
Curriculum Vitae

Name: Dr. Chew Kim Mey

List of Research:

Internal Grant -

1. Water Pressure Measurement Device and System Development (UCTS/RESEARCH/4/2019/12)
2. Smart City Wireless Soil Moisture and Irrigation System for plants (UCTS/RESEARCH/3/2017/03)
3. Early Flood Detection Mechanism (UCTS/RESEARCH/2/2018/05)
4. Design and Development of the Model of Cyber Physical System (CPS) to Support the Applications of IoT in Smart City (UCTS/RESEARCH/3/2018/13)

List of Consultancy:

1. Low Water Pressure Early Warning System (Sibu Water Board) – Sept 2018 – Oct 2019

List of Awards:

1. Gold (Innovation Technology Expo (InTEX19)) – 2019

List of Publication:

International Journal	
1. Ching Yee Yong, Kim Mey Chew and Rubita Sudirman, (2019). Human wrist motion classification using decision tree and principle component analysis. <i>Materials Today: Proceedings</i> . 16, 1750-1756.	Elsevier, SCOPUS
2. Ching Yee Yong, Kim Mey Chew and Rubita Sudirman, (2019). Human motion analysis in dark surrounding using line skeleton scalable model and vector angle technique. <i>Materials Today: Proceedings</i> . 16, 1732-1741.	Elsevier, SCOPUS
3. Ching Yee Yong, Rubita Sudirman, and Kim Mey Chew , (2019). Gait Processing and Performance using Angular Velocity and Leaping Angle Parameters. <i>International Journal of Recent Technology and Engineering (IJRTE)</i> . 44(12), 2277-3878.	SCOPUS
National Journal	
1. Ching Yee Yong, Rubita Sudirman, and Kim Mey Chew , (2019). Position and Shape Estimation Using Double Integration of Acceleration. <i>e-Bangi</i> . 16(3), 1-10.	MyAis
International Proceeding	
1. Kim-Mey Chew , Siew-Ping Yiiiong, Nancy Bundan, Syvester Chiang-Wei Tan. The Application of IoT-based Water Pressure Monitoring System. 2021 IEEE International Conference on Sensors and Nanotechnology (IEEE SenNano 2021). Virtual Conference, 22-24 September 2021, Page(s): In press.	SCOPUS
2. Kim-Mey Chew , Siew-Ping Yiiiong, Nancy Bundan, Gary Chee-Wyai Loh, Syvester Chiang-Wei Tan. Internet of Things (IoT) Continuity Challenge: Green Energy Power Consumption. 2021 IEEE International Conference on Sensors and Nanotechnology (IEEE SenNano 2021). Virtual Conference, 22-24 September 2021, Page(s): In press.	SCOPUS
3. Kim-Mey Chew , Syvester Chiang-Wei Tan, Gary Chee-Wyai Loh, Nancy Bundan, Siew-Ping Yiiiong. Iot Soil Moisture Monitoring and Irrigation System Development. 2020 9 th International Conference on	SCOPUS

<p>Software and Computer Applications (ICSCA2020). Langkawi, Malaysia, 18-21 Feb 2020, Page(s): 1-6.</p>	
<p>4. Kim-Mey Chew, Ching-Yee Yong, Rubita Sudirman and Syvester Tan Chiang Wei. Human Brain Modeling Tumor Detection in 2D and 3D Representation Using Microwave Signal Analysis. IEEE Symposium on Computer Applications & Industrial Electronics (ISCAIE 2018). Penang, Malaysia, 28-29 April 2018, Page(s): 303-309.</p>	<p>SCOPUS</p>
<p>5. Kim-Mey Chew, Ching-Yee Yong, Rubita Sudirman and Syvester Tan Chiang Wei. Bio-Signal Processing and 2D Representation for Brain Tumor Detection Using Microwave Signal Analysis. IEEE Symposium on Computer Applications & Industrial Electronics (ISCAIE 2018). Penang, Malaysia, 28-29 April 2018, Page(s): 310-316.</p>	<p>SCOPUS</p>