



No.1 ENTREPRENEURIAL
UNIVERSITY

SESI TAKLIMAT PROMOSI DARIPADA FAKULTI INDUSTRI ASAS TANI (FIAT) UNIVERSITI MALAYSIA KELANTAN KAMPUS JELI

TARIKH WAKTU TEMPAT

FAKULTI INDUSTRI ASAS TANI
UNIVERSITI MALAYSIA KELANTAN
KAMPUS JELI



OfficialUMK
umk.edu.my

ENTREPRENEURSHIP
is our trust

Kita
#BinaLegasiUMK
Bersama

#WeAreUMKFamily
#OneUMKOneDream

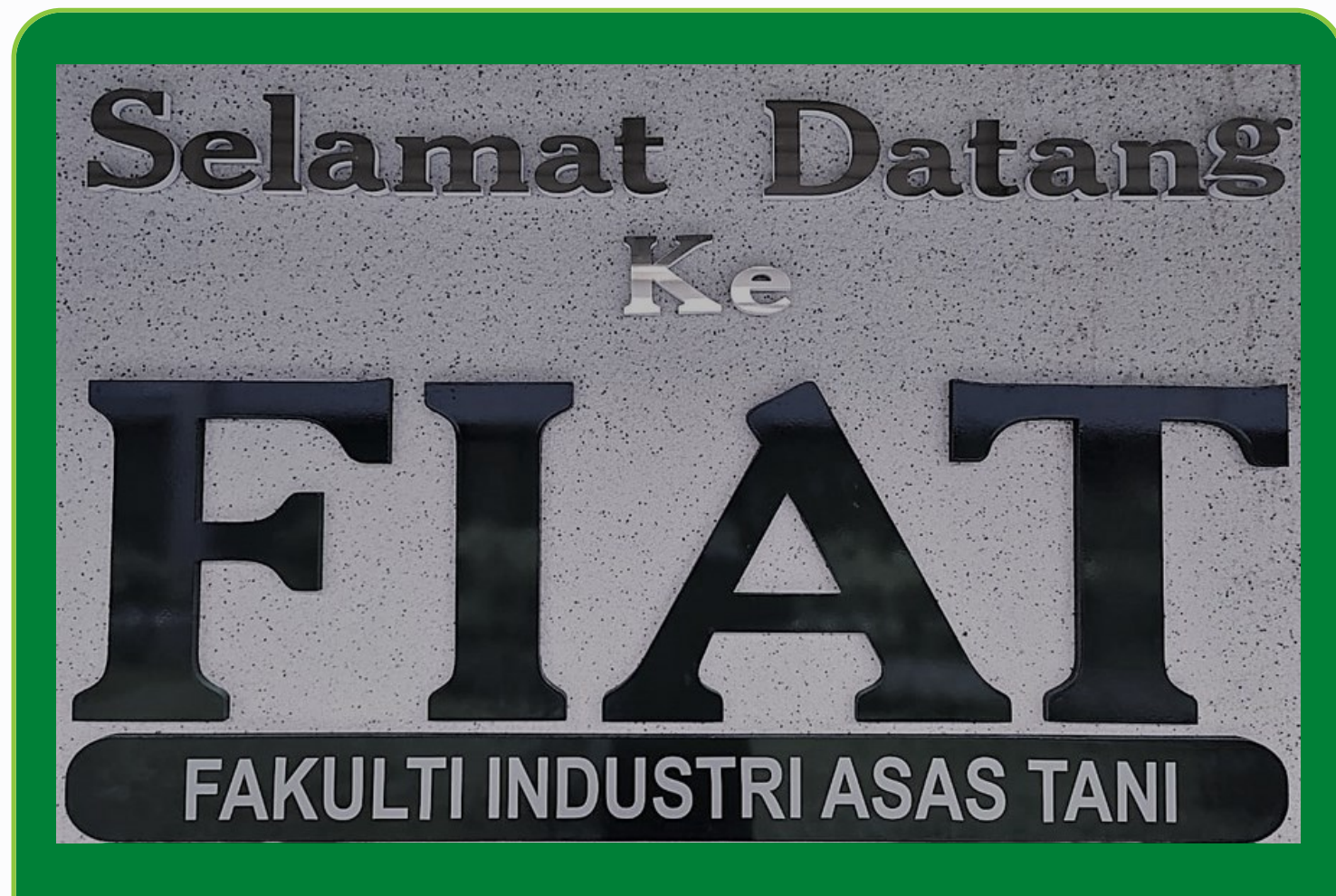
PENGENALAN FIAT

- Fakulti Industri Asas Tani (FIAT) ditubuhkan secara rasmi pada 1 April 2012 bersama dengan Fakulti Sains Bumi (FSB), setelah bernaung di bawah Fakulti Agro Industri dan Sumber Asli (FASA) sejak penubuhan UMK
- Tumpuan kepada bidang pertanian dan keusahawanan
- Menawarkan program pengajian di peringkat pascasiswazah (2 program) dan prasiswazah (4 program)

