

NEW STUDENT BRIEFING FOR 2024/2025-2 SEMESTER

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WebEx

12 March 2025, 0900 MYT (GMT+0800)

Contents

- About Faculty of Electrical Engineering
- Postgraduate programs administration
- FKE postgraduate programs
- Research programs
- Taught course programs
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About the Faculty of Electrical Engineering

Vision and Mission

VISION

A Globally Renowned Faculty Providing World-Class Education and Research in Electrical Engineering.

MISSION

To Develop Holistic Talents in Electrical Engineering and Prosper Lives Through Knowledge and Innovative Technologies.



ORGANISATION CHART

Faculty of Electrical Engineering
Universiti Teknologi Malaysia



PROFESSOR DR. JAFRI BIN DIN
Dean



PROF. IR. DR. HAZLINA BINTI SELAMAT
Director of Control & Mechatronics Engineering Department



ASSOC. PROF. TS. DR. SHAHRIN BIN MD. AYOB
Director of Electrical Power Engineering Department



PROF. IR. DR. RUBITA BINTI SUDIRMAN
Director of Electronic & Computer Engineering Department



PROF. IR. DR. MUHAMMAD NADZIR BIN MARSONO
Deputy Dean
(Academic & Student Affairs)



PROF. DR. SYED ABDUL RAHMAN BIN SYED ABU BAKAR
Deputy Dean
(Research, Innovation & Development)



MRS. NUR HAKIMI BINTI KARSONO
Deputy Registrar



DR. YUSMEERAZ BINTI YUSOF
Quality & Strategy Manager



ASSOC. PROF. IR. TS. DR. ASNIDA BINTI ABDUL WAHAB
Director of Biomedical Engineering & Health Sciences Department



ASSOC. PROF. IR. TS. DR. NURUL MU'AZZAH BINTI ABDUL LATIFF
Director of Communication Engineering Department



DR. USMAN ULLAH SHEIKH
Postgraduate Academic Manager



ASSOC. PROF. DR. KAMALUDIN BIN MOHAMAD YUSOF
External Program Academic Manager



ASSOC. PROF. IR. TS. DR. ASRUL IZAM BIN AZMI
Research Manager



MRS. NORAZILA BINTI SAFRI
Knowledge Management/Research Consultant Officer



MRS. NORLIZA BINTI ABD RAHIM
Senior Assistant Registrar



MRS. RAFIDAH BINTI MD RAFI
IT Manager



MR. MOHD NAZMI BIN ISMAIL
Facility Manager



MRS. NUR FATIAH BINTI MD RAFI
Assistant Accountant



MRS. NUR ASHIKIN BINTI ABD HADI
Executive Officer (Quality & Strategy)

History



FKE moved to UTM Skudai main campus until today.

1974

FKE was established at Gurney Road Kuala Lumpur.



1995



2013

FKE management office moved to a new FKE P19a building.

Synergy 4.0 reorganization as the School of Electrical Engineering, Faculty of Engineering.

