
Curriculum Vitae

Name: Ong Sing Ling (Eileen)

List of Research:

Internal Grant -

1. Integration of Computational Thinking into Programming: Impact on Students' Attitudes towards Programming (3/2021/03)
2. Factors Influencing Students' Interest in STEM Programme (3/2018/06)
3. Development of Effective Strategies of Using WeChat in Marketing (2/2016/07)
4. Mobile Apps for Science Learning Primary Level (1/2019/10) Co-researcher
5. An Intelligence Drone Application for Smart City Application (2/2018/09)
Co-researcher

List of Consultancy:

1. Young Innovator Challenge 2021 (Chumbaka) – Feb 2021 – Sep 2021
2. Young Innovator Challenge 2020 (Chumbaka) – Mar 2020 – Oct 2020
3. Young Innovator Challenge 2019 (Chumbaka) – Feb 2019– Sep 2019
4. #MyDigitalMaker Champion School Program (MDEC) – Oct 2018– July 2019

5. The Incredible Ways with IR 4.0 and AI through Programming (MOE) Oct 2019
6. Young Innovator Challenge 2018 (Chumbaka) – Feb 2018– Sep 2018

List of Publications:

1. Ong, S. L., & Ling, J. P. W. (2019). UCTS foundation students' perception towards Arduino as a teaching and learning tool in STEM education. *e-Bangi*, 16(3). 1-21.
2. Ong, S. L., & Ling, J. P. W. (2019). An exploratory study on development of effective strategies in social media. *Borneo Journal of Social Sciences and Humanities*, 1(1). <https://doi.org/10.35370/bjssh.2019.1.1-06>
3. Ong, S. L., & Ling, J. P. W. (2020). Low-cost educational robotics car promotes STEM learning and 21st century skills. *2020 IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE)*, 467–473. <https://doi.org/10.1109/tale48869.2020.9368487>
4. Ong, S. L., & Ling, J. P. W. (2020). Factors influencing pre-university students' interests towards STEM programs and careers. *2020 IEEE 8th R10 Humanitarian Technology Conference (R10-HTC)*, 1–6. <https://doi.org/10.1109/r10-htc49770.2020.9357019>
5. Nhidayu, K., Ong, S. L., Chung, W. S. (2021). Science in mobile apps for education: Tackling online learning within pandemic outbreak, *International Journal of Engineering & Technology*, Science Publishing Corporation, 10(1), 1-7.
6. Nhidayu, K., Bakri, M., Ong, S. L., Rauf, H., Sar, A., Asem, K. (2019). Preliminary identification of speech hoarseness from cancer and normal speech, *IEEE 6th International Conference on Engineering Technologies*

and Applied Sciences (ICETAS).

<https://doi.org/10.1109/ICETAS48360.2019.9117325>

List of Awards:

1. Bronze Award (Innovation Technology Expo - InTex19 by Unimas) – 2019
2. Computational Thinking & Computer Science Teaching Certificate Programme - Master Trainer Certificate (MDEC) – 2020
3. CompTIA ITF+ Certified (CompTIA) - 2021