SEJARAH PENUBUHAN

2012
FIAT ditubuhkan

2022
Sambutan 10 Tahun
Penubuhan FIAT



VISI DAN MISI FIAT



VISI

Pemimpin dalam penyepaduan sains dan teknologi dengan keusahawanan untuk pembangunan modal insan kelas pertama



MISI

- Menyediakan ilmu pengetahuan dan kepakaran yang berkualiti tinggi berteraskan agro industri
- Menjalankan penyelidikan dan pengkomersialan hasil penyelidikan untuk kelestarian manusia sejagat dan penjana ekonomi negara.
- Memberi perkhidmatan dan mewujudkan rangkaian kerjasama bagi memenuhi tanggungjawab sosial.

Dengan matlamat

- Melahirkan modal insan berkualiti untuk memacu pembangunan negara melalui
- Penyediaan prasarana, sistem penyampaian dan sumber manusia yang bertaraf dunia.

Yang disokong

- Warga fakulti yang mempunyai moral dan etika yang tinggi, profesional dan berinovasi yang mampu menjana perubahan melalui pemuafakatan.
- Mengukuhkan hubungan antara fakulti dan jangkauan universiti melalui alumni dan jaringan kerjasama
- Meningkatkan pembiayaan luar dan sokongan untuk penyelidikan, pengajaran dan jangkauan



DEKAN

PROF. MADYA DR.
SERI INTAN BINTI
MOKHTAR



TIMBALAN DEKAN (AKADEMIK)

CHM. DR. SYED
MUHAMMAD AL-
AMSYAR BIN SYED
ABD KADIR



TIMBALAN DEKAN (PENYELIDIKAN, KEUSAHAWANAN DAN PEMBANGUNAN PELAJAR)

TS. DR. NOR DINI
BINTI RUSLI



No.1 ENTREPRENEURIAL
UNIVERSITY

STAF PENGURUSAN FIAT

KETUA JABATAN (INDUSTRI BERASASKAN AGRO)

DR. RAIMI BINTI MOHAMED REDWAN



KETUA JABATAN (SAINS AGRIKULTUR)

DR. NORHAFIZAH BINTI MD ZAIN

PENYELARAS PROGRAM (TEKNOLOGI PRODUK AGRO)

DR. NURHANAN BINTI ABDUL RAHMAN



PENYELARAS PROGRAM (AGROTEKNOLOGI)

DR NOORHAZIRA BINTI SIDEK

PENYELARAS PROGRAM (JAMINAN MAKANAN)

DR. KRISHNA VENI A/P VELOO



PENYELARAS PROGRAM (TEKNOLOGI PETERNAKAN)

