

CEUTICS SHARING SESSION: RHEOMETER – FROM THEORY TO APPLICATION

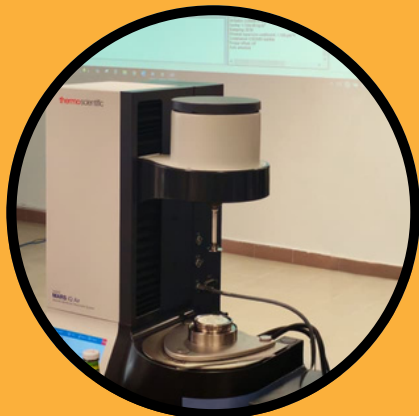
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SEMINAR INITIATIVE

On 13 August 2025, the UiTM Faculty of Pharmacy (Faculty), in collaboration with LMS Scientific Solution Sdn. Bhd., successfully hosted the Ceutics Sharing Session: Rheometer – From Theory to Application. Held at the Seminar Room, Level 4 FF2, the full-day event brought together members of academia and private-sector professionals interested in deepening their understanding of rheology and its relevance across industries.



The session was led by Miss Tan Poi Teng, Regional Product Specialist from ThermoFisher Scientific, who shared extensive knowledge and practical insights. The event aimed to enhance participants' theoretical knowledge of rheometers, demonstrate their applications in analysing various sample types, and provide guidance on data extraction and interpretation.



The programme began with a welcoming address and an introduction to the Faculty's laboratory services by Mr. Ahmad Assakir Ahmad Shukri. This was followed by a comprehensive lecture by Miss Tan, covering the principles and operational mechanics of rheometers. She elaborated on rheological measurements, sample preparation, and the significance of viscosity and viscoelastic properties in product formulation.

This was followed by a second lecture on the application of rheometry in pharmaceutical, cosmetic, and food research and development (R&D), where real-case studies were used to highlight its practical relevance across multiple industries. During the hands-on session, participants were given the opportunity to operate the rheometer, perform measurements, and interpret data, gaining valuable experience in applying the theoretical concepts to practice. The workshop concluded with an interactive Q&A and a group photo.



A total of 37 participants attended the event, representing a 75.5% turnout from the initial registration. Attendees included UTM researchers, laboratory personnel, and postgraduate students, as well as representatives from other higher education institutions (UKM, UPM, Taylor's University, Monash University Malaysia) and industry (SD Guthrie, MOH Pharmaceutical Technologies, Tetra Pak). The cross-institutional participation fulfilled the programme's objective of promoting research collaboration and expanding networking opportunities among participants.

This workshop marked a successful knowledge-sharing initiative under the **Department of Pharmaceutical Technology's Ceutics Sharing Session (CSS) Series**, reflecting the Faculty's commitment to continuous learning and interdisciplinary engagement. The Faculty extends its appreciation to Miss Tan Poi Teng and LMS Scientific Solution Sdn. Bhd. for their support in making the event a success, and advancing research excellence agenda within the Faculty.



