



HK20

Bachelor of Electronic Engineering (Computer) with Honours

Electronic Engineering (Computer)

**Electronic
Engineering**



**Computer
Science**

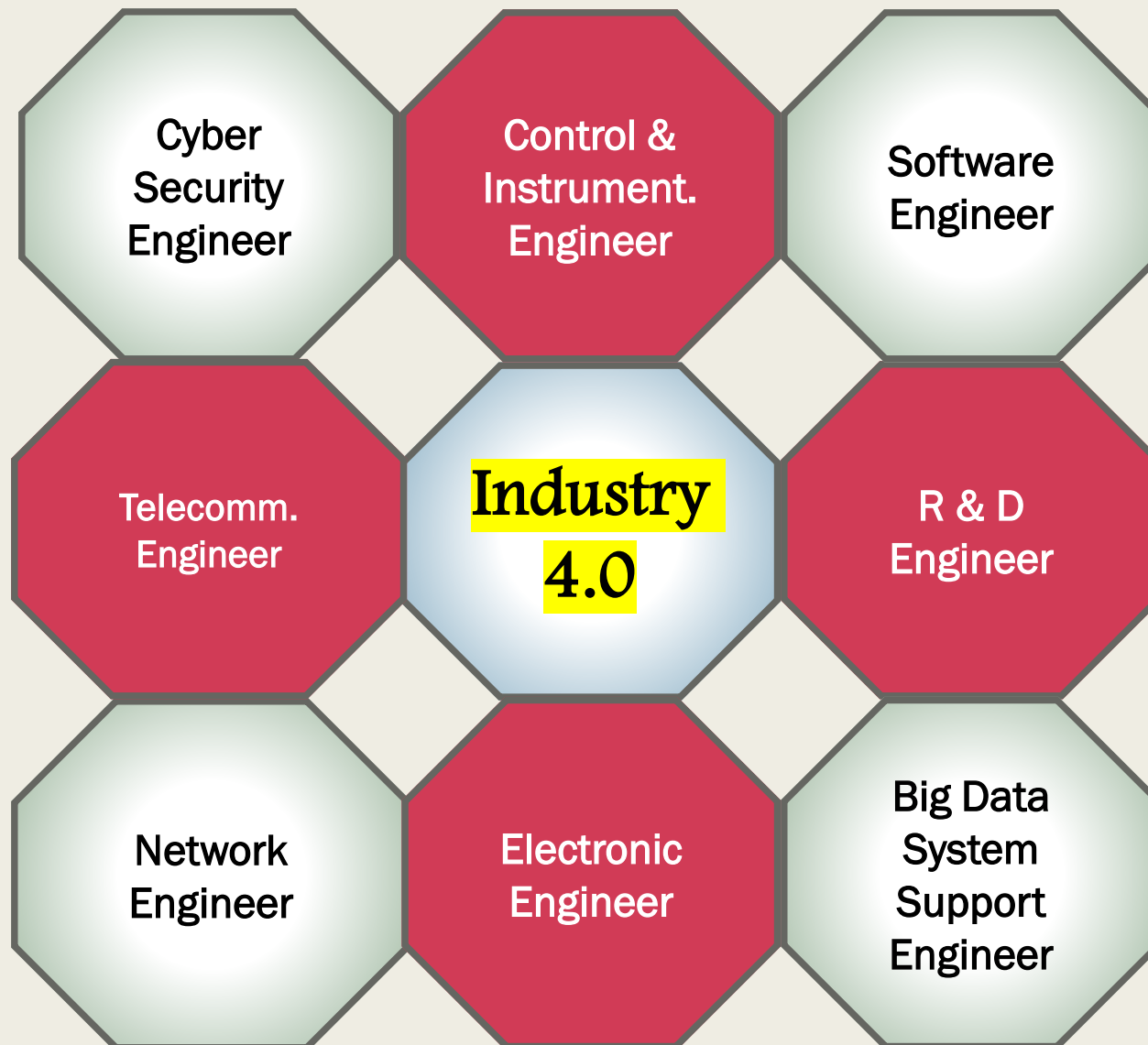
- Microprocessor
- Microelectronic
- Instrumentation
- Computer Architecture
- Embedded System
- Digital & Analog Electronics
- Wireless Communication

