



Visit to Institute of Nano Optoelectronics Research and Technology (INOR), USM

By

Ir. Ts. Lee Choo Mou

He is an eETD committee member for 2025/2026.

On 29th October 2025, the Institution of Engineers, Malaysia (IEM) Electronic Engineering Technical Division (eETD) successfully organised a technical visit to Institute of Nano Optoelectronics Research and Technology (INOR), USM attended by 13 registered participants together with 5 INOR staffs. The session commenced at 9:00 AM with a brief introduction of the speakers and INOR staffs by the moderator, Ir. Ts. Lee Choo Mou, who warmly welcomed all the attendees.

The event was organised into three sessions which were introduction to INOR, technical presentation and laboratory visit. The first session sets the stage with insightful introduction to INOR by first speaker who is also the director of INOR, Ts. Assoc Prof. Dr. Mohd Zamir Pakhuruddin. He highlighted an important point in addition to academic postgraduate study, the institution also offers a wide range of supportive and enriching services in collaboration with industries for project's goals.



Sharing by Ts. Assoc Prof. Dr. Mohd Zamir Pakhuruddin.

After first session, moderator Ir. Ts. Lee invited director of INOR to receive a token of appreciation and certificate from eETD chairman Ir. Dr. Huzein as a gesture of thanks for sharing and provide a visit to INOR for offering participants an opportunity to gain experience, explore advanced equipment, and deepen their understanding through laboratory tours.



Appreciation token presentation by IEM eETD chairman to INOR's director.



Certificate presentation by IEM eETD chairman to INOR's director and staffs.

In the second session, Assoc Prof. Dr. Lim Way Foong delivered technical presentation on the future of nanotechnology by exploring its transformative potential across various industries. This session provided deep insights into emerging research trends and innovative applications. She also emphasised how nanotechnology will continue to revolutionise in future.

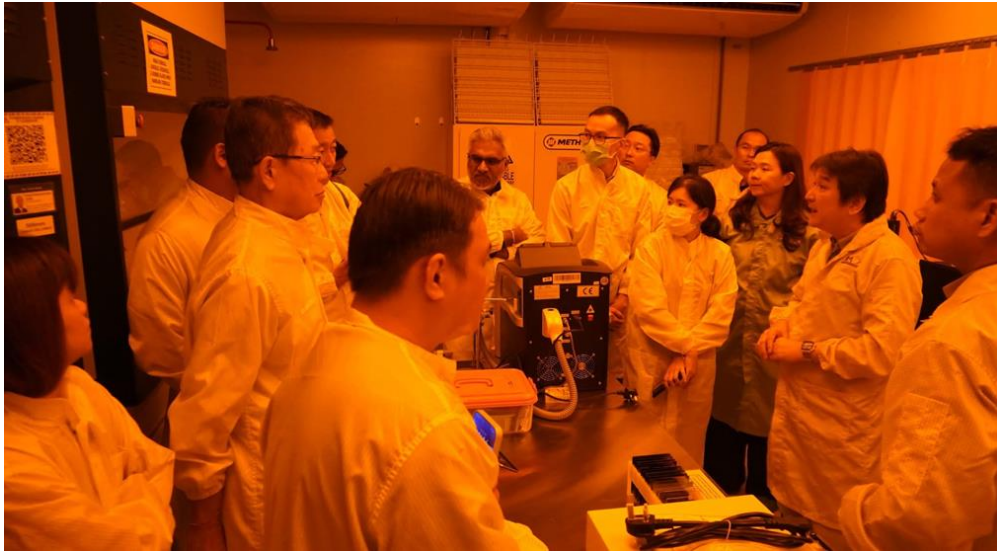


Technical presentation sharing by Assoc. Prof. Dr. Lim Way Foong.

The final session of the event concluded with an engaging and informative laboratory visit, offering participants a valuable opportunity to witness to gain first-hand experience with advanced equipment and innovative research techniques guided by Assoc Prof. Ts. Dr. Mohd Zamir and Assoc Prof. Dr. Lim at fabrication laboratory, yellow room laboratory and MOCVD laboratory.



Participants at fabrication laboratory.



Participants at yellow room laboratory.



Participants at MOCVD laboratory.



Group photo of the speakers, INOR staffs, moderator and the participants.

The event with a group photo and reached a highly engaging and informative session. It has been a valuable learning experience for all IEM members involved.