

IEEE Malaysia Section Newsletter IEEE Dielectrics and Electrical Insulation Society (DEIS)

Prepared by Ir. Dr. Hazlee Azil Illias (h.illias@um.edu.my)

Industrial Visit to Gurun HVDC Station

On 23 October 2018, an industrial visit was carried out by Universiti Sains Malaysia (USM) and the IEEE DEIS Malaysia Chapter at HVDC Station, Gurun, Kedah. The industrial visit, led by Assoc. Prof. Ir. Dr. Mohamad Kamarol Mohd Jamil and Ir. Dr. Nor Asiah Muhamad, was participated by 22 undergraduate and 1 PhD students of USM. The main objective of the visit was to expose the students to DC power system network and obtain a better understanding on the operation of each equipment involved.

By Ir. Dr. Nor Asiah Muhamad



Visitors to HVDC Station, Gurun, Kedah

Tunku Abdul Rahman University College visit to University of Malaya High Voltage Laboratory

On 16 October 2018, an academic staff and 21 undergraduate students from Tunku Abdul Rahman University College, Kuala Lumpur visited the University of Malaya High Voltage Laboratory (UMHVL) in the Department of Electrical Engineering, Faculty of Engineering, University of Malaya.

During the visit, the Head of UMHVL, Assoc. Prof. Ir. Dr. Hazlee Azil Illias, who is also the Secretary of IEEE DEIS Malaysia Chapter, introduced various high voltage research facilities available in the laboratory and briefed the visitors on the research activities carried out in the laboratory. After that, demonstration on breakdown in air under applied high voltage was performed in the lab to enhance the students' experience on breakdown phenomena.

By Ir. Dr. Hazlee Azil Illias



Participants of the discussion with Energy Commission Malaysia

Discussion on Safety and Competency Requirement of High Voltage Lab with Energy Commission Malaysia

On 9 November 2018, a discussion session about the safety precautions on using high voltage equipment was held by Malaysian High Voltage Network (MyHVnet) and IEEE DEIS Malaysia Chapter with the Energy Commission (EC), Malaysia at Universiti Putra Malaysia.

The discussion, along with safety demonstration by Prof. Ir. Dr. Mohd. Zainal Abidin Ab Kadir (Chairman of MyHVnet), is in line with Malaysian high voltage community's awareness in addressing safety and the competency requirement issues related to high voltage laboratories in Malaysia. Through the discussion, it is hoped that MyHVnet, DEIS Malaysia and EC would continue to work closely and better communicate in issues relevant to high voltage laboratory safety and competency requirement in Malaysia.

By Ir. Dr. Mohamad Kamarol Mohd Jamil



UMHVL visitors from Tunku Abdul Rahman University College