



ENGINEERING & SUSTAINABILITY SUMMER SCHOOL

(ES3) @BANGI

2 WEEKS PROGRAMME

FACULTY OF ENGINEERING AND BUILT ENVIRONMENT,
UNIVERSITI KEBANGSAAN MALAYSIA



CONTACT
US FOR MORE
INFORMATION



E1: INDUSTRIAL SAFETY

This module designed to introduce students to the fundamentals of safety in industrial environments. It covers basic safety principles, hazard identification, and the importance of following standard operating procedures to prevent accidents.



E2: IG-HOME

This interactive module encourages creative thinking and basic engineering skills to develop innovative solutions for everyday challenges, while promoting practical problem-solving and sustainable living.



E3: DRONE RACE

The Drone module introduces participants to the basic concepts and functions of drone technology through an engaging, hands-on session. This module combines technical learning with fun, competitive experience.

9 SUMMER SCHOOL MODULE



E4: BATIK WORKSHOP

This module module offers students a hands-on experience in traditional batik-making, where they learn the art of canting to create their own designs. Participants will complete and bring home their personalized batik craft.



E5: KELULUT HONEY

Comprises of 3 module, participants will get to taste fresh honey directly from the stingless bee nest and take part in creating simple, honey-based products. It's a fun blend of science, nature, and creativity!



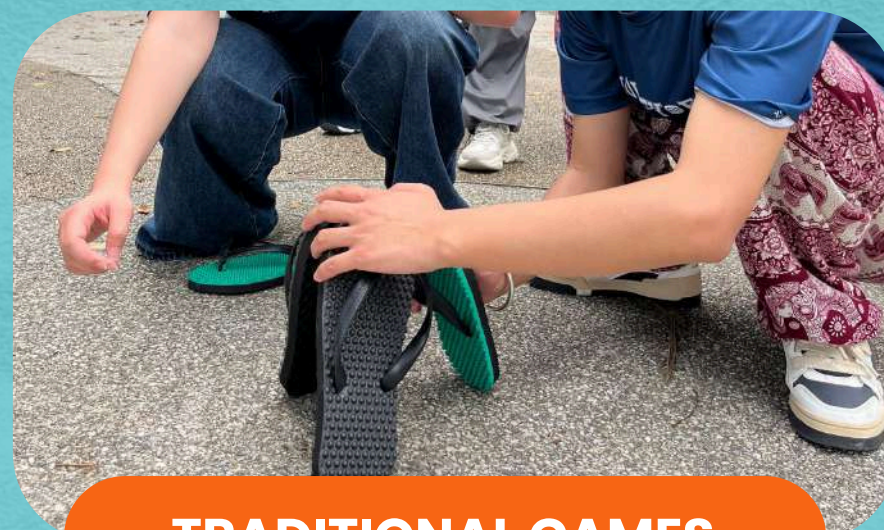
WAYANG KULIT

The Wayang Kulit module immerses students in the rich cultural history of traditional shadow puppetry. Participants will learn the origins and significance of wayang kulit, then create and perform their own shadow puppet story.



KLCC

This module takes students to Pasar Seni for a taste of local art and culture, followed by a visit to the iconic KLCC for a modern city experience. It's a blend of heritage and urban exploration.



TRADITIONAL GAMES

This module lets students experience Malaysian culture through traditional games such as congkak, batu seremban, and tarik upih. They'll compete in friendly matches, promoting teamwork, fun, and cultural appreciation.



PUTRAJAYA

This module brings students to iconic spots in Putrajaya such as Masjid Putra, Place of Justice and more! Along with a fun kayaking session—blending culture, nature, and adventure in one experience.

