

### PUSAT PENGAJIAN KEJURUTERAAN AWAM UNIVERSITI TEKNOLOGI MARA CAWANGAN PULAU PINANG



# From Folds to Faults: An Insightful Talk on Structural Geology

*Juliana Idrus, Khairul Afinawati Hashim, Mohd Khairul Azhar Ismail and Nur Masyitah Osman*

On Wednesday, 12 June 2024, a Technical Talk on Structural Geology was successfully held at Dewan Kuliah Hotel B, UiTM Cawangan Pulau Pinang, from 9.00 AM to 1.00 PM. The event was organized by the Geology (ECG253) lecturers and featured a guest speaker, Ts. Hj. Mohd Mustaqim bin Mohd Nordin, a Council Member of the Society for Engineering Geology and Rock Mechanics Malaysia (SEGRM). With his extensive knowledge and experience, the speaker delivered an enriching session that captivated the audience.

The talk was specially arranged for all Part 2 students of CEEC110 (Diploma in Civil Engineering) who are currently enrolled in the ECG253 subject. It aimed to enhance their understanding of fundamental structural geology topics such as rock deformation, stress-strain relationships, fault and fold mechanics, and the critical role of geology in engineering and geotechnical applications.



The speaker presented the material in an engaging and accessible manner, effectively blending theory with real-world case studies. His approach not only reinforced the concepts taught in class but also provided students with a broader appreciation of how geological structures impact construction and infrastructure projects.

The session concluded with an interactive Q&A segment, during which students enthusiastically posed questions and participated in discussions—reflecting their strong interest and curiosity in the field. Overall, the technical talk was a valuable and inspiring experience, offering students a unique opportunity to bridge academic learning with practical applications. The organisers and participants extend their gratitude to Ts. Hj. Mohd Mustaqim for his insightful sharing, and look forward to more such knowledge-sharing sessions in the future.