



Technical Visit to Cytron Technologies Sdn Bhd

by Ir. Dr Huzein Fahmi

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On 27th February 2018, the Electronic Engineering Technical Division (eETD) organized a technical visit to Cytron Technologies Sdn Bhd at Bukit Mertajam, Penang. The technical visit was attended by 16 participants. The session started at 9.30am with a short introduction to Cytron by Mr. Ober Choo, Chief Technical Officer (CTO) of Cytron Technologies Sdn Bhd. Mr. Ober shared the history of Cytron, and how the company was started by five Universiti Teknologi Malaysia (UTM) students, including himself in 2004. Mr Ober also shared with the IEM delegates about the challenges of running an online electronics business, especially a decade ago. In spite of the obstacles, the team was determined to chase after their dreams and today, they are able to move to new facilities that was just established recently in Bukit Mertajam, Penang. The IEM delegates were then divided into 2 groups for the plant tour, R&D lab tour and technical sharing about Rero, the first ASEAN educational robotics kit for students.



IEM delegates visiting the R&D Lab



Briefing on Cytron Rero Robotics to IEM delegates

Plant Tour to Cytron Manufacturing Facilities

During the visit, Mr. Ober Choo, was kind enough to showcase the type of products developed and manufactured by Cytron ranging from motor driver to Rero robotic components. It gave the IEM visitors an opportunity to learn about the local engineering talent involved in the product development of this product.



Mr Ober Choo showcasing the Cytron products

Then, the attendees were brought to the Cytron Manufacturing facilities. Here, Mr. Ober Choo explained that Cytron is able to provide high-mix, low-volume production, and has the ability to meet new product requirements by converting assembly lines in a matter of hours, sometimes minutes. He also shared about the challenges to support high-mix, low-volume production where the skills and trained operators are required to ensure the quality of the product is maintained. Participants were also highlighted on the importance of the Testing process in gaining customer's confidence.



IEM delegates at Cytron SMT manufacturing line

Finally, the participants were briefed about quality control conducted as part of the demanding quality assurance process in Cytron. The visit ended with a group photo session and souvenir presentation. In overall, it was a good experience for all the participants who took part in the visit.



IEM eETD Chairman, Ir. Assoc. Prof. Dr. Khor Jeen Ghee, presenting a souvenir to Mr Ober Choo during the visit