

YASSER ASRUL BIN AHMAD



- KULLIYAH OF ENGINEERING
- IIUM Gombak Campus
- Email address:
yasser@iium.edu.my

ACADEMIC QUALIFICATION

- Doctor of Philosophy (Engineering)
- Master of Science (Electrical, Electronic and System Engineering)
- Bachelor of Engineering

TEACHING RESPONSIBILITIES

ELECTRIC CIRCUITS	2018/2019 2019/2020 2020/2021
ELECTRICAL AND COMPUTER ENGINEERING LAB I	2016/2017
ELECTRICAL ENGINEERING LAB	2017/2018 2018/2019 2019/2020 2020/2021
ELECTRONIC CIRCUITS	2015/2016 2016/2017 2017/2018
ELECTRONICS	2017/2018 2018/2019 2019/2020 2020/2021
ENGINEERING ETHICS FROM ISLAMIC PERSPECTIVE	2018/2019 2019/2020
ENGINEERING ETHICS SAFETY AND ENVIRONMENT	2015/2016 2016/2017
ENGINEERING LAB II	2018/2019
FINAL YEAR PROJECT 1	2019/2020
FINAL YEAR PROJECT I	2020/2021
FUNDAMENTALS OF ELECTRICAL AND ELECTRONIC	2020/2021
Final Year Project I	2018/2019
Final Year Project II	2018/2019
SEMINAR	2018/2019

RESEARCH PROJECTS

In Progress

Unknown - Present Transfer of Drones Assisted Precision Farming and Data Analytics Skill for Malaysian Farmers to Mitigating Food Insecurity and Poverty Post COVID-19

PUBLICATIONS

Article

- 2019** [Design and validation of an adaptive CubeSat transmitter system.](#) International Journal of Electronics and Communications (AEÜ) , 108 pp.118-126
- 2019** [Jurutera December 2019 Working Towards the Future with IoT.](#) The Monthly Bulletin of the Institution of Engineers Malaysia, JURUTERA
- 2019** [Jurutera December 2019 Working Towards the Future with IoT.](#) The Monthly Bulletin of the Institution of Engineers Malaysia, JURUTERA
- 2019** [Two-year rain fade empirical measurement and statistics of earth-space link at ka-band in Malaysia.](#) ASM Science Journal , (Special Issu) 12 (2) pp.35-46
- 2019** [Design and validation of an adaptive Cubesat transmitter system using a Thermal Vacuum Chamber \(TVAC\).](#) International Journal of Recent Technology and Engineering (IJRTE) , 8 (3S2) pp.207-212
- 2018** [Determination of fade margin for Ka band operating in equatorial region.](#) Journal of Fundamental and Applied Sciences , 10 (25) pp.229-238

Conference or Workshop Item

- 2017** [Design of an adaptive CubeSat transmitter for achieving optimum Signal to Noise \(SNR\).](#) In: **AEROS Conference 2017**
- 2017** [Low altitude balloon IoT tracker.](#) In: **4th IEEE International Conference on Smart Instrumentation, Measurement and Applications (ICSIMA) 2017**
- 2017** [Nanosatellites constellation as an IoT communication platform for near equatorial countries.](#) In: **6th International Conference on Mechatronics - ICOM'17**
- 2016** [Design of a terminal node controller hardware for CubeSat tracking applications.](#) In: **6th Innovation in Aerospace Engineering and Technology (AEROTECH 2016)**

Book

Book Section