

## IEEE Malaysia Section Newsletter

### IEEE Dielectrics and Electrical Insulation Society (DEIS)

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#### Mini Automatic Solar Tracker Design Challenge 1.0

From 21st October 2022 to 2nd November 2022, the IEEE Universiti Malaya Student Branch (UMSB) had successfully organized Mini Automatic Solar Tracker Design Challenge 1.0, which was held at the Faculty of Engineering, Universiti Malaya. The event was also co-organized by IEEE Dielectrics and Electrical Insulation Society (DEIS) Malaysia Chapter and supported by IEEE Malaysia Section. The event was launched by the Counselor of IEEE UMSB, Associate Professor Ir. Dr. Hazlee Azil Illias from the Department of Electrical Engineering, Faculty of Engineering, Universiti Malaya.

In this activity, participants were required to build a prototype of a mini automatic solar tracker that is smart, low cost and efficient from 21st October 2022 to 2nd November 2022. They were given free time to construct the prototype. The prototype was able to track the sunlight movement to harvest possible maximum energy. Six groups of participants, which consists of up to 3 members in every group, participated in this program.

On 2nd November 2022, all participants demonstrated their prototype in front of the judges and visitors who came to the demonstration day of the prototype. The assessment by the judges covered the prototype and the participants' soft skills. Visitors took the opportunity to visit the demonstration day and were amazed with the prototype demonstrated by the participants.

