



## Technical Visit to Aircraft Maintenance Department, Politeknik Banting Selangor

By

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The Technical Visit to the Aircraft Maintenance Department at Politeknik Banting Selangor (PBS), organised by the Engineering Education Technical Division (E2TD) of The Institution of Engineers, Malaysia (IEM), was successfully held on 30 July 2025. The visit formed part of E2TD's ongoing initiative to strengthen linkages between academia, professional bodies, and Technical and Vocational Education and Training (TVET) institutions.



**Figure 1: Warm welcome and group photo with all Participants and PBS Officials**

PBS, an accredited aviation training institution approved by the Civil Aviation Authority of Malaysia (CAAM) and the Engineering Technology Accreditation Council (ETAC), plays a vital role in producing industry-ready graduates through comprehensive programmes and hands-on training in aircraft maintenance. The Engineering Education Technical Division (E2TD) of The Institution of Engineers, Malaysia (IEM), together with academic staff and students from the School of Engineering, UOW Malaysia, and the IEM Student Chapter (UOW Malaysia) successfully carried out a technical visit to Politeknik Banting Selangor (PBS).

The programme began with participants departing from Wisma IEM, Petaling Jaya, and UOW Malaysia, Shah Alam, at 8:30 a.m., arriving at PBS by 9:30 a.m. Upon arrival, a signing ceremony was held in the visitor's book.



**Figure 2 : Official signing of the visitor's book, in the presence of PBS officials**

The delegation was then escorted to the boardroom, where they were welcomed with a speech by the PBS Director, Ts. Ibrahim Bin Burhan, followed by a video presentation.



**Figure 3: Welcome speech from the PBS Director, Ts. Ibrahim Bin Burhan, followed by a video presentation.**

After the opening session, a souvenir exchange was held between the IEM, UOW Malaysia student chapter and PBS management as a gesture of appreciation.





**Figure 4: A souvenir exchange between the IEM(E2TD)/UOW Malaysia (IEM Student Chapter) and PBS Management.**

Subsequently, participants were taken on a guided tour of the Department of Aeronautical Engineering. The tour covered key facilities, including the aircraft hangar and engine workshops. During the visit, participants were briefed on the equipment and teaching methodologies adopted by PBS. This provided valuable insights into the institution's commitment to producing skilled graduates capable of meeting the evolving demands of the aviation and aeronautical industry.



**Figure 5 : Guided tour at Aircraft Engine Workshop**

The technical visit concluded with an interactive question-and-answer session, during which participants engaged with PBS lecturers and technical staff on matters related to aeronautical engineering education, industry collaboration, and student development. The session fostered meaningful exchanges of knowledge and experiences between the academic institutions and professional engineers.



**Figure 6: Group Photo at Aircraft Hangar**

The technical visit to Politeknik Banting Selangor (PBS) concluded at 1:00 p.m. The programme successfully met its objectives by strengthening academic-industry linkages, enhancing participants' knowledge of aeronautical engineering education, and fostering collaboration between IEM, UOW Malaysia, and PBS.