DR. HAZREEN NITA BINTI MOHD KHALID

PEGAWAI TADBIR

EN. FAIZ NUR HAKIM BIN AZMI



PEGAWAI SAINS

EN. AHMAD SAUFI BIN MOHD NAWI



OfficialUMK
umk.edu.my

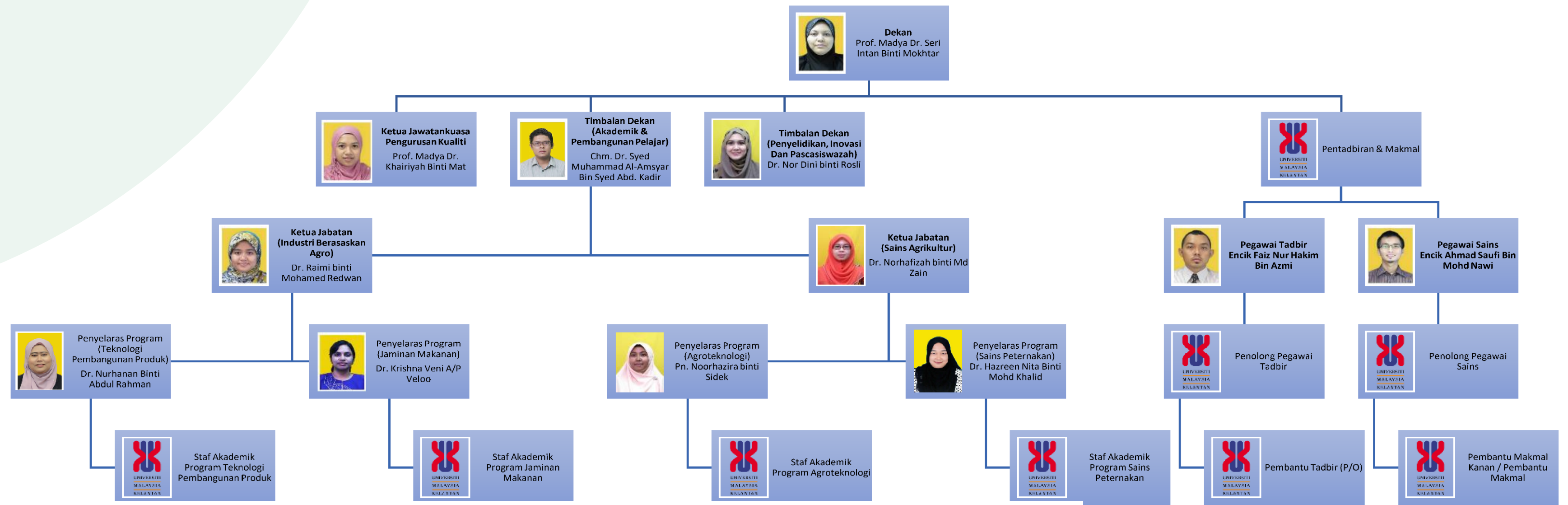
ENTREPRENEURSHIP
is our thrust

Kita
#BinaLegasiUMK
Bersama

#WeAreUMKFamily
#OneUMKOneDream



CARTA ORGANISASI FAKULTI INDUSTRI ASAS TANI UNIVERSITI MALAYSIA KELANTAN 2024-2025 (5/2/2024)





No. 1 ENTREPRENEURIAL
UNIVERSITY

PROGRAM PENGAJIAN YANG DITAWARKAN FIAT

**PROGRAM
PASCASISWAZAH
IJAZAH
DOKTOR FALSAFAH
(26 BIDANG PENGAJIAN)**

**PROGRAM
PASCASISWAZAH
IJAZAH
SARJANA SAINS
(26 BIDANG PENGAJIAN)**

**PROGRAM
PRASISWAZAH
IJAZAH SARJANA MUDA
SAINS GUNAAN (AGROTEKNOLOGI)
DENGAN KEPUJIAN
(SFA - UL6621001)**

**PROGRAM
PRASISWAZAH
IJAZAH SARJANA MUDA
SAINS GUNAAN (TEKNOLOGI
PENTERNAKAN) DENGAN KEPUJIAN
(SFH - UL6620001)**

**PROGRAM
PRASISWAZAH
IJAZAH SARJANA MUDA
SAINS GUNAAN (TEKNOLOGI PRODUK
AGRO) DENGAN KEPUJIAN
(SFP - UL6540002)**

**PROGRAM
PRASISWAZAH
IJAZAH SARJANA MUDA
SAINS GUNAAN (JAMINAN MAKANAN)
DENGAN KEPUJIAN
(SBF - UL6541001)**

BIDANG PENGAJIAN PROGRAM PASCASISWAZAH FIAT

- KEUSAHAWANAN TEKNOLOGI PERTANIAN
- BIOTEKNOLOGI PERTANIAN
- TEKNOLOGI PEMBANGUNAN PRODUK
- SAINS PETERNAKAN
- AKUAKULTUR
- JAMINAN MAKANAN
- TEKNOLOGI PERTANIAN
- PERNIAGAAN TANI
- AGRONOMI
- PENGURUSAN HAIWAN PEROSAK
- MIKOLOGI TUMBUHAN
- PATOLOGI TUMBUHAN
- HORTIKULTUR

**26 BIDANG PENGAJIAN
BAGI PROGRAM
IJAZAH DOKTOR
FALSAFAH DAN
IJAZAH SARJANA SAINS**

14. PEMBIAKAN TUMBUHAN
15. SAINS RUMPAI
16. TEKNOLOGI LEPAS TUAI
17. SAINS TANAH
18. BIOTEKNOLOGI TUMBUHAN
19. NUTRISI HAIWAN
20. NUTRISI AKUAKULTUR
21. REPRODUKSI DAN PEMBIAK-BAKAAN HAIWAN
22. SAINS TANAMAN FORAJ DAN FODER
23. SAINS POLTRI
24. SAINS DAN TEKNOLOGI TENUSU
25. BIOTEKNOLOGI INDUSTRI
26. BIOTEKNOLOGI MOLEKUL

STATUS AKREDITASI PROGRAM PENGAJIAN



AKREDITASI MQA

- PhD: MQA/FA6223 (25/04/2013)
- MSc: MQA/FA6222 (25/04/2013)
- SBP: MQA/FA15637(01/01/2022)
- SBH: MQA/FA15638(01/01/2022)
- SBL: MQA/FA15639 (01/01/2022)
- SBF: MQA/FA3168 (28/02/2020)



