



Talk on “ProDex 2017”

by Ir. Yong Hong Lee

Ir. Yong Hong Lee is currently a committee member in the Engineering Education Technical Division (E2TD).

Definition of Activity

ProDex 2017 was co-organised between Faculty of Engineering, Tunku Abdul Rahman University College (TARUC) and The Institute of Engineers Malaysia (IEM). It was an annual event that involved the Final Year Project students in Faculty of Engineering (FOEN), TARUC and allows them to exhibit and present the products, the outputs and the findings of their final year projects.

A total of 27 participants from the Department of Mechanical Engineering had taken part in this final year project exhibition and competition held on the 30th of August 2017 at the foyer of TARUC main campus in Setapak, Kuala Lumpur.

Objectives of ProDex 2017

The objectives of the ProDex 2017 were been stated as follow:

- i. To highlight the final year projects that is outstanding and capable to provide knowledge to the visitors of ProDex 2017.
- ii. To produce high quality graduates who are capable to design and express their designs.
- iii. To inculcate competitive spirit among students through technical competition.



Talk by IEM Representative



Participants

In conjunction with ProDEX 2017, the organiser of the Faculty of Engineering, TARUC had invited Ir. Yong Hong Lee, the Professional Engineer who representing the Engineering Education Technical Division(E2TD) of IEM to give a professional talks on the topic “Green Technology: The Way Forward for Engineers”. Year 4 Mechanical Engineering students were invited to attend the talk.

The speaker shared with the audience the overview; its definition; the principles; the areas of Green Technology such as Green Chemistry, Green Nano-Technology, Green Building, green IT, Green Energy and the advantages of Green Technology.

The speaker stressed on the sustainability on engineering product design, the choice of materials that are environmental friendly. He reiterated the importance of green Technology and the life cycle of a product should be taken into consideration at the very beginning of every product design.

The speaker also highlighted the roles of engineers and their impacts on the nature before final conclusion with the following sentences:

- Global warming and energy crisis cannot be solved within one or two years.
- It really requires our determination and continue effort in improving the situation in group efforts.
- Green technology will definitely be the solution that gets the potential in helping us to solve those problems and improve our environment.



Student's project