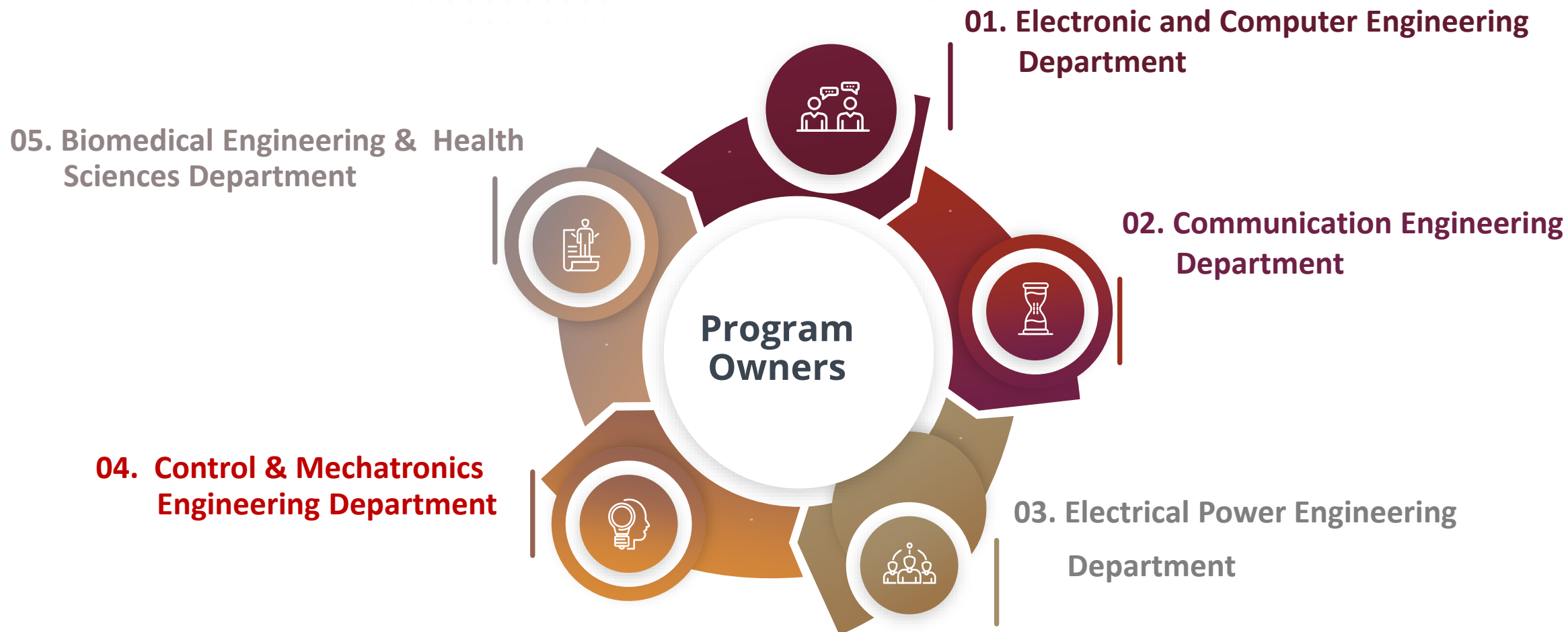
2018



2022

Restructuring of SKE as Faculty of Electrical Engineering.

Departments



Research Entities : Centre of Excellence

- Wireless Communication Center (WCC)
- Center of Artificial Intelligence and Robotics (CAIRO)
- Center of Electrical Energy Systems (CEES)
- Institute of High Voltage and High Current (IVAT)
- Cardiovascular Engineering Center (IJN-UTM)

Research Entities : Research Groups

- Advanced Control Research Group
- Process Tomography & Instrumentation
- Micro-Nano Systems Engineering
- Advanced RF & Microwave Research Group
- Communication Network & System
- Lightwave Communication Research Group
- Telecommunication Software & System
- Biomedical & Instrumentation Electronics
- Computational Nanoelectronics
- Digital Signal & Image Processing
- VLSI & Embedded Computing Architecture
- Power Electronics & Drives
- Power Engineering Research Group

Pengajaran Dipacu Penyelidikan
Research-led Teaching

Pendidikan dan Latihan Bidang
Kebitaraan Aras Tinggi
*High-level Education &
Training Niche Areas*

UTM Universiti Penyelidikan

*Graduan Berkualiti Tinggi
Berorientasi Masa Depan
Future-oriented High-quality
Graduates*

Menerajui Aktiviti Keintelektualan
Leading Intellectual Activities

Berfungsi sebagai wahana perubahan sosial
An Avenue for Social Change

QS World Ranking



2025 Quacquarelli Symonds (QS) World University Rankings

Ranked #181 in the World

Ranked #28 in Asia

Ranked #9 in Asia International Research Network

Ranked #50 in Asia

#International Students

#Employer Reputation

#Academic Reputation

Ranked #13 in the "Top 50 Under 50" Asia Top 10 Young Universities

Ranked 5 Stars Overall Rating for QS Star Rating

http://fke.utm.my



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The **Faculty of Electrical Engineering (FKE)**, Universiti Teknologi Malaysia, was established in late 1974. Since 1st June 1995, the faculty commences operation at the main campus of the Universiti Teknologi Malaysia in Skudai, Johor until today.

