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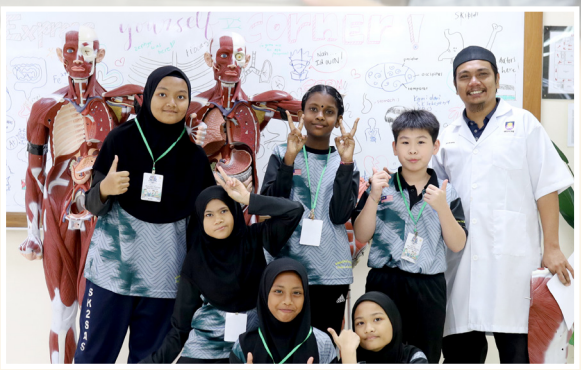
MED BULL'

FACULTY OF MEDICINE UiTM

INSPIRING CURIOSITY THROUGH ANATOMY









Through the Medical Lens

FlexMinda: Can AI change the way we deliver mental healthcare?



UiTM strengthens autism support through community engagement



Department of Ophthalmology champions eye health at L'OCCITANE Malaysia's 7th Race for Vision



Advancing forensic entomology from Malaysia To London

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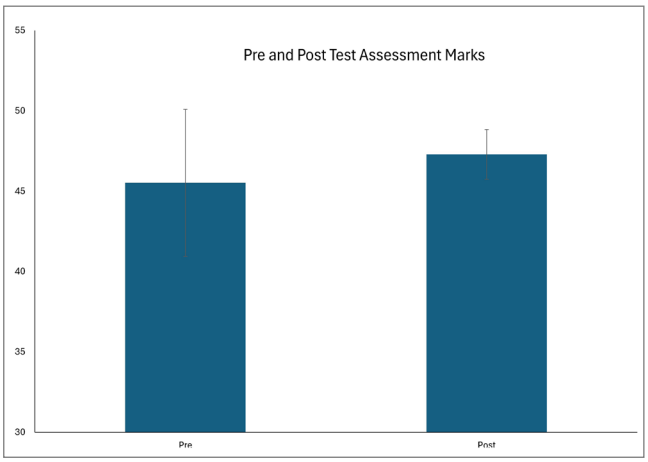


FIGURE 1: Comparison of pre- and post-assessment scores of UNIVRAB students across five pre-clinical departments. No significant difference was observed between the scores (paired t-test, p = 0.058). Data are mean ± standard deviation (SD) (n = 24); maximum score = 52.

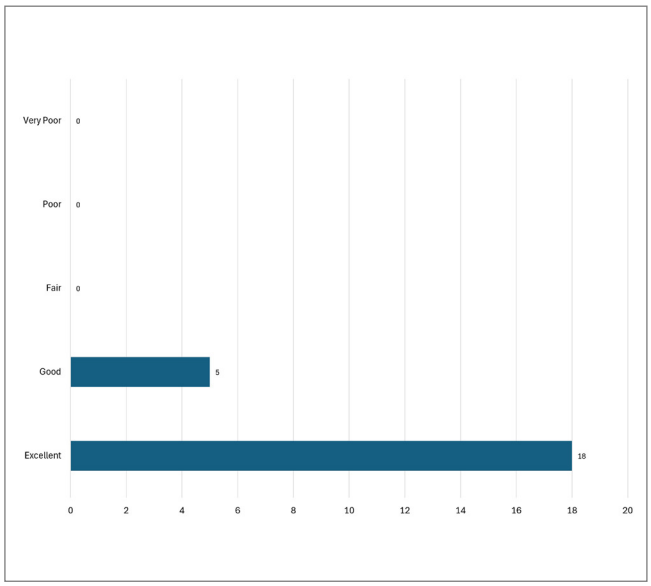


FIGURE 2: Student evaluation of the UNIVRAB-UiTM inbound programme. All respondents rated their overall experience as either "Excellent" (78%, n = 18) or "Good" (22%, n = 5) (n = 23).

UNIVRAB-UiTM INBOUND PROGRAMME: FEEDBACK, ASSESSMENT, OUTCOMES AND REFLECTIONS

Prof. Ts. Dr. Mohammad Johari Ibahim, Assoc. Prof. Dr. Alyaa R. Mahmood Al-Khateeb, Assoc. Prof. Dr. Sharaniza Ab. Rahim, Assoc. Prof. Dr. Siti Hamimah Sheikh Abdul Kadir, Assoc. Prof. Dr. Narimah Abdul Hamid Hasani & Assoc. Prof. Dr. Wan Nor I'zzah Wan Mohamad Zain

The Department of Biochemistry and Molecular Medicine, Faculty of Medicine, UiTM, successfully hosted an inbound academic programme with Universitas Abdurrab, Pekanbaru, Indonesia (UNIVRAB) from 30 March to 11 April 2026[1]. Designed to enrich student learning through academic exchange, the programme provided UNIVRAB students with the opportunity to experience UiTM's pre-clinical learning environment while engaging with students and staff from different cultural backgrounds.

