



KICT NEWSLETTER

SPECTRUM

October 2025

Issue 9

EISSN 3083-9904

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

Academic Collaboration and Cultural Engagement

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

IoTEAMS & 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

TABLE OF CONTENTS

MESSAGE FROM THE EDITOR	3
REPORTS ON ACTIVITIES	
• Outcome-Based Education Series #6 – Understanding Alternative Assessment	4
• Staff Mobility Programme to Indonesia 2025: Academic Collaboration and Cultural Engagement	7
• Student Mobility 2025: KICT Students in Indonesian Universities	13
• The Strategic Impact of Experiential Learning through Student Mobility	20
• IoTeams and MIMOS Supercomputing Workshop: Shaping the Future of High Performance Computing	24
• Ethical Design Workshop Inspires Young Minds from SMK Bukit Kuching Tengah	26
• ‘Bengkel Hala Tuju Rakan NADMA - Akademia’: Strengthening Research Networks and Disaster Preparedness	30
NEW APPOINTMENTS	34
STAFF ACHIEVEMENTS	
• Research Project Completion	35
• Invited Keynote Speaker	37
POSTGRADUATE STUDENTS ACHIEVEMENTS	
• Completion of PhD Viva-voce	38
• Completion of Viva (PTEM)	39
• Completion of Proposal Defense	40
KULLIYYAH ACTIVITIES	
TALK & SEMINARS	42
RESEARCH TIPS AND FAQ	47
PUBLICATIONS	48
	49

EDITORIAL BOARD

CHIEF EDITOR

ASST.PROF. TS. DR. HAZWANI
MOHD MOHADIS

SECTION EDITOR

- ASST. PROF. DR. NURAZLIN
ZAINAL AZMI
- ASST. PROF. DR. NOR
SA'ADAH MD NOR
- ASST. PROF. TS DR. HAFIZAH
MANSOR
- ASST. PROF. DR. SHAKIROH
KHAMIS
- ASST. PROF. TS. DR. AHMAD
ANWAR ZAINUDDIN
- ASST. PROF. DR. ATIKAH
BALQIS BASRI
- ASST. PROF. DR.
NURHAFIZAH MAHRI
- MDM NOOR AZIAN
MOHAMMAD ALI

COMMUNICATION MANAGER
NURLAILI SANADI

GRAPHIC DESIGNER
NORFARHANAH RAMLI

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

STUDENT MOBILITY 2025

KICT STUDENTS IN INDONESIAN UNIVERSITIES

Article by:



ASSISTANT
PROFESSOR DR. NUR-
ADIB MASPO
Department of Computer
Science
nuradibmaspo@iium.edu.my



ASSISTANT
PROFESSOR DR. NOOR
AZURA BINTI ZAKARIA
Department of Computer
Science
azurazakaria@iium.edu.my



ASSISTANT PROFESSOR
DR. SUAHILA BINTI
SAMSURI
Department of Information
Systems
suhailasamsuri@iium.edu.my



ASSISTANT PROFESSOR
DR. NURHAFIZAH BINTI
MAHRI
Department of Information
Systems
nurhafizahm@iium.edu.my



ASSISTANT PROFESSOR
DR. NOR SAADAH BINTI
MD NOR
Department of Library and
Information Science
norsaadahnor@iium.edu.my



PROF. EMERITUS DATO'
TS. DR. TENGKU MOHD
BIN TENGKU SEMBOK
Department of Computer
Science
tmts@iium.edu.my



PROFESSOR DR.
ABDUL WAHAB BIN
ABDUL RAHMAN
Department of Computer
Science
abdulwahab@iium.edu.my



The recent student mobility program between the Kulliyyah of Information and Communication Technology (KICT), IIUM, and Indonesian universities marked an enriching exchange of knowledge and culture. From 6th to 12th August 2025, KICT had the honor of hosting 14 students and 3 lecturers from Indonesia. During their stay, the delegates joined academic activities, discussions, and cultural programs that helped build networks and mutual understanding.

Following this, 15 KICT students accompanied by 7 KICT staff were given the opportunity to visit Indonesian universities from 12th to 19th August 2025. The program allowed students to learn in new academic settings, gain wider perspectives, and improve their knowledge through international collaboration. This exchange strengthened academic ties and helped students become future-ready with global exposure and cross-cultural skills.

Information provided by KICT Mobility Students:

Nina Syahira Azman, Siti Nur Raihannah Mohd Nazrul, Zullaikha Zulzahrin, Ungku Qistina Ungku Mohd Faris, Sofeah Khairun Nisa Asman, Nur Iman Amani Ahmad Akhir, Syed Muhammad Afiq Idid Syed Azli Idid, Soleha Puteri Mohamad Ramli, Nur Syazwani Sadzmer, Hannah Batrisyia Mohd Azhar, Farhan Affan S. Salahudin, Farah Irdina Ahmad Zulkiflee, Nurul Balqis Jamhari, Nur Naqiyah Murshidah Ahmad Wudan Nadzran, Azwa Nurnisya Ayub



CAMPUS & TANGERANG TOUR



We arrived at Universitas Raharja (UR) and started off with a short ice breaking session with the lecturers, which helped us get more comfortable with everyone. After that, we went on a campus tour around UR to explore the facilities and get a feel of the environment there.

In the afternoon, after exploring their campus we headed to TangCity Mall just opposite of UR for some light shopping before trying out street food nearby. Some of the highlights were "es duren" which is a durian flavored ice cream and "podeng es", which were really refreshing and something new for us. Later on, we went to Pasar Lama to buy some snacks and experience the local vibe. There were a lot of traditional and new foods at Pasar Lama, so we tried some and it was really good and enjoyable. We tried their local food such as "martabak manis" and "telur gulung".