The faculty has grown to become one of the centers of academicians and electrical engineering experts in Malaysia with 198 academic staff whom are involved in teaching and academic research, and 90 non-academic staff.

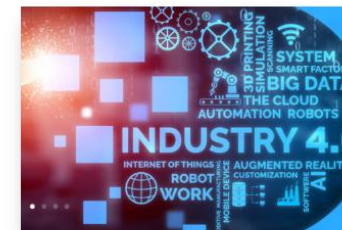
Covering broad spectrum of electrical engineering, currently the faculty consists of five departments focusing on advanced researches and instructional courses in specific areas of activities.



Communication Engineering (COMM)

COMM was established in November 2012. The department is the merger of Telematic and Optical department with Radio Communication Engineering department, both were established in 1998.

[...more](#)



Control and Mechatronics Engineering (CMED)

CMED has a strong local and international reputation as a premier undergraduate (UG) and postgraduate (PG) education institution, dedicated to the study of control, instrumentation, mechatronics

[...more](#)



Electronic and Computer Engineering (ECE)



Electrical Power Engineering (POWER)

Power Engineering



Control and Mechatronics Engineering



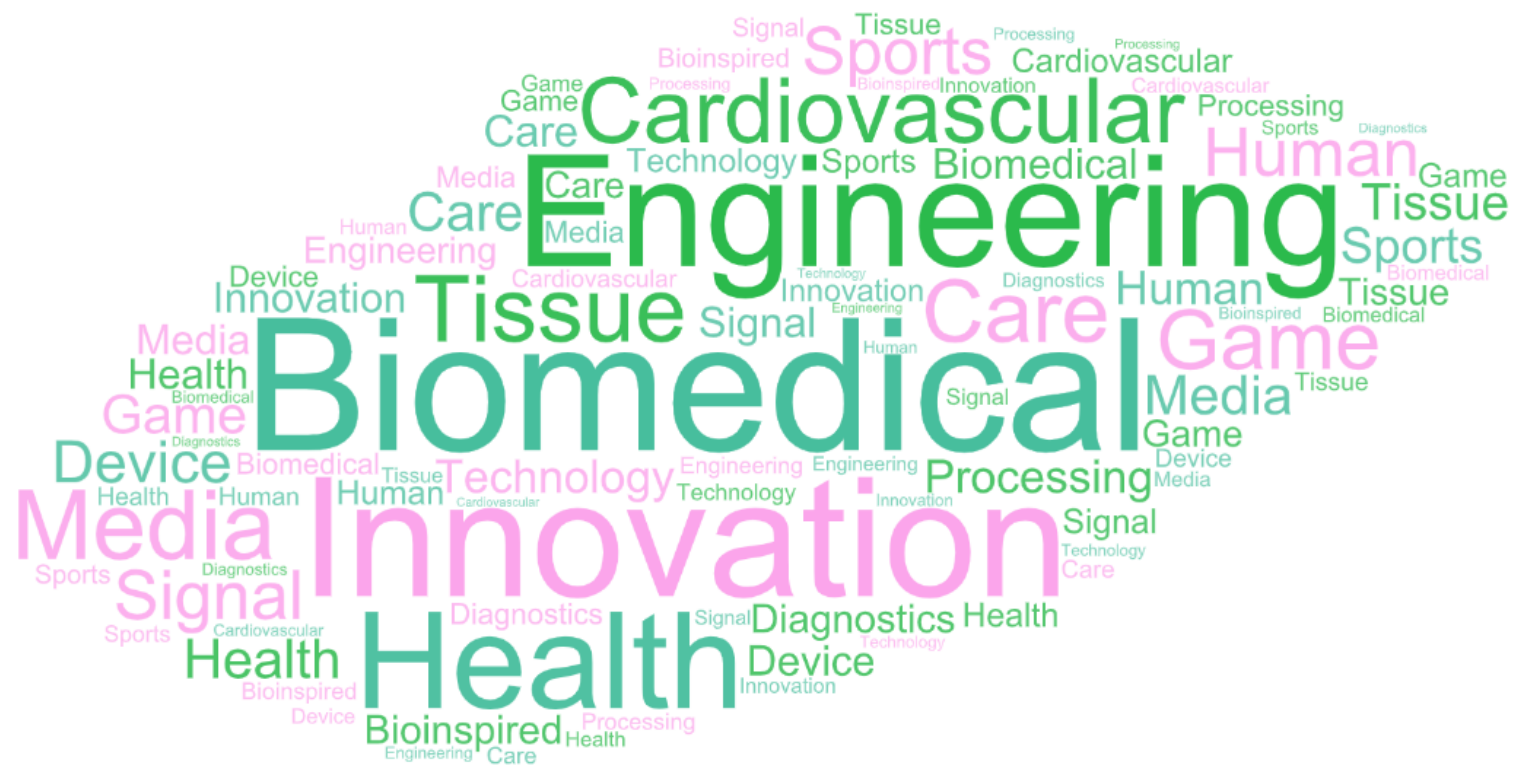
Electronic and Computer Engineering



Communication Engineering



Biomedical Eng. & Health Science



FKE PG Programs

Doctor of Philosophy
by research

- 3 years (6 sem)
- Max 8 years (16 sem)

Masters of Philosophy by research

- 2 years (4 semesters)
- Max 4 years (8 sem)

M.Eng (Electrical Power)
M.Eng (Mechatronics & Automatic Control)
M.Eng (Computer & Microelectronic Systems)
M.Eng in Wireless Communication And Network
M.Sc (Biomedical Engineering)
Taught Course

- Perdana: 1/1.5 years (2/3 sem)
- Pesisir: 2 years (4 sem)
- Max 4 years (8 sem)

FKE PG Programs

- All are full-time programs
 - PERDANA mode (weekdays, full-time study)
 - PESISIR Master TC mode (weekends)
- All PG programs conform with MQF and accredited by MQA

Postgraduate Programs Administration


New Student's Kit (sps.utm.my)

