

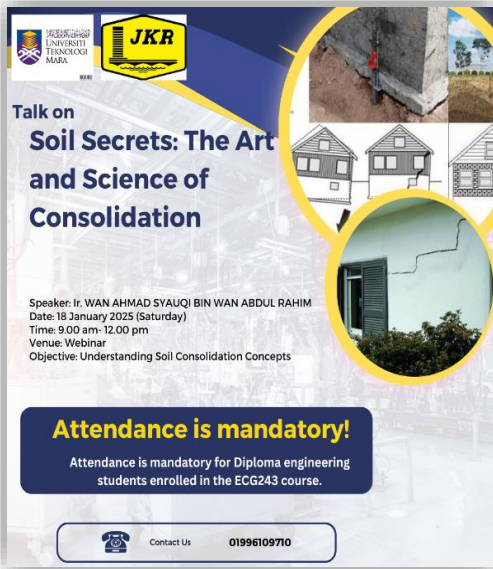
PUSAT PENGAJIAN KEJURUTERAAN AWAM UNIVERSITI TEKNOLOGI MARA CAWANGAN PULAU PINANG



Bridging Theory and Practice – Industry Sharing Session on Soil Compaction and Consolidation

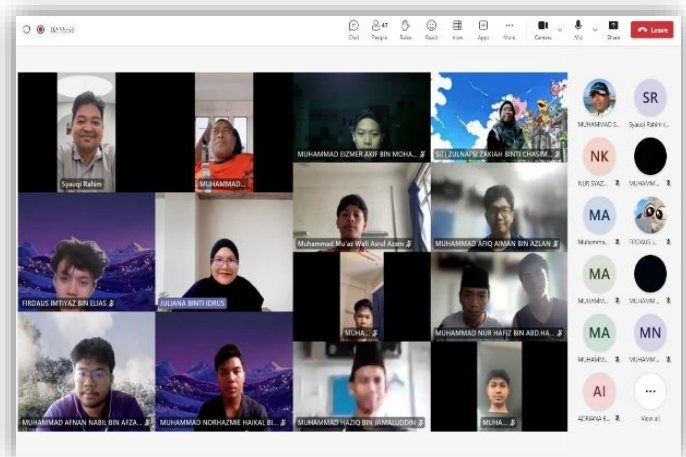
Roziah Keria, Azura Ahmad, Juliana Idrus and Muhammad Sofian Abdullah

On January 18, 2025, a special industry-sharing session was organized for the Soil Mechanics course, focusing on soil compaction and consolidation. Conducted online, the session was open to all students enrolled in the course. It featured a guest speaker, Ir. Wan Ahmad Syauqi Bin Wan Abdul Rahim, a professional engineer from the Public Works Department (JKR).



During the session, Ir. Syauqi provided students with a clear and insightful experience of the practical application of soil compaction and consolidation in real-world engineering projects. He shared real challenges faced on construction sites and the decision-making processes involved. This helped students connect classroom theories to actual field practices.

Ir. Syauqi is a proud alumnus of UiTM Cawangan Pulau Pinang, Permatang Pauh Campus, having graduated in 2018 with a Bachelor of Engineering (Hons.) in Civil (Infrastructure). He achieved his Professional Engineer (Ir.) status in 2023, just five years after graduation, which is a notable accomplishment. He has extensive experience in geotechnical engineering in Malaysia and internationally and has often been invited as a speaker and presenter at various technical seminars and training sessions.



His engaging and informative presentation offered students a valuable opportunity to understand how theoretical knowledge is translated into real-life engineering work. The session was eye-opening, relevant, and inspiring as it gave students a clearer picture of their future careers in geotechnical engineering.

Sessions like this play an important role in strengthening students' understanding by integrating real industrial experiences into academic learning. They inspire students to think beyond textbooks and prepare them to face real-world engineering challenges with greater confidence. Overall, the session successfully bridged the gap between theory and practice and served as an excellent platform for students to gain industry-relevant knowledge and insights.