

Formulation Fusion Event: A Hands-on Approach to Learning Formulations

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On 6th and 7th January 2025, the Formulation Fusion: From Lab-to-Showcase Event was successfully organised as part of the PHD211: Semi-Solid Dosage Forms course at UiTM Bertam Campus. This event was conducted by Ms. Alyaa, with the support of two distinguished lecturers, Dr. Wong Yuet Yen and Dr. Mohd Nadzri, as well as two pharmacist assistants, Mr. Faiz and Ms. Isfariena. This

event involved Semester 3 Diploma in Pharmacy students, providing them with a hands-on learning experience that combined both laboratory practice and scientific communication. The aim for this event was to enhance students' compounding proficiency, encourage them to make informed decision in formulations and foster creativity in presenting pharmaceutical formulations. The Formulation Fusion event was structured into two key activities; (1) preparing products in the laboratory and creating formulations which were then translated into infographics and (2) an oral presentation session.

On the 6th January 2025; students' posters were accessed and graded based on the rubrics provided earlier to the students. On 7th January 2025 (oral presentation day), students were required to present their findings and showcase their formulations with the aim of pitching their own product to potential investors. This activity helped students to develop the essential scientific communication skills by explaining complex pharmaceutical concepts in a clear and engaging manner. Besides, it promotes creativity in the use of the Canva application to design their infographic to capture investors' attention. This Formulation Fusion event not only enhanced students' technical abilities but also prepared them for real-world applications in pharmaceutical practice, where both formulation expertise and communication skills are essential.

Towards the end of the event, to recognise students' outstanding work, three prizes were awarded in each category; Best Product Poster and Best Oral Presentation to motivate students to strive for excellence. In conclusion, the Formulation Fusion Event successfully bridged the gap between theory and practice by integrating laboratory-based learning with a showcase element, making this approach a valuable model for future pharmacy education initiatives.

