: M. Eng (Electrical – Power) Main Campus Johor Baru

No	Student Name	Title Code	Project Title	Supervisor name	Supervisor's Email
1	Nor Elisya Binti Kuamthab	MEP-2223-01-05	Comparison of Fixed and Dual axis solar power tracking system	Dr Rasyidah Binti Mohamad Idris	rasyidahidris@utm.my
2	Mamman Mallam Baba	MEP-2223-01-06	An Improved Energy-efficient Street Lighting System	Dr Rasyidah Binti Mohamad Idris	rasyidahidris@utm.my
3	Ung Kek Seng	MEP-2223-01-17	Energy Management of Multiple Renewable Energies System	Dr. Hasmat	hasmat@utm.my
4	Subeyr Bashir Ahmed	MEP-2223-01-10	Development of Hybrid Machine Learning Framework for Multi-Step Ahead Renewable Energy Forecasting & Management	Dr. Hasmat	hasmat@utm.my
5	Dai Xinyue	MEP-2223-01-29	BLDC motor speed control	Dr. Norjulia Binti Mohamad Nordin	norjulia@utm.my
6	Nurul Iman Binti Mohammad Sofi	MEP-2223-01-30	Design and Performance of a Bidirectional Converter for a Battery Energy Storage System	Dr. Norjulia Binti Mohamad Nordin	norjulia@utm.my
7	Chen Rui Geach	MEP-2223-01-18	A Simulation of Hybrid Photovoltaic/Fuel Cell Energy System	Dr. Siti Maherah Binti Hussin	sitimaherah@utm.my
8	Mohamed Eldirdiri Ali Khalafallah	MEP-2223-01-13	Comparative Study Between Solar-Powered and Diesel-Driven Water Pumping Systems For Irrigation of Malaysian Oil-Palm Plantations.	Dr. Siti Maherah Binti Hussin	sitimaherah@utm.my
9	Jabril Abdulqadir Said	MEP-2223-01-12	Optimal Sizing of Solar-Powered Water Pumping Systems For Irrigation of Malaysian Oil-Palm Plantations.	Dr. Siti Maherah Binti Hussin	sitimaherah@utm.my
10	Muhammad Adam Bin Mohd Nadzri	MEP-2223-01-39	VSI improvement using SVC with employing modified lightning search algorithm	Ir. Dr. Syed Norazizul Bin Syed Nasir	syednorazizul@utm.my
11	Wang Xingye	MEP-2223-01-37	Optimal Placement Of Fast Charging Station In Distribution Network By Considering Harmonic Distortion, Power Losses Impact, Voltage Stability And Load Profile Deviation.	Ir. Dr. Syed Norazizul Bin Syed Nasir	syednorazizul@utm.my
12	Muhamad Zahid Bin Meor Akil Julnasir	MEP-2223-01-02	Design of electric vehicle battery pack	Prof. Madya Dr. Mohd Junaidi Bin Abdul Aziz	junaidi@utm.my
13	Hani Maisurah Binti Muhamad Zulkifli	MEP-2223-01-07	Analysis of Grading Ring Optimisation for Outdoor Insulators	Prof. Madya Eur. Ing. Ir. Ts. Dr. Lau Kwan Yiew	kwanyiew@utm.my
14	Abdiwahab Aden Mohamed	N/A	N/A	Prof. Madya Ts. Dr. Norzanah Binti Rosmin	norzanah@fke.utm.my

15	Dai Yanan	MEP-2223-01-31	Analysis of distribution network performance based on under voltage and frequency load shedding scheme.	Ts. Dr. Norazliani Binti Md Sapari	norazliani.ms@utm.my
16	Qahtan Jameel Ibrahim	MEP-2223-01-25	Voltage stability index analysis and optimized least error for UFLS in islanded distribution network.	Ts. Dr. Norazliani Binti Md Sapari	norazliani.ms@utm.my

Program: M. Eng (Electrical - Power) Off Campus Johor Baru

No	Student Name	Title Code	Project Title	Supervisor name	Supervisor's Email
1	Nurul Farah Dina Binti Ahmad Shamsuri	N/A	N/A	Ts. Dr. Mohd Hafizi Bin Ahmad	mohdhafizi@fke.utm.my

Program: M. Eng (Electrical - Power) Off Campus Kuala Lumpur

No	Student Name	Title Code	Project Title	Supervisor name	Supervisor's Email
1	Jeychandar	MEP-2223-01-27	Breakdown voltage and surface analysis of trisilicate nanofilled polyethylene for high voltage insulation	Dr Zuraimy Bin Adzis	zuraimy@fke.utm.my
2	Noriza Binti Maiyus	MEP-2223-01-26	Electromagnetic modeling analysis on lightning EMI on nuisance tripping for critical facilities	Dr Zuraimy Bin Adzis	zuraimy@fke.utm.my
3	Muhammad Zharif Bin Md Zaidon	N/A	N/A	Dr. Madihah Binti Md Rasid	madihahmdrasid@utm.my
4	Ira Fashileen Binti Hairul Anuar	MEP-2223-01-28	Energy Management Of Grid-Connected Photovoltaic With Battery Considering Battery Degradation For Maximum Self-Consumption	Dr. Madihah Binti Md Rasid	madihahmdrasid@utm.my
5	Saravanan Kerishnan	N/A	N/A	Prof. Madya Dr. Mohd Junaidi Bin Abdul Aziz	junaidi@utm.my
6	Agus Winardi	N/A	N/A	Prof. Madya Dr. Mohd Junaidi Bin Abdul Aziz	junaidi@utm.my
7	Mohd Akmal Bin Jumadi	MEP-2223-01-16	Power quality improvement in microgrids based on wind/solar PV-generated renewable energy with battery storage	Prof. Madya Ir. Ts. Dr. Tan Chee Wei	cheewei@utm.my
8	Mazuwan Mustaffa	MEP-2223-01-15	Power quality and performance evaluation of PV-wind hybrid energy systems	Prof. Madya Ir. Ts. Dr. Tan Chee Wei	cheewei@utm.my
9	Nur Amirah Binti Ishak	N/A	N/A	Prof. Madya Ir. Ts. Dr. Tan Chee Wei	cheewei@utm.my
10	Lim Phin Shen	MEP-2223-01-22	Modelling of a Hydrogen Vehicle Powered by Hydro System	Prof. Madya Ir. Ts. Dr. Tan Chee Wei	cheewei@utm.my

11	Mohammad Muzakkir Bin Mohamad Hanafiah	MEP-2223-01-14	An improvement in power quality using a variety of voltage sag and swell controllers	Prof. Madya Ts. Dr. Dalila Binti Mat Said	dalila@utm.my
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