IN-CAMPUS ACCOMMODATION

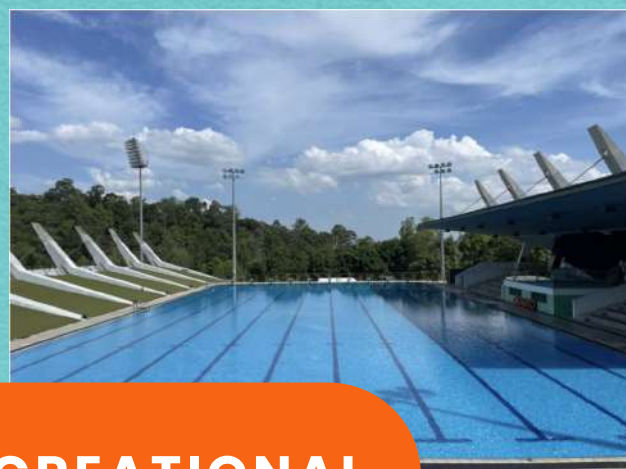
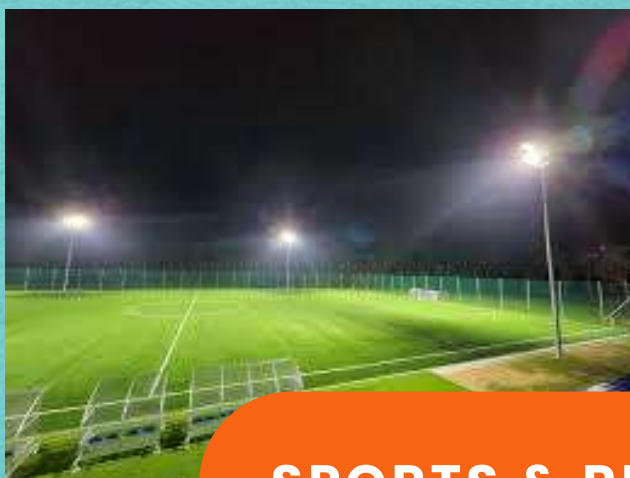


**KOLEJ IBU ZAIN
(KIZ)**

**KOLEJ KERIS MAS
(KKM)**

- Air-Conditioned
- Wi-Fi
- laundry
- Parking lot
- Feeder Bus Service
- Sport Court nearby
- CCTV and Security
- Cafe
- Common areas
- Study lounge
- Student support office
- ATM Machine

IN-CAMPUS FACILITIES



SPORTS & RECREATIONAL



PTSL LIBRARY



PUSANIKA UKM



UKM SHUTTLE BUS

Tentative - Engineering and Sustainability Summer School

WEEK 1

Day 1

Sunday	9.00am	Registration
	10.00am	Welcoming Session
	11.00am	Ice Breaking Session/Games
	12.00pm	Program Briefing & Get to Know UKM and FKAB

Day 3

Tuesday	9.00am	Kayaking@Putrajaya
	2.00pm	Must See Putrajaya Attractions

Day 5

Thursday	9.00am	Module 3: Batik Workshop
	2.00pm	Cultural Class with PUSKEB

Day 7

Saturday	8.00am	Parkrun@FKAB
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Day 2

Monday	9.00am	Module 1: Industrial Safety
	2.00pm	Module 2: Drone Simulation/Race

Day 4

Wednesday	9.00am	Visit to Pasar Seni & Petaling Street
	2.00pm	KLCC

Day 6

Friday	7.30am	Zumba & Traditional Games
	2.00pm	Module 4: Basic of Wayang Kulit

WEEK 2

Day 8

Sunday	Free and easy Breakfast will be provided
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Day 10

Tuesday	9.00am	Module 8: Kelulut Honey by YSD
	2.00pm	Module 9: Design Thinking workshop
	8.00pm	Night market experience

Day 12

Thursday	9.00am	Rehearsal for closing ceremony
	2.00pm	Closing ceremony
	8.00pm	BBQ night

Day 14

Saturday	8.00am	Checkout
	10.00am	Visit to Mitsui Premium Outlet
	4.00pm	KLIA

Day 9

Monday	9.00am	Module 6: Replanting - Carbon Foot print
	2.00pm	Module 7: Organic farming

Day 11

Wednesday	9.00am	Module 10: Research Methodology
	2.00pm	Post-Graduate Talk by Siswazah FKAB

Day 13

Friday	7.30am	Visit to Melaka
	4.00pm	Volleyball by the beach

CONTACT US

Pejabat Mobiliti dan Kolaborasi (PMK)

Mobility and Collaboration Office

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