



الجامعة الإسلامية العالمية ماليزيا  
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA  
بُونْدُوسْتِي اِسْلَامَا اِنْتَارَا اِنْدُونِيسِيَا  
Garden of Knowledge and Virtue

TAWHIDIC EPISTEMOLOGY  
LEADING THE WAY

UMMATIC EXCELLENCE  
LEADING THE WORLD

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KICT NEWSLETTER

# SPECTRUM

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## **STUDENT & STAFF MOBILITY PROGRAMME 2025 TO INDONESIA**

*Academic Collaboration and Cultural Engagement*

## **STRATEGIC IMPACT OF EXPERIENTIAL LEARNING** *through student mobility*

## **IoT EAMS & MIMOS SUPERCOMPUTING WORKSHOP** *Shaping the Future of High Performance Computing*

## **ETHICAL DESIGN WORKSHOP INSPIRE YOUNG MINDS** *At SMK Bukit Kuching Tengah*

## **OUTCOME-BASED EDUCATION SERIES #6** *Understanding Alternative Assessment under OBE*

## **BENGKEL HALA-TUJU NADMA-AKADEMIA** *Strengthening Research Network for Disaster Preparedness*

\*Cover photo: Masjid Istiqlal, Jakarta

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## Message from the Editor

*Assalamu'alaikum warahmatullahi wabarakatuh,*

It is my great pleasure to welcome you to the 9th issue of KICT Spectrum. This newsletter serves as a reflection of our collective journey celebrating achievements, sharing knowledge, and strengthening the spirit of our community.

In this edition, we showcase the outstanding contributions of our staff and students, including staff mobility, community engagement activities, postgraduate achievements, impactful workshops, research publications, and insightful talks and seminars. These accomplishments not only highlight individual excellence but also reinforce KICT's position as a hub of knowledge and innovation.

As we look ahead, I encourage everyone to remain steadfast in upholding academic excellence, advancing research, and fostering meaningful collaboration. Your dedication whether through teaching, research, or service to the community is what enables KICT to continue thriving.

I would also like to express my sincere appreciation to all contributors and the editorial team for their commitment in bringing this newsletter to life. May it serve as a source of inspiration and connection for us all.

Best regards,  
Hazwani  
*Chief Editor*

# THE STRATEGIC IMPACT OF EXPERIENTIAL LEARNING THROUGH STUDENTS MOBILITY



Article by:

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*From the 12th to the 19th of August 2025, the Kulliyah of Information and Communication Technology (KICT) successfully executed a strategic student*

mobility program in Jakarta, Indonesia, in partnership with Universitas Raharja (UR). This initiative exemplifies KICT's commitment to experiential learning, providing students with an immersive platform to translate academic theory into practical, real-world application. The week-long engagement was a rigorous exercise in personal and professional development, designed to build competencies that transcend geographical and cultural boundaries.



## TRANSFORMATIVE LEARNING BEYOND THE CLASSROOM

Student mobility is a cornerstone of modern pedagogy, recognized as a high-impact practice for holistic development. By moving the learning environment into a global context, we challenge students to engage directly with the complexities of the world. This program was designed to be more than a trip instead can be considered as applied learning laboratory.



## DEVELOPING A GLOBAL MINDSET AND PERSONAL RESILIENCE

A primary outcome of international experiential learning is the cultivation of a sophisticated global perspective. By navigating a new cultural and academic landscape, our students were compelled to adapt and solve problems independently. This was evident not just in formal sessions, but in everyday interactions—from navigating Tangerang to try local street food like "es duren" and "martabak manis," to engaging with local artisans at the Batik Trusmi.



Immersing themselves in Indonesia's rich heritage at landmarks like the **Keraton Kasepuhan** palace and the **Istiqlal Mosque** provided deep, contextual learning. A particularly powerful moment was walking through the **Terowongan Silaturahmi**, an underground tunnel connecting the mosque and the Jakarta Cathedral, which served as a profound symbol of interfaith harmony. These direct experiences pushed students beyond their comfort zones, enhancing their self-confidence and nurturing a more nuanced understanding of diverse societal norms.

## CULTIVATING ESSENTIAL PROFESSIONAL COMPETENCIES

The program was intentionally structured to develop the skills critical for success in the global technology sector. Through hands-on engagement, students honed key professional attributes:

- **Advanced Problem-Solving in Action:** The hands-on **AI workshop** a highlight, where students moved beyond theory to build practical systems like a Netflix Recommendation Engine and a Gmail Security Shield.

- **Collaborative Synergy and Leadership:** The **International Conference on Communication and Information Technology (ICCIT) 2025** at Universitas Catur Insan Cendekia (UCIC) provided a unique platform for professional growth. Ten of our students took on the role of Co-Session Chairs, where they were responsible for managing sessions and assisting international presenters.



- **Intercultural Communication:** From the initial ice-breaking session to sharing a dinner with their Indonesian peers, students constantly practiced effective and culturally sensitive communication. These informal interactions were just as valuable as the formal academic sessions, providing priceless training for navigating multicultural settings.

*"These programs are instrumental in shaping not just skilled professionals, but adaptable, culturally aware leaders of tomorrow. We witnessed remarkable growth in our students in just one week."*

*– KICT Program Coordinator (Dr. Noor Azura Zakaria)*

## **ACKNOWLEDGEMENT TO OUR ESTEEMED FACULTY**

This impactful program was made possible by the dedication and leadership of our esteemed lecturers:

- Prof. Emeritus Dato' Ts. Dr. Tengku Mohd bin Tengku Sembok
- Prof. Dr. Abdul Wahab Abdul Rahman
- Asst. Prof. Dr. Nor Saadah binti Md Nor
- Asst. Prof. Dr. Nurhafizah binti Mahri
- Asst. Prof. Dr. Suhaila binti Samsuri
- Asst. Prof. Dr. Noor Azura binti Zakaria
- Asst. Prof. Dr. Nur-Adib Maspo

## **PUBLISHING A CASE STUDY**

To further analyze and share the profound impact of this mobility program, the team has initiated a questionnaire to develop and publish a detailed case study. This report will formally document the outcomes of the initiative, focusing specifically on its success as a model for high-impact experiential learning. The case study will serve as a valuable resource for academic and institutional advancement, providing a blueprint for designing future international collaborations.

## **CONCLUSION**

The success of the mobility program with Universitas Raharja marks a significant milestone in KICT's internationalization strategy. We are dedicated to providing our students with high-impact educational opportunities that equip them with a competitive edge in a globalized world.

We extend our sincere gratitude to Universitas Raharja and UCIC for their invaluable partnership and warm hospitality. We look forward to strengthening this collaboration and developing future initiatives that empower our students to learn, connect, and lead.