For dinner, we enjoyed a shellout meal together at a restaurant called D'Jajan Seafood which was both filling and fun. We all sat down in the same room and ate together along with the lecturers and students from university of raharja. After a long but exciting day, we made our way back to the hotel to rest and prepare for the next day.



ES DUREN



PODENG ES



DINNER AT D'JAJAN SEAFOOD

EXPLORING EDUCATION



On 14 August 2025, we went to Sekolah Pelita Bangsa (SPB) in Cirebon which offers global-standard education from Early Childhood to Junior College, all accredited 'A' by BAN. As a Cambridge International School and HSK testing center, SPB emphasizes English, Mandarin, and Indonesian, creating a supportive "second home" environment with strong parent partnerships and diversity values. Facilities include an auditorium, playgrounds, library, labs, sports arena, and cafeteria. We also visited English 1 Cirebon Taman Cipto, focused on expressive English learning, before moving to Swiss-Bell and Sutan Raja Hotel for the conference.

ICCIT DAY

Our fourth day in Indonesia was dedicated to the International Conference on Communication and Information Technology (ICCIT) 2025, beginning with the Opening Ceremony in the morning. During lunch, we explored Ramnu Café, enjoying its cozy atmosphere and signature spicy dishes that showcased the city's food culture. In the afternoon, 10 of us served as Co-Session Chairs, assisting with presentations, managing sessions, and gaining valuable communication and leadership skills while witnessing innovative projects from different countries, while the others attended the discussion about technology with the lecturers.



The day concluded with the Closing Ceremony and Gala Night, featuring captivating traditional Indonesian dances and the presentation of certificates of student exchange by the rectors of UCIC and UR. It was a memorable day filled with learning, cultural appreciation, and celebration.

CIREBON TOUR

Our final day in Cirebon was dedicated to exploring the city's rich cultural and Islamic heritage. We began with a visit to Keraton Kasepuhan, the 15th-century palace of the Sultanate of Cirebon, where we learned how Javanese, Islamic, and European influences shaped its architecture and history. For example, the intricate carvings and spacious courtyards reflected Javanese culture, while the presence of a royal mosque and Islamic motifs symbolized the influence of Islam in governance and daily life. Additionally, some structures showed Dutch colonial influence, which demonstrated the multi-layered history of the region. Afterward, we explored Batik Trusmi, a renowned batik center, where we discovered Cirebon's signature Mega Mendung motif, engaged with local artisans, and observed how the batik industry sustains local communities. The day concluded with our departure back to Tangerang, carrying meaningful reflections on culture, history, and heritage preservation.



JAKARTA TOUR



Our day in Jakarta began with a visit to Thamrin City, where we enjoyed shopping for affordable batik, traditional outfits, and accessories while experiencing Indonesia's cultural identity through fashion and craftsmanship.

In the afternoon, we visited the magnificent Istiqlal Mosque, Southeast Asia's largest mosque, where a guided tour revealed its deep architectural symbolism tied to Islam and Indonesia's independence.

We also shared a meaningful lunch at Terasultan Restaurant, followed by a rare chance to walk through the Terowongan Silaturahim, the underground tunnel connecting Istiqlal Mosque and Jakarta Cathedral, symbolizing interfaith harmony.

In the evening, we had a relaxing visit to PIK 2 (Kota Belanda), a scenic area inspired by Dutch architecture, where we had dinner and free time before heading back to our accommodation.

STUDENT EXCHANGE PROGRAM (INBOUND)

WELCOME TO IIUM

6 - 12 AUGUST 2025



UR
ESTER ANANDA
NATALIA



UR
ELISA ANANDA
NATALIA



UR
Kanda Lentera
Ahsanlateef



UR
MUHAMMAD
RIFAT SYAUQY



UR
MEGA LESTARI



UR
ANANDHA
FITRIANI



UR
JOYCE FEBBY
URSULA



UR
CAHYA KUMALA
DEWI



UR
RAIHAN



UR
SYLVA DWIJANTI



UR
PRIMA HAFIDZ
MUMTAZI



UCIC
MUHAMMAD
SAEFUL ANWAR



UCIC
YOSAFATTRINONI
ANTO



UEU
JUHDIJANTO

STUDENT EXCHANGE PROGRAM (OUTBOUND)

TO JAKARTA, INDONESIA

12 - 19 AUGUST 2025



KICT
AZWA NURNISYA
BINTI AYUB



KICT
ZULLAIKHA BINTI
ZULZAHIRIN



KICT
NUR IMAN AMANI
BINTI AHMAD
AKHIR



KICT
FARAH IRDINA
BINTI AHMAD
ZULKIFLEE



KICT
NINA SYAHIRA
BINTI AZMAN



KICT
SOFEAH KHAIRUN
NISA BINTI
ASMAN



KICT
NUR SYAZWANI
BINTI SADZMER



KICT
FARHAN AFFAN
BIN S SALAHUDIN



KICT
HANNAH
BATRISYIA BINTI
MOHD AZHAR



KICT
NURUL BALQIS
BINTI JAMHARI



KICT
SITI NUR
RAIHANAH BINTI
MOHD NAZRUL



KICT
UNGKU QISTINA
BINTI UNGKU
MOHD FARIS



KICT
SYED
MUHAMMAD AFIQ
IDID BIN SYED
AZLI IDID



KICT
NUR NAQIYAH
MURSHIDAH BINTI
AHMAD WUDAN
NADZRAN



KICT
SOLEHA PUTERI
BINTI MOHAMAD
RAMLI