AKREDITASI MBOT

A. AKREDITASI PENUH (07/07/2023)

- SBL: MBOT/FA/AF/0/02/0001
- SBP: MBOT/FA/AF/0/02/0002
- SBH: MBOT/FA/AF/0/02/0003

B. AKREDITASI SEMENTARA (19/02/2021)

- SBF: MBOT/PR/AF/0/02/0007



BROSUR PROGRAM PENGAJIAN PRASISWAZAH FIAT

FULFILL GENERAL AND SPECIAL ENTRY REQUIREMENTS

STPM

Obtain minimum CGPA 2.00

and Obtain minimum C Grade for STPM level in any ONE (1) of the following subjects:

Biology, Physics, Chemistry, Mathematics (M), Mathematics (T), Economics, Business Studies, Sport Sciences, Information and Communication Technology, Visual Arts, Accounting;

and Obtain minimum D Grade for SPM level in any ONE (1) of the following subject:

Physics, Chemistry, Biology, Additional Mathematics, Additional Sciences;

or Obtain minimum C Grade for SPM level in any ONE (1) of the following subject:

Sciences, Mathematics, Agriculture Sciences, Food Processing, Nursery and Landscape, Aquaculture and Recreational Animals, Food Plants, Designs, Engineering Drawing, Civil Engineering Studies, Electrical Engineering Studies, Mechanical Engineering Studies;

and Obtain minimum MUET Band 2.0 for results obtained from session 1 of 2021 and MUET Band 2 for results 2020 and before

DIPLOMA

A. Diploma

Obtain minimum CGPA 2.00

and Diploma in a related field from an Institution recognized by the government, MQA and endorsed by the UMK Senate;

and Obtain minimum MUET Band 2.0 for results session 1/2021 or MUET Band 2 for results year 2020 and before

B. Diploma TVET (DKM/ DLKM/ DVM)

Obtain minimum CGPA 2.00

and Diploma from DKM/ DLKM/ DVM in a related field from an Institution recognized by the government, MQA and endorsed by the UMK Senate;

and Obtain minimum MUET Band 2.0 for results session 1/2021 or MUET Band 2 for results year 2020 and before

MATRICULATION / EQUAL

A. Matriculation/ Foundation

Obtain minimum CGPA 2.00

and Obtain minimum C Grade for Matriculation/ Foundation level in any ONE (1) of the following subjects:

Chemistry, Mathematics, Physics, Biology, Physics (Engineering), Chemistry (Engineering), Basic Engineering, Computer Sciences;

and Obtain minimum MUET Band 2.0 for results session 1/2021 or MUET Band 2 for results year 2020 and before

B. A-Levels

Obtain minimum 2C

and Obtain minimum C Grade for A-Level in any ONE (1) of the following subjects:

Mathematics, Chemistry, Biology, Physics, Economics, Accounting, Computing, Further Mathematics, Business Studies;

and Obtain minimum IELTS Band 4.0 or TOEFL IBT Skor 31 or CEFR Skor A2

CONTACT US

DEAN,
FACULTY OF AGRO-BASED INDUSTRY
UNIVERSITI MALAYSIA KELANTAN
JELI CAMPUS
17600, JELI
KELANTAN DARUL NAIM

☎ 09-9477441 / 09-9477446 / 09-9477448

🌐 fiat.umk.edu.my

✉ fiat@umk.edu.my

📘 www.facebook.com/umkfiat

📷 www.instagram.com/umkfiat



NEW FIAT INTAKE REQUIREMENTS 2023 / 2024

UNDERGRADUATES
DEGREE PROGRAMS IN APPLIED SCIENCES
FACULTY OF AGRO-BASED INDUSTRY (FIAT)
UNIVERSITI MALAYSIA KELANTAN



BACHELOR OF APPLIED SCIENCE (ANIMAL HUSBANDRY SCIENCE) WITH HONOURS

UPU CODE: **UL6620001**
DURATION OF STUDIES: **8 SEMESTERS (4 YEARS)**
TOTAL CREDITS: **122 CREDITS**

Bachelor of Applied Science (Animal Husbandry Science) is a comprehensive program that equips students with the knowledge, skills, and practical experience required for success in the field of animal husbandry. Throughout the program, students delve into the fundamental aspects of animal biology, genetics, nutrition, reproduction, and health. They learn about different livestock species, including cattle, goats, sheep, poultry, swine, and aquaculture, and explore their specific husbandry requirements, breeding techniques, and disease prevention strategies. Experiential learning through the program enables students to apply theoretical knowledge in real-world scenarios and develop critical thinking, problem-solving, and communication skills. By combining theoretical knowledge with practical experience, this program prepares students to become skilled professionals capable of promoting animal welfare, improving livestock production, and contributing to the advancement of sustainable agricultural practices.