+607-5537876 (Office) graduate@utm.my Facebook Youtube


UTM SCHOOL OF GRADUATE STUDIES

HOME RESEARCH SUPPORT SYSTEM ABOUT SPS CURRENT STUDENTS FUTURE STUDENTS HANDBOOKS AND GUIDELINES DDVC (A&I) CONTACT US UTM PESISIR UTM ODL 🔍

WELCOME TO UNIVERSITI TEKNOLOGI MALAYSIA SEMESTER II 2024/2025



NEW STUDENT REGISTRATION KIT



ACADEMIC CALENDAR SEMESTER II 2024/2025



FACULTIES AND SCHOOLS





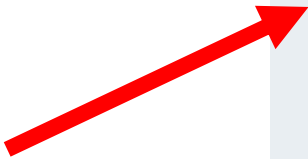
SCHOLARSHIP

NEWS New



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Specific Roles of Each Unit

- School of Postgraduate Study (SPS)
 - Oversees all PG programs in UTM
 - Policy maker (inc. regulations, fee, scholarships)
- Student Recruitment & Admission Section (SRAdS)
 - Handover to AMD once students registered
- Academic Management and Convocation Section (AMaCS)
 - Graduate records
 - Graduation
 - Bursar Office

Other Support Units

- UTM International
 - International student support
 - Visa
- Residential colleges
 - Family housing
- UTM Clinic
- Counselling center
- Sports and recreation facilities

Role of FKE

- EE program owner
- Create and formulate postgraduate programs in EE
- Conduct taught courses for all EE PG programs
- Conduct assessments
 - Proposal defense for MPhil and PhD
 - Full assessment activities for master by taught course
- Conduct assessments
 - Viva for MPhil and PhD

Deputy Dean of Academics & Postgraduate Academic Manager



**Prof. Ir. Dr. Muhammad
Nadzir Bin Marsono**
Deputy Dean of
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Postgraduate IT Manager



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Abdul Manan**
Postgraduate IT Manager
shahidatulsadiyah@utm.my

Postgraduate Office – P19a

Office hours

- Mon to Thu : 08:30 to 12:30, 14:30 to 16:30
- Fri : 08:30 to 12:00, 15:00 to 16:30

Phone No : 07-5557032

Fax No : 07-5557028

Office opening hours is shortened during the holy month of Ramadan.

