BULETIN FKA

UNIVERSITI TEKNOLOGI MARA

Cawangan Pulau Pinang
Kampus Permatang Pauh

EDISI 2025

PENGAJIAN KEJURUTERAAN AWAM

UNIVERSITI TEKNOLOGI MARA CAWANGAN PULAU PINANG







Message from Ketua Pusat Pengajian



Assalamualaikum Warahmatullahi Wabarakatuh and greetings,

It is a pleasure to welcome you to the 2025 edition of Buletin FKA. This bulletin brings together the activities, achievements and memorable moments of the School of Civil Engineering, UiTM Cawangan Pulau Pinang throughout the year.

Looking back, 2025 has been a meaningful year for our School. While the achievements recorded in this bulletin deserve recognition, I believe our true strength lies in the people behind them. Every programme, student activity, research initiative and community engagement reflects the time and effort contributed by our lecturers, administrative staff, technical staff and students.

As educators, our responsibility extends beyond delivering academic content. We must prepare our students to think carefully, act professionally and respond confidently to the challenges they will encounter as civil engineers. The engineering profession continues to change, and our students must be ready to work with new technologies while remaining attentive to public safety, environmental concerns and the needs of society.

I am particularly grateful for the cooperation shown by everyone throughout the year. Some contributions are clearly visible through awards, publications and successful programmes, while many others take place quietly behind the scenes. Both are equally important to the continued success of our School.

To our students, I encourage you to make full use of every opportunity available during your time at UiTM. Academic knowledge provides the foundation, but your willingness to learn, communicate and take responsibility will shape the kind of engineer you eventually become.

I would also like to thank our alumni, industry partners and collaborators for continuing to share their knowledge and experience with us. Their involvement helps ensure that our teaching and activities remain relevant to professional practice.

Finally, congratulations to the editorial team and everyone who contributed to this edition. I hope Buletin FKA 2025 will serve as a meaningful record of our shared journey and remind us of what we can accomplish when everyone contributes.

Thank you and Wassalam.

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CEEC110: Workshop on Open Ended Laboratory (OEL) & Tips for Laboratory Report Writing

Juliana Idrus and Noraziyan Abd Aziz

A workshop titled *"Open Ended Laboratory (OEL) & Tips for Laboratory Report Writing"* was successfully conducted on **25 April 2025 (Friday)** from 3.00 p.m. to 5.00 p.m. via Microsoft Teams**.** The programme was organised by the OEL Unit, Civil Engineering Studies, UiTM Cawangan Pulau Pinang, to enhance students' understanding of the OEL approach while equipping them with essential skills for effective laboratory report writing.

The session was delivered by Juliana Idrus and Noraziyan Abd Aziz, who shared their knowledge and practical insights on implementing OEL in engineering education. The workshop was attended by Diploma in Civil Engineering students (CEEC110), as well as lecturers interested in strengthening their teaching and assessment strategies. The workshop began with an introduction to the concept and objectives of Open Ended Laboratory (OEL)**.** The speakers emphasised that OEL differs from conventional laboratory practices by encouraging students to think critically, explore multiple solutions, and apply theoretical knowledge in a more flexible and investigative manner.

In addition to OEL, the workshop also focused on tips for writing effective laboratory reports. Key components of a well-structured report were discussed, including introduction, methodology, results, discussion, and conclusion. The speakers highlighted common mistakes made by students, such as poor data presentation, lack of critical discussion, and improper referencing. Guidance was provided on how to present data clearly, interpret results accurately, and link findings with theoretical concepts.



Overall, the workshop was highly beneficial in enhancing both conceptual understanding of OEL and practical skills in laboratory report writing. It is hoped that the knowledge gained from this session will assist students in producing higher-quality reports and foster a more analytical and independent approach to laboratory work.