Potential Job Opportunities

- Animal farm executive, Livestock manager/ Farm manager, Animal nutritionist, Animal breeder, Animal welfare officer, Lecturer, Research officer, Agribusiness officer, Extension officer, Sales representative.



BACHELOR OF APPLIED SCIENCE (AGROTECHNOLOGY) WITH HONOURS

UPU CODE: **UL6621001**
DURATION OF STUDIES: **8 SEMESTERS (4 YEARS)**
TOTAL CREDITS: **122 CREDITS**

Unleash the potential of agriculture with our comprehensive Agrotechnology program. Through technology-based management and crop expertise, we empower you to drive productivity, competitiveness, and sustainability in agriculture industry. Explore the latest advancements in precision farming, while also cultivating the entrepreneurial skills to succeed in the dynamic world of agriculture. Collaborate with agricultural agencies, harness our vast natural resources, and ensure a steady food supply for better future. Join us today to become a catalyst for positive change, addressing challenges, and forging a prosperous future. Enroll now to embark on an exciting career that combines cutting-edge technology in agriculture and entrepreneurial spirit.

Potential Job Opportunities

- Researcher, Agriculturist, Environmental protection officer, Manager of plantation/ agriculture company, Setting up own company - self employed, Research officer, Agribusiness officer, Lecturer.

BACHELOR OF APPLIED SCIENCE (PRODUCT DEVELOPMENT TECHNOLOGY) WITH HONOURS

UPU CODE: **UL6540001**
DURATION OF STUDIES: **8 SEMESTERS (4 YEARS)**
TOTAL CREDITS: **122 CREDITS**

Bachelor of Applied Science (Product Development Technology) with Honours programme aims to produce an agro-product executive in integrated product development. This programme will provide opportunities for students in mastering various knowledge and skills to develop a new or enhance existing products to meet customer expectations. The product includes food, cosmetics, biomass and others. The students will conduct research, develop proposals, create policies and monitor the development process. The curriculum of this programme covers market analysis, product design, processing of raw materials, upscaling, packaging, product analysis, commercialisation and intellectual properties.

Potential Job Opportunities

- Science officer, Researcher, Product executive/ Technologist, R&D executive, Lecturer, Quality control/ Assurance executive, Bio/ Agro-based Entrepreneur.

BACHELOR OF APPLIED SCIENCE (FOOD SECURITY) WITH HONOURS

UPU CODE: **UL6541001**
DURATION OF STUDIES: **8 SEMESTERS (4 YEARS)**
TOTAL CREDITS: **127 CREDITS**

Bachelor of Applied Science (Food Security) with Honours programme at UMK is a new programme offered by a public university (UMK) in Malaysia. The creation of the programme is in line with Malaysia's Food Security Policy to ensure sufficient and sustainable food supply for the country. Graduates in this programme will be exposed to relevant aspects of plant and animal based product development, leading to the awareness of nation's food security aspiration. Their ability to design better food products' quality for the community will be enhanced through latest technology applications. These can be achieved by allowing them to endure research and development which will improve food products' commercial values.

Potential Job Opportunities

- Manager / Executive positions in various industries including Animal farming, Food industries and agro based industries, Science officer, Research officer, Lecturer, Entrepreneur.