FKE Postgraduate Programs

Research Programs

Masters of Philosophy

- Electrical Engineering (MEEE)
- Biomedical Engineering (MEEB)
- Rehabilitation Technology (MEER)

Doctor of Philosophy

- Electrical Engineering (PEEE)
- Health Science (PEEH)
- Biomedical Engineering (PEEB)

M.Phil / PhD Program Structure

- Research Program
- Continuous assessment through Research Progress Report
- Proposal defense
 - Sem 1 for Ph.D. And M.Phil (NEW)
 - Sem 3 for Ph.D. (must or else given TM)*
 - Sem 2 for M.Phil. (must or else given TM)*
 - Scheduled during mid-semester
- Oral thesis examination
- *Not presenting again in sem 3 (Mphil) or sem 4 (PhD) will result in termination

M.Phil / PhD Program Structure

- Research Methodology (UEEP 6013)
 - First semester of study
 - Conducted in 5 days during the mid-semester break
- University Elective (U*****3)
- Returning students can apply for credit exemption
 - Application must be in the first semester of study
 - Else retake these courses

Fast-Track PhD

- Offered to UTM graduates with excellent UG standing
- Pre-screening process
- Sem 2: Qualifying exam for PhD
 - Converted to MPhil if students could not meet the PhD standard
- Sem 3: Proposal defense

Academic Standing

- Overall standing
 - KB – Kedudukan Baik (Good Pass)
 - Satisfactory in research assessment
 - KS – Kedudukan Bersyarat (Conditional Pass)
 - Unsatisfactory in research assessment
 - KG – Kedudukan Gagal (Fail)
 - Fail in research assessment
- Two consecutive KS will lead to termination of study.
- KB to submit thesis for oral examination.

Course Registration for PEEH/PEEB/PEEE

Semester of study	Research course code	Semester of study	Research course code
1	PEEH1100	9	P***5100
2	P***1200	10	P***5200
3	P***2100	11	P***6100
4	P***2200	12	P***6200
5	P***3100	13	P***7100
6	P***3200	14	P***7200
7	P***4100	15	P***8100
8	P***4200	16	P***8200

Course Registration for MEEB/MEER/MEEE

Semester of study	Research course code	Semester of study	Research course code
1	MEEE1100	5	M###3100
2	M###1200	6	M###3200
3	M###2100	7	M###4100
4	M###2200	8	M###4200

Continuous Research Assessment

- Continuous assessment
 - Submission of Research Progress Report every semester through my.utm.my student portal
 - Failure to submit will result in TM. Two consecutive TM will result in KG
 - Assessment by supervisor
- Potential grades
 - Satisfactory (MM grade) $\geq 50\%$
 - Unsatisfactory (TM grade) $\geq 30\%$
 - Fail (GG) $< 30\%$

First Assessment

- Semester 2 for M.Phil semester 3 for PhD
- Students must have completed University Elective and Research Methodology courses
- Scheduled in mid-semester
- Grades
 - > 50% mark continue research
 - (40-50)% - re-present following semester
 - < 40% - termination of study

Graduate-on-Time (GoT)

- Graduate-on-Time (GoT) refers to students who completed their study within normal duration.
- 42 months (7 semesters) for PhD
- 24 months (4 semesters) for MPhil

Minimum and Maximum Study Period

- Minimum period
 - 5 semesters (30 months) for PhD (T&C)
 - 2 semesters (12 months) for MPhil (T&C)
- Maximum period
 - 16 semesters for PhD
 - 8 semesters for MPhil

Conversion from Master To PhD

The candidate must obtain a minimum of **CPA 3.33 bachelor's degree** and has presented at least **two (2) conference papers and the paper must be published in proceeding with ISBN OR publish one (1) index journal article.**

The candidate must obtain a minimum of **CPA 3.00 to 3.32 bachelor's degree** and has **published at least one (1) index journal article in Web of Science.**

The candidate obtained strong recommendation from supervