

Assignment of Master Project 1 (20242025-2)**Program: M. Eng (Electrical – Microelectronic & Computer Systems) Main Campus Johor Bahru**

No	Student Name	Title Code	Project Title	Supervisor name	Supervisor's Email
1	Ching Yong Han	MKEH-24	Optimization of SiC MOSFETs for Next-Generation Power Electronics: Enhancing Efficiency and Reliability	Ts. Dr. Nurul Ezaila binti Alias	ezaila@utm.my
2	Hor Xian En	MKEH-05	GFSK Demodulation Technique using Complex-valued Neural Networks	Assoc. Prof. Ir. Dr. Ab Al-Hadi bin Ab Rahman	hadi@utm.my
3	Muhammad Aiman Bin Azuan Amin	MKEH-12	Multiple Scan with BIST for Testability Circuit at Register Transfer Level	Dr. Norlina binti Paraman	pnorlina@utm.my
4	Bichi Isyaku Kabir	MKEH-26	AI-Based Solution on CMOS Analog Circuit	Dr. Yusmeeraz binti Yusof	yusmeeraz@utm.my
5	Muhammad Hakimi Bin Zamzuri Ariffin	MKEH-28	P4-based DDoS Detection	Dr. Ismahani binti Ismail	ismahani@utm.my
6	Ng Rong Jie	MKEH-34	Characterisation of Heterostructure Device Using TCAD	Ir. Ts. Dr. Zaharah binti Johari	zaharahj@utm.my
7	Xu Yichao	MKEH-20	AI-Based Personal Assistant for Mental Health: Using NLP to Support Emotional Well-being	Assoc. Prof. Ir. Ts. Dr. Nasrul Humaimi bin Mahmood	nasrulhumaimi@utm.my
8	Huang Han	MKEH-25	Deep Learning-Based Classification Of Surface Soiling on Solar Panel	Dr. Amirjan bin Nawabjan	amirjan@utm.my
9	Adib Naufal Bin Ahmad Sabri	MKEH-08	Smart Home Environment Control System Using Electroencephalogram Signals	Ts. Dr. Nurul Ashikin binti Abdul Kadir	ashikin.kadir@utm.my