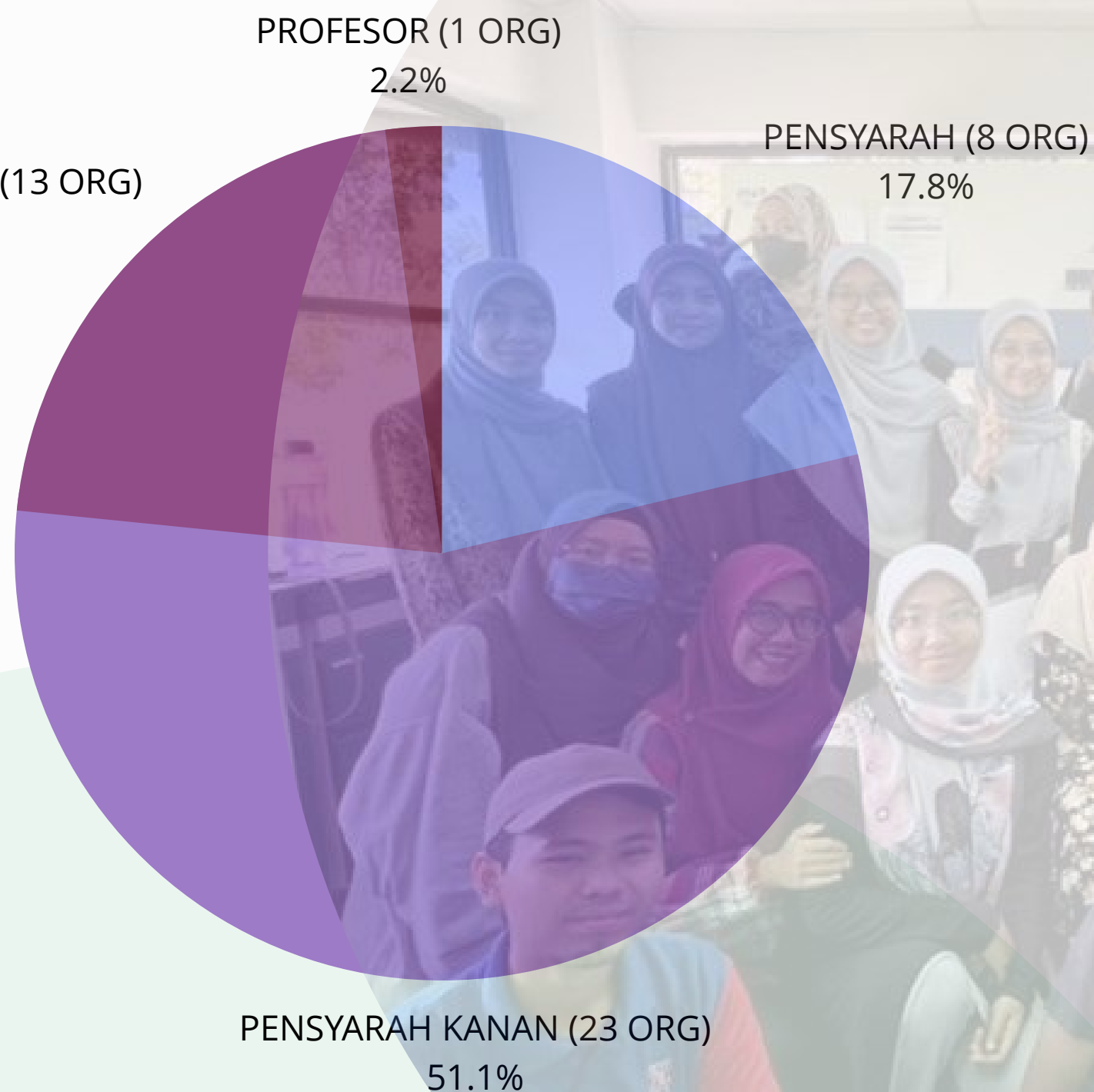
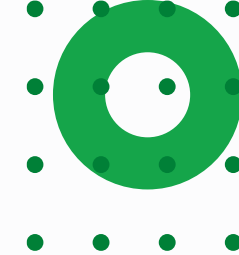
STATISTIK PELAJAR AKTIF FIAT



PROGRAM PASCASISWAZAH	JUMLAH
SARJANA SAINS (MSc)	35
DOKTOR FALSAFAH (PhD)	15
JUMLAH	50

PROGRAM PRASISWAZAH	TAHUN 1 (KOHORT F24)	TAHUN 2 (KOHORT F23)	TAHUN 3 (KOHORT F22)	TAHUN 4 (KOHORT F21)	JUMLAH (PROGRAM)
SBL/ SFA	64	83	40	60	247
SBH/ SFH	61	85	37	45	228
SBP/ SFP	44	77	23	46	190
SBF	89	95	34	64	282
JUMLAH (TAHUN)	258	340	134	215	947

STATISTIK STAF FIAT (AKADEMIK)



PROGRAM	JUMLAH PENSYARAH	JUMLAH PELAJAR	RATIO PENSYARAH : PELAJAR
SBL/SFA	11	247	1: 22.5
SBH/SFH	11	228	1:20.7
SBP/SFP	12	190	1:15.8
SBF	11	282	1:25.6
JUMLAH	45	947	1:21

RATIO IDEAL PROGRAM SAINS PENSYARAH : PELAJAR	MQA & MBOT 1 : 20
--	----------------------------------

STATISTIK STAF FIAT (BUKAN AKADEMIK)

STAF	JUMLAH STAF
MAKMAL	8
PENTADBIRAN	5
JUMLAH	13

PEMBANTU TADBIR (P/O) (3 ORG)
23.0%

PEGAWAI TADBIR (1 ORG)
7.7%

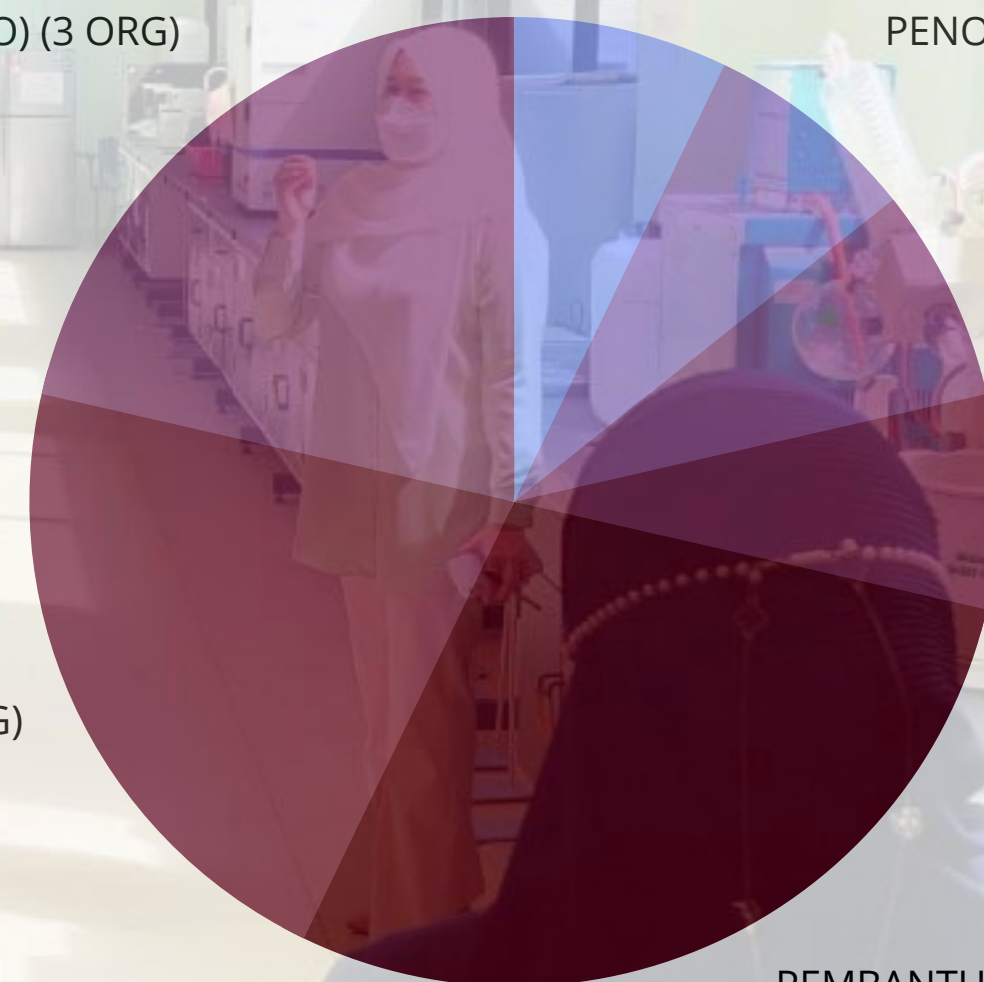
PENOLONG PEGAWAI TADBIR (1 ORG)
7.7%

PEGAWAI SAINS (1 ORG)
7.7%

PENOLONG PEGAWAI SAINS (1 ORG)
7.7%

PEMBANTU MAKMAL (1 ORG)
7.7%

PEMBANTU MAKMAL KANAN (5 ORG)
38.5%



FASILITI DAN KEMUDAHAN FIAT



**MAKMAL
TEKNOLOGI
MAKANAN**



**MAKMAL
KULTUR
TISU**



**MAKMAL
KIMIA**



**MAKMAL
BIOLOGI 1**



**MAKMAL
BIOLOGI 2**



**MAKMAL
BIOLOGI 3**



**MAKMAL
PASCA
SISWAZAH 1**



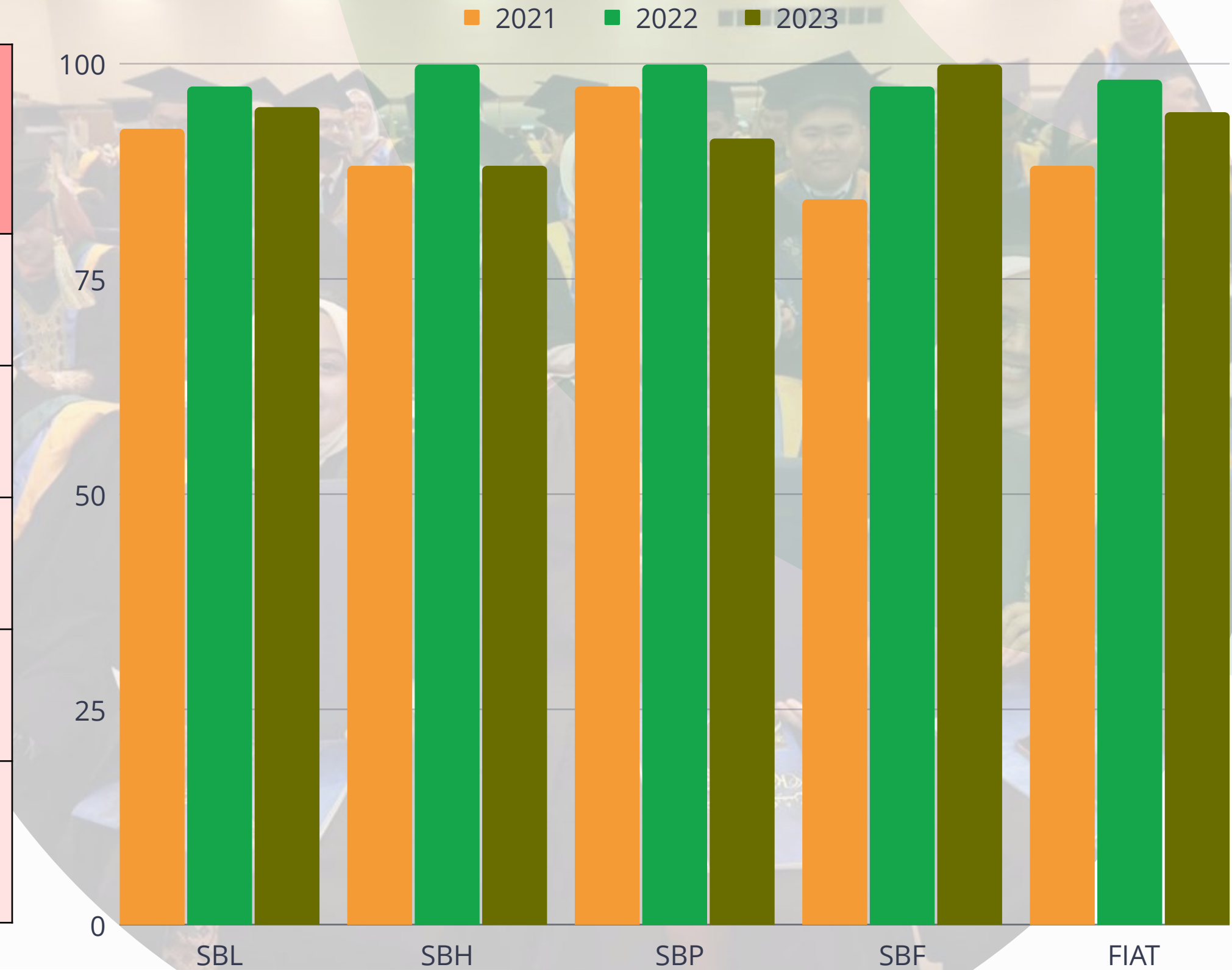
**MAKMAL
PASCA
SISWAZAH 2**



**MAKMAL
INSTRUMENTASI**

DATA KEBOLEHPASARAN GRADUAN (GE) FIAT

% GE MENGIKUT TAHUN/ PROGRAM	2021	2022	2023
SBL	92.7	97.8	94.4
SBH	94.9	100.0	94.2
SBP	97.3	100.0	95.0
SBF	91.4	98.0	100.0
FIAT	94.0	98.9	96.0





HAKIMULLAH BIN KHABILU

