
Curriculum Vitae

Name: Dr. Yiiong Siew Ping

List of Research:

Internal Grant -

1. Water Pressure Measurement Device and System Development (UCTS/RESEARCH/4/2019/12)
2. Early Flood Detection Mechanism (UCTS/ RESEARCH/2/2018/05)
3. An Intelligence Drone Application for Smart-City Application (UCTS/RESEARCH/2/2018/09)
4. Smart City Wireless Soil Moisture and Watering System for Plants (UCTS/RESEARCH/3/2017/03)
5. Development of Athlete's Physical Condition Machine Learning Model Based on Biometric Parameters (UCTS/RESEARCH/5/2016/08)

List of Publications:

1. Chew, K. M., **Yiiong, S. P.**, Bundan, N., & Tan, S. C. W. (2021). The Application of IoT based- Water Pressure Monitoring System. 2021 IEEE International Conference on Sensors and Nanotechnology (SENNANO).
2. Chew, K. M., **Yiiong, S. P.**, Bundan, N., Loh, G. C. W., & Tan, S. C. W. (2021). Internet of Things (IoT) Continuity Challenge: Green Energy Power Consumption. 2021 IEEE International Conference on Sensors and Nanotechnology (SENNANO).

3. Chew, K. M., Tan, S. C. W., Loh, G. C. W., Bundan, N., & **Yiiong, S. P.** (2020). IoT Soil Moisture Monitoring and Irrigation System Development. In Proceedings of the 2020 9th International Conference on Software and Computer Applications, pp. 247-252.
4. Yiiong, S. P. and Labadin, J. (2020). *Numerical Study for Incompressible Boundary Layer Flow Past a Selected Terrain*. Malaysian Construction Research Journal, 32(3), 2020.
5. Yiiong, S. P., Ting, H. Y., Tan, D. Y. W., & Chia, R. (2019). *Investigation of Relation between Sport's Motion and Heart Rate Variability (HRV) Based on Biometric Parameters*. In IOP Conference Series: Materials Science and Engineering, 495 (1), p. 012015, 2019. IOP Publishing.