The programme also incorporated structured pre- and post-assessments to explore students' academic progress. Across 24 paired assessments, the mean score increased from 45.46 to 47.29, although the difference was not statistically significant (p = 0.058) (Figure 1). Notably, the minimum score increased from 31 in the pre-assessment to 45 in the

post-assessment, suggesting a possible improvement among students who started with lower baseline scores.

Beyond academic outcomes, the programme received highly positive feedback. All respondents rated their overall experience as either "Excellent" (78%) or "Good" (22%), with most indicating that they would recommend the programme to others (Figure 2). Among the teaching and learning activities, Problem-Based Learning (PBL) was rated the most effective format for knowledge acquisition (39%), followed by Team-Based Learning (TBL) (22%) (Figure 3). Anatomy emerged as the most favoured subject (57%), followed by Physiology, Biochemistry, and Pathology (Figure 4).

The experience extended beyond the classroom. The buddy system provided valuable peer support and helped students adapt to the programme, while the Cultural Night and Closing Ceremony were the most enjoyed extracurricular activities (57%) (Figure 5). Students also appreciated the opportunity to build international friendships and experience Malaysian culture.

Feedback from participants highlighted several

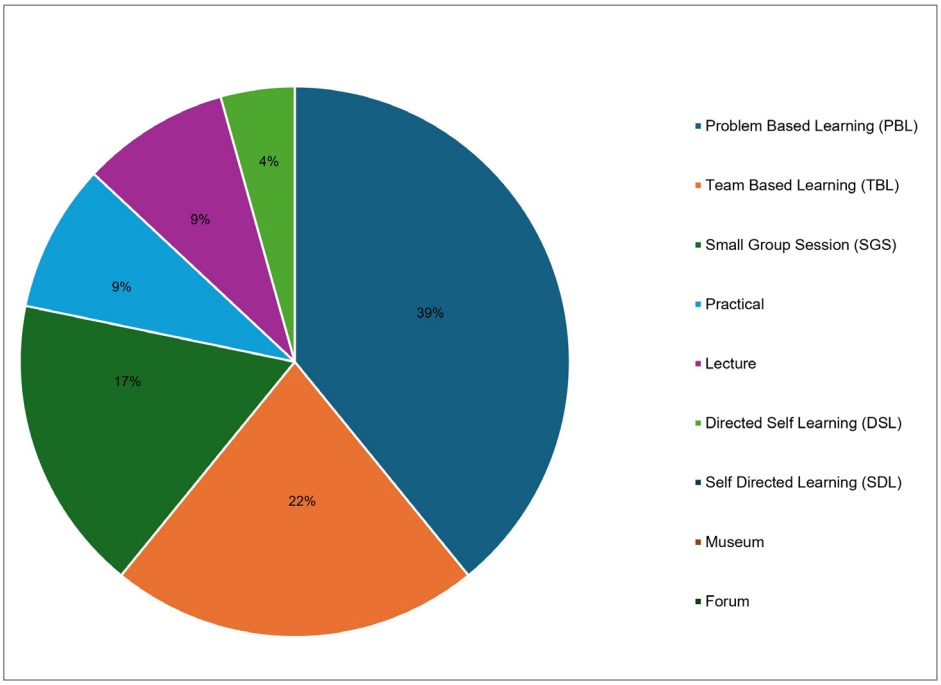


FIGURE 3: Student evaluation of teaching-learning formats for knowledge acquisition during the UNIVRAB-UiTM inbound programme (n = 23). Problem-Based Learning (PBL) was rated highest (39%), followed by Team-Based Learning (TBL; 22%) and Small Group Sessions (SGS; 17%).