- Database System
- Computer Security
- Computer Network
- Operating System
- Pattern Recognition
- Software Engineering
- Data Structure and Algorithm

Career Prospect

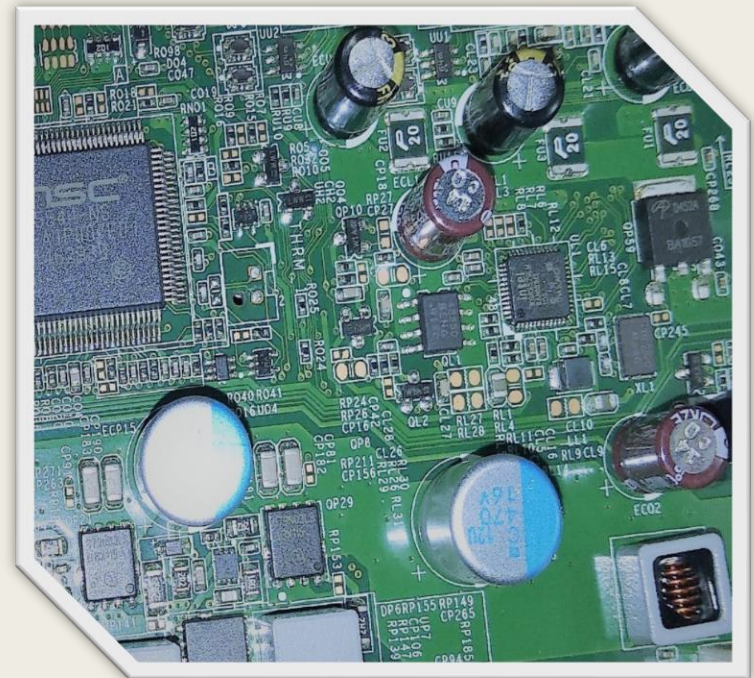
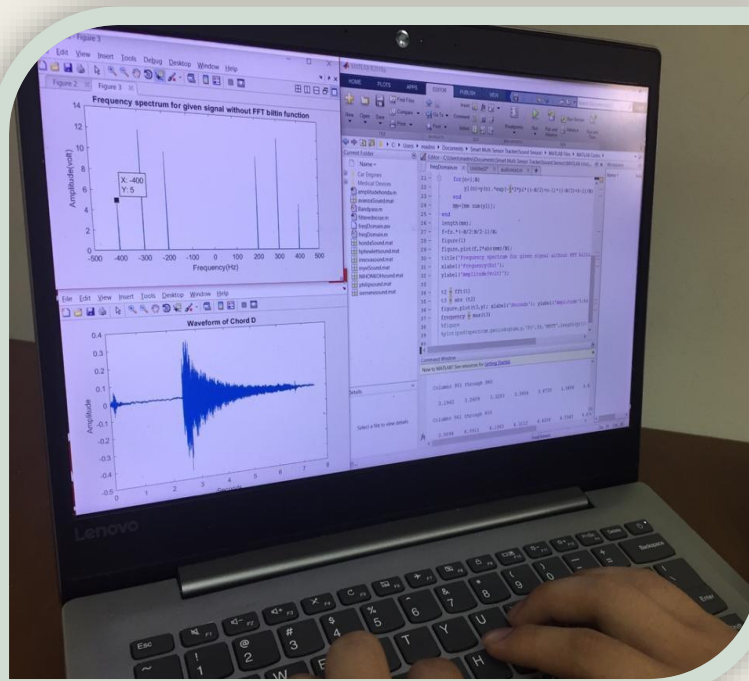


UMS
UNIVERSITI MALAYSIA SABAH



Electronic (Computer)

(Software Engineer + Electronic Engineer)



What's special about HK20?

- ✓ Accredited by BEM/EAC for **SIX** years, from 2019 to 2024.
- ✓ Courses related to Industry 4.0.
- ✓ Opportunity to do short term overseas study under *student mobility programme* and *industrial training* (previous record: *Indonesia, Thailand, Korea, Ireland*).
- ✓ Industrial engagement through talk, seminar and short courses by experienced engineers.
- ✓ Opportunity to organize social or industrial activities and join design competition through the Computer Engineering Club, the IEEE student chapter and the Robotic Club.