Pengarah Urusan
Khabilu Manufacturing
(Alumni Program SBP)



MUHAMMAD HAFIZUDDIN HIEW BIN ABDULLAH

Pengasas TDC Holdings
Pemilik C2Joy, Alithera, Berry Mix
(Alumni Program SBS)



HARUN HAZIM BIN ZAKARIA

Pengasas
Bumi Agritech
(Alumni Program SBH)



LIONG TIONG SING

Usahawan Berjaya
Cendawan Tiram
(Alumni Program SBL)



HUBUNGI KAMI

**FAKULTI INDUSTRI ASAS TANI
UNIVERSITI MALAYSIA KELANTAN**



TELEFON

09-9477440/7441/7446



LAMAN SESAWANG

www.fiat.umk.edu.my



ALAMAT

Fakulti Industri Asas Tani
Universiti Malaysia Kelantan
Kampus Jeli
17600, Jeli
Kelantan



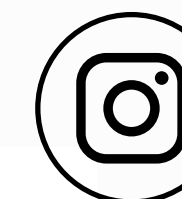
EMEL RASMI

fiat@umk.edu.my



FACEBOOK RASMI

[www.facebook.com/
umkfiat](http://www.facebook.com/umkfiat)



INSTAGRAM RASMI

[www.instagram.com/
umkfiat/](http://www.instagram.com/umkfiat/)

JOM SERTAI KELUARGA FIAT

TERIMA
KASIH



FIAT 2024