



Technical Visit to Universiti Tunku Abdul Rahman Research Centers

by Dr Wong Jianhui

Dr Wong Jianhui is currently a committee member in Electrical Engineering Technical Division (EETD).

IEM Electrical Engineering Technical Division organized the very first technical visit to Universiti Tunku Abdul Rahman (UTAR) Research Center at Sg. Long on the 13th May 2016 and there were a total numbers of 40 people including the members of IEM and UTAR staffs attended the visitation. We arrived at 9.30am and were given a warm welcome by the UTAR Vice President, Prof. Ir. Dr. Lee Sze Wei and Dean of LKC Faculty of Engineering and Science, Prof. Ir. Dr. Goi Bok Min. Prof. Lee mentioned that UTAR is working towards to be a prominent research University by year 2020. Realizing the importance of research and development, various efforts and initiatives have been taken in the past 13 years including the establishment of global research network with local and international collaborative partners and establish research centers focusing on several niche areas. Up to date, there are a total of 27 research centers added.

During the technical visit, five key projects have been presented and demonstrations have been done by Mr. Chua Kein Huat, Prof. Dr. Chong Kok Keong, Dr. Lim Eng Hock, Dr. Chew Kuew Wai and Prof. Ir. Dr. Lim Yun Seng. Mr. Chua KH shares with the participants on the building management system that has been installed within the UTAR campus to monitor the energy consumption and to conserve the energy within the building. Prof. Chong KK mentioned that the research project on solar concentrator plays an important role by making use of optical technology to reflex and deliver high flux of sunlight onto the concentrator photovoltaic module. While Dr. Lim EH introduced a label tag antenna that is compact and low cost made of folded patch that can be mounted on metal object, and non metallic objects such as human body, plastics, glass and so on. During the visitation, a lab tour is scheduled to visit the first UTAR electric vehicle developed by the research team of Dr. Chew KW and smart grid test bed developed by Prof. Lim YS. At the end of the visit, there were discussion among the participants and the principal investigators of each project.



Souvenir exchange session between IEM EETD chairperson, Ir. Yau Chau Fong (Right) and Vice President of UTAR, Prof. Ir. Dr. Lee Sze Wei (Center) and Dean of LKC Faculty of Engineering and Science, Prof. Ir. Dr. Goi Bok Min (Left).



Group photo for the IEM-UTAR visitation