> **From the organisers' perspective, coordinating activities across multiple departments presented logistical challenges, particularly in aligning schedules and managing buddy groupings.**

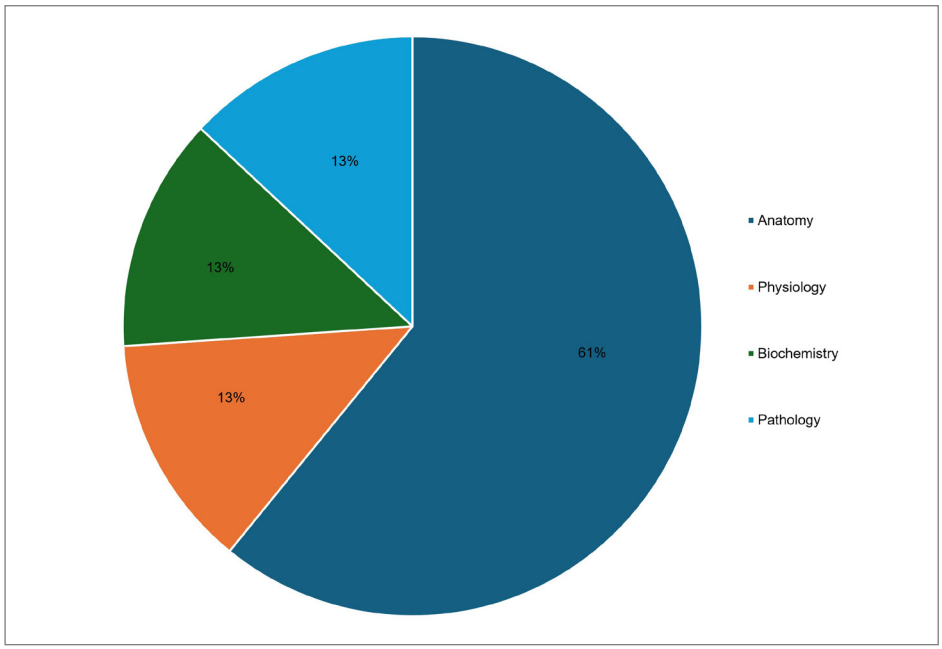


FIGURE 4: Student preference for academic subjects during the UNIVRAB-UiTM inbound programme (n = 23). Anatomy was the most enjoyed subject (56.5%, n = 13), followed by equal preferences for Physiology, Biochemistry, and Pathology (13%, n = 3 each).

areas for future improvement, including greater hands-on clinical exposure, longer hospital visits, and an extended programme duration. Students also suggested earlier orientation on academic acronyms, earlier communication about cultural activities, weekend scheduling for evening events, improved buddy communication, more sightseeing opportunities, and greater consideration of accommodation distance.

From the organisers' perspective, coordinating activities across multiple departments presented logistical challenges, particularly in aligning schedules and managing buddy groupings.

Overall, the UNIVRAB–UiTM inbound programme provided a valuable platform for academic enrichment, intercultural exchange, and student engagement. The positive feedback and practical recommendations gathered will help shape future inbound programmes and strengthen UiTM's international academic collaborations

References:
1. Zain WM, I'zzah WN, Abdul Rahman A, Abd Muid S, Yung An C, Mokhtar SS. Univrab-UiTM inbound programme: academic exchange and student experience. Med Bull'. 2026(2):8-17.

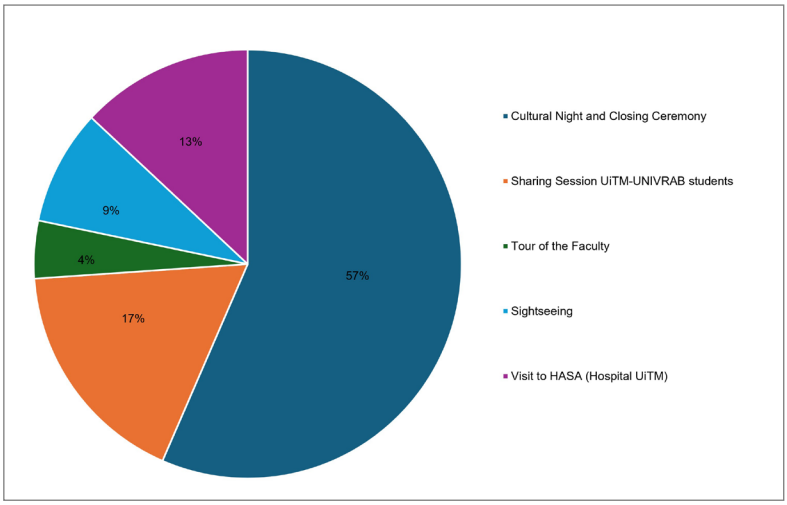


FIGURE 5: Student evaluation of extracurricular activities during the UNIVRAB-UiTM inbound programme (n = 23). The Cultural Night and Closing Ceremony were rated most enjoyable (57%), followed by the UiTM-UNIVRAB Sharing Session (17%).