

IEEE Malaysia Section Newsletter

IEEE Dielectrics and Electrical Insulation Society (DEIS)

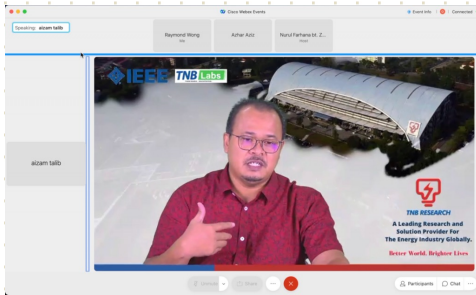
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Webinar: TNB Labs Webinar, Analysis and investigation of power transformer failure

The IEEE Dielectrics and Electrical Insulation Society (DEIS) Malaysia Chapter collaborated with TNBR Labs to organize a Webinar entitled “Analysis and investigation of power transformer failure”. The talk was held online via Cisco WebEx and was attended by around 287 participants.

In this talk, Ir. Ts. Dr. Mohd Aizam Talik (Head of Advanced Diagnostic Services TNBR) started with a quick introduction of transformer failure curves. Next, he explained about the importance of transformer reliability analysis and component failure. Next, Dr Aizam explained about the concept of transformer FMECA and failure investigation. He also shared several case studies related to transformer failure.

It is hoped that the experience and knowledge shared during the webinar are beneficial to all participants.



DGA Interpretation Workshop

The IEEE Dielectrics and Electrical Insulation Society (DEIS) Malaysia Chapter has organized an online workshop entitled “DGA Interpretation Workshop”. The event was funded by IEEE Malaysia Section and technically supported by MyHVnet. The event was held online via Cisco WebEx and was attended by around 50 participants.

The main aim of this activity is to educate participants on the theoretical and practical applications of DGA as one of the best universal techniques to determine the health of power transformers. The workshop started with two talk sessions: “Transformer Oil Standard & Diagnostics” by Ir. Dr. Aizam Talib and “DGA Interpretations” by Ir. Dr. Norazhar Abu Bakar. An online networking session was conducted via Padlet platform. After the talks, a hands-on session on DGA interpretations was conducted in two parallel sessions facilitated by experienced panels.

It is hoped that the experience and knowledge shared during the workshop are beneficial to all participants.



Virtual Factory Tour of ABB Malaysia

The “Virtual Factory Tour of ABB Malaysia” was successfully held via MS Teams on 8 November 2021. The virtual tour was organized by ABB and UTM School of Engineering, and was technically supported by IEEE Dielectrics and Electrical Insulation Society (DEIS) Malaysia Chapter, IEEE PES, and MyHVnet. The event was attended by around 250 participants.

The event started with a brief introduction of the ABB company history and general operations. Next, the virtual tour started with a live feed and commentary by ABB engineers describing the factory operations. The event ended with an engaging Q&A session. The DEIS Malaysia Chapter looks forward to engaging in more events such as this in the future.

