

## IEEE Malaysia Section Newsletter IEEE Sarawak Subsection

Reported by Ong Chin Ann ([ongca@ieee.org](mailto:ongca@ieee.org))

### 7<sup>th</sup> IEEE Malaysia Sarawak Subsection AGM



The IEEE Sarawak Subsection's Annual General Meeting has successfully taken place on 12th of February 2022 virtually via Zoom meeting. The AGM begins with a welcoming address by the Chair of IEEE Sarawak Subsection 2021-2022/23

The meeting continue with the updates on activities, events, awards, and news happening in year 2021. The subsection has conducted 3 meetings, 8 educational activities and workshops, 3 industry/technical talks, 2 professional events, achieved 6 awards and grants by its members in 2021. More information on the achievement can be found at [IEEE Malaysia Sarawak Subsection](http://IEEE Malaysia Sarawak Subsection website) website.

The chair also encourage existing members to invite more professionals, practitioners, and academicians who are based in Sarawak or Sarawakian who are based outside Sarawak to join the IEEE Sarawak Subsection community in this exciting year. They may contact any of the IEEE Sarawak Subsection EXCO in case they have any doubts or inquiry.

### IEEE Special Interest Group on Humanitarian Technology (SIGHT) Sarawak Initiatives



Early this year, the IEEE Malaysia Sarawak Subsection, IEEE Special Interest Group on Humanitarian Technology (SIGHT) Sarawak, Swinburne University of Technology and University of Technology Sarawak (UTS) collaborated in organizing humanitarian project for communities in the central region of Sarawak.

The alternative lighting project, successfully reached out to a secondary school, SK Kampung Bahagia Jaya in the sub-urban areas of SIBU, Sarawak. The activity was initiated and involved more than 10 IEEE students and members who volunteered in this project despite all difficulties encountered during the COVID-19 pandemic.

The project was divided into two phases. Under phase 1, the team conducted study on the needs of the primary school as well as surveyed different areas in the school. For phase 2, which is expected to be completed next month, there will be a site installation of alternative lighting system for the school.

The alternative lighting system will help in security, walking path enhancement and convenience during night time walking. The system is powered entirely by solar energy and is the most cost-effective way to provide sustainable lighting solution to the school. The solar system will benefit young school children by improving their study environment and school children can observe how the solar technology function.

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### IoT Workshop for Secondary School Students



"IoT4Community"

Equip Your Home Plant with IoT and the Internet

26 February 2022  
9am to 4pm

Free for all secondary school students. Limited seats!  
You will get a set of home farming kit!!!

Complete your registration here: <https://forms.gle/wK9gpE7krj1d1koLA>  
For more information, please email [fstay@swinburne.edu.my](mailto:fstay@swinburne.edu.my)

IEEE SIGHT  
Special Interest Group on  
Innovation and Technology

IEEE

On 26<sup>th</sup> February 2022 IEEE SIGHT Sarawak has conducted another IoT4Community workshop titled, "Equip Your Home Plant With IoT And The Internet". The workshop has attracted more than 30 secondary school students.

The workshop led by Dr. Mark Tee Kit Tsun which aims to provide participants technical knowledge on how IoT works and its applications.

Participants also given opportunity to practice and experience hands-on activities in assembling as well as developing automated home-based plant irrigation system.

### IEEE Sarawak Outreach Expansion



On 15 March 2022, the IEEE Sarawak Subsection's Chair, Associate Professor Dr. Jacey Lynn Minoi together with other EXCO members, Dr. Then Yi Lung and Dr. Tay Fei Siang initiated a discussion with Dr. Yong Ching Yee, a Senior Lecturer at the University of Technology Sarawak (UTS) to discuss and explore more opportunities on humanitarian related outreach as well as possibility to setup IEEE Student Branch at UTS.

The outcome of the discussions was exciting, and the subsection is looking forward to expand outreach activities in the state's central region via engagement and collaboration with UTS in 2022.