Industry Visit

■ SABAH AGRO-INDUSTRIAL PRECINCT (SAIP) KIMANIS, SABAH



Invited Lecturer

- Encik Rizal Hadi – Instrumentation
- Licensed Aircraft Engineer, B1 Avionics, Malaysia Airline Berhad



Invited Lecturer



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- Sabah Net Sdn Bhd
Pengarah Liawas Barukang - Computer Network



Student Project: Drone



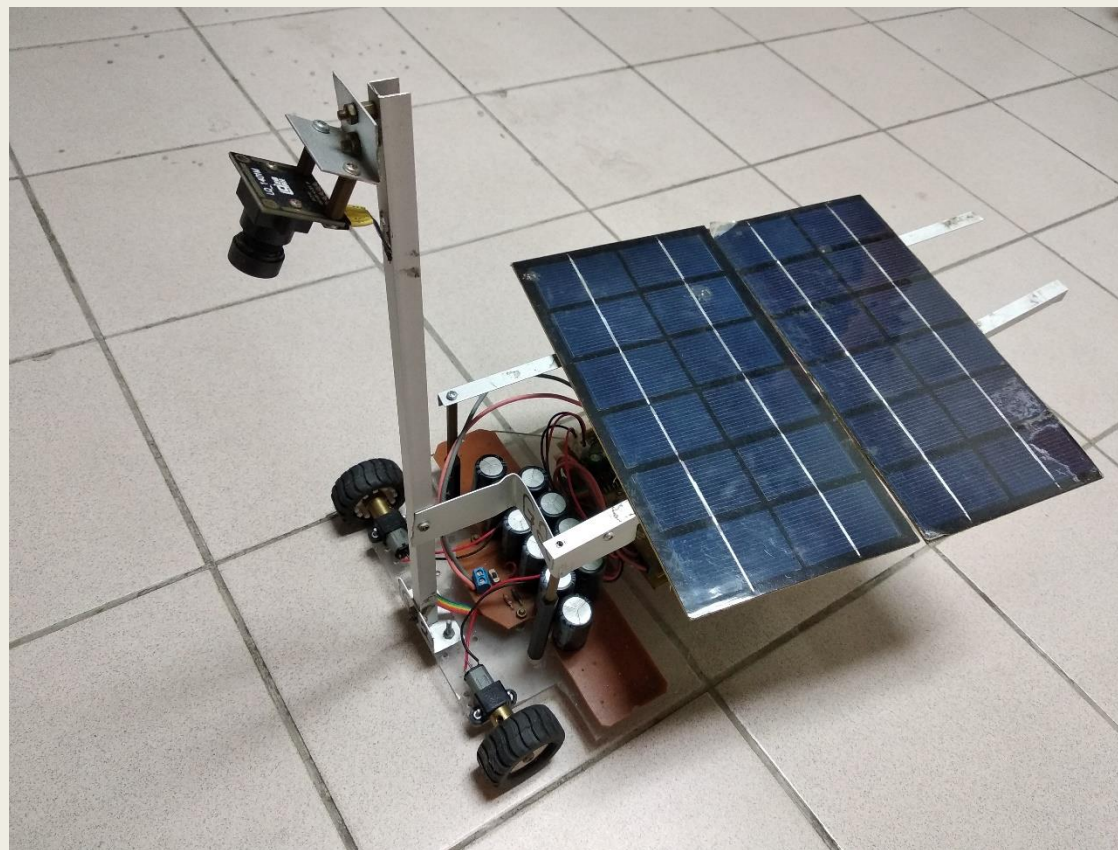
Student Project

■ Drone



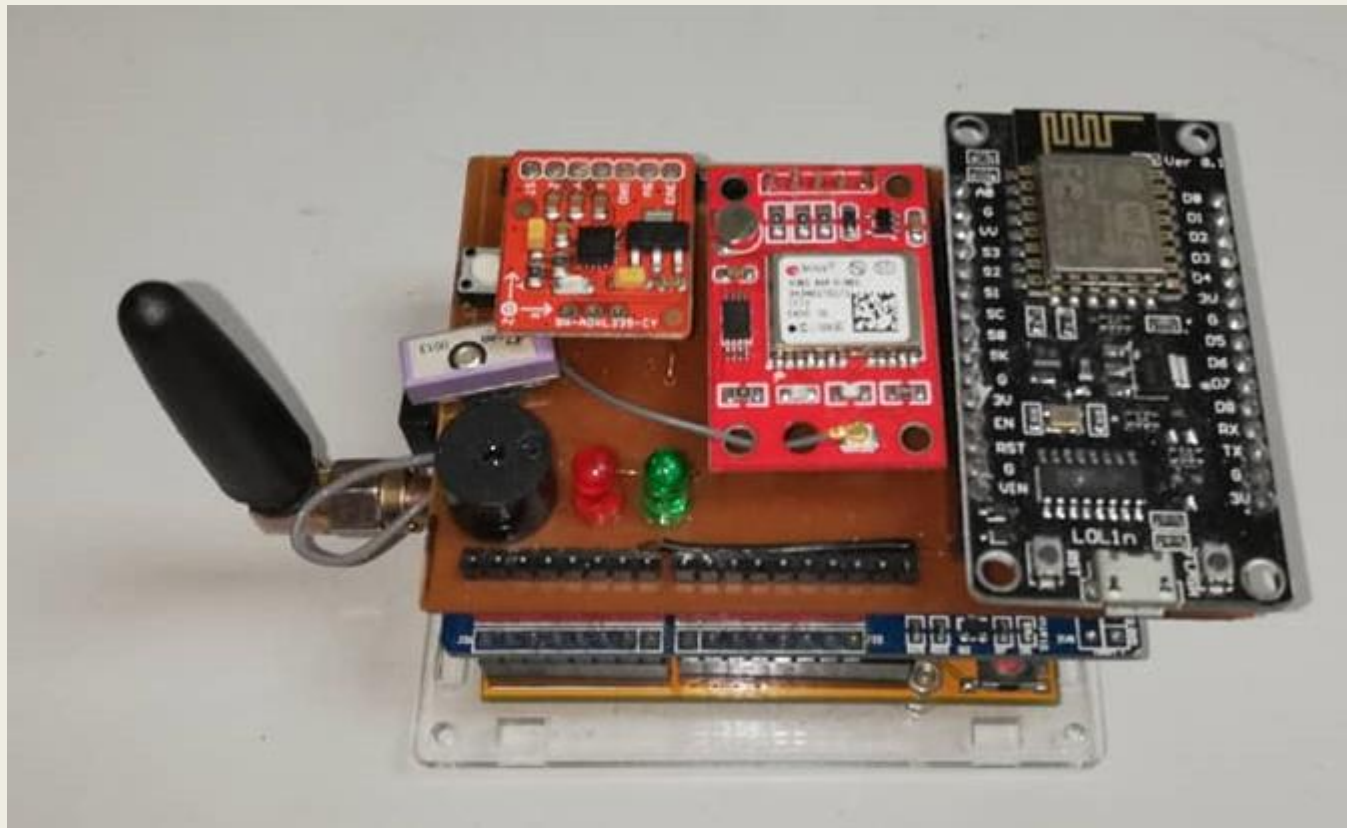
Student Project

■ Solar Car



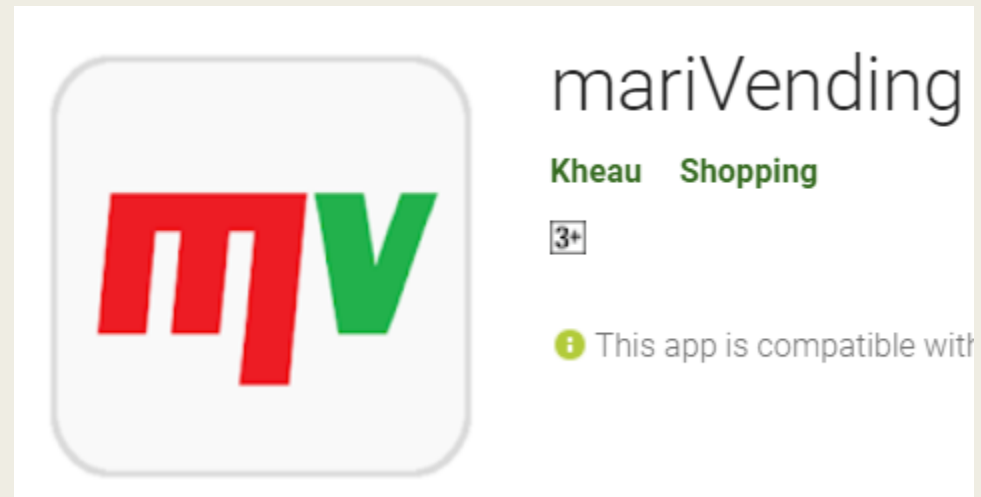
Student Project

■ IoT - Fall detection system



Student Project

■ Cashless Vending Machine



Student Project

■ Android Apps



Smart-Hadir

Universiti Malaysia Sabah Education

3+


 This app is compatible with your device.



mariVending

Kheau Shopping

3+

 This app is compatible with your device.

 Add to Wishlist

Mobility / Student Exchange

Universitas Indonesia



Mobility / Student Exchange

■ University Chiang Mai, Thailand



Mobility / Student Exchange

■ University College Cork, Ireland



Industrial Training - Korea





LEMBAGA JURUTERA MALAYSIA
BOARD OF ENGINEERS MALAYSIA
TINGKAT 17, IBU PEJABAT JKR
KOMPLEKS KERJA RAYA MALAYSIA
JALAN SULTAN SALAHUDDIN
50580 KUALA LUMPUR
MALAYSIA



Certified to ISO 9001:2008
Cert No: AR/2227



UMS
UNIVERSITI MALAYSIA SABAH

YANG DIPERTUA:
Dato' Sri Ir. Dr. Roslan bin Md Taha

PENDAFTAR:
Ir. Hizamul-din bin Ab. Rahman

SETIAUSAHA:
Ir. Shuhaimi bin Hj Sulaiman

Ref. : BEM/ACC/02-17 Jld.4 (45)

Date : 11 December 2018

Director
Accreditation Division (Engineering & Technology)
Malaysian Qualification Agency (MQA)
Mercu MQA,
No. 3539, Jalan Teknokrat 7,
Cyber 5,
63000 Cyberjaya,
SELANGOR DARUL EHSAN

Dear Sir,

**ACCREDITATION RESULT FOR BACHELOR OF ENGINEERING 4-YEAR PROGRAMME
UNIVERSITI MALAYSIA SABAH (UMS)**

The above matter refers.

2. The Engineering Accreditation Council Malaysia at its meeting held on **28 November 2018** decided to accord accreditation for the following engineering programme conducted by UMS as follows:

Programme	Type	Accredited (Graduate Year)	Discipline (Engineering)	Condition
1. Bachelor of Electronic Engineering (Computer) with Honours	4-Year Programme after STPM	2019, 2020, 2021, 2022, 2023 and 2024	Electronics	Interim to report the closure of the concerns before 2022

3. The IHL shall take action on the evaluation panel's observations as listed in APPENDIX 1 which has been endorsed by the EAC and other observations made by the evaluation panels in their accreditation report.

4. Please be informed that the accorded accreditation years are subject to the Board of Engineers Malaysia (BEM) endorsement and it reserves the right to review the decisions of EAC.

5. Please confirm that the above named programme will be used in the actual scroll conferred to the graduates, in order to prevent the mistakes in the issuance of Certificate of Accreditation.

Thank you.

Yours sincerely,

(Ir. HIZAMUL-DIN BIN AB. RAHMAN)
Registrar
BOARD OF ENGINEERS MALAYSIA



Board of Engineers Malaysia Engineering Accreditation Council (EAC)

6 years

Programme	Type	Accredited (Graduate Year)
1. Bachelor of Electronic Engineering (Computer) with Honours	4-Year Programme after STPM	2019, 2020, 2021, 2022, 2023 and 2024

Minimum Entry Requirements

■ Matrikulasi / STPM / ASASI

❖ CGPA 2.00

❖ Grade C in Mathematic dan Physic

❖ MUET Band 2

Minimum Entry Requirements

■ Diploma in Engineering / Sciences

❖ CGPA 2.50

❖ SPM - Science stream (Physic, Math)

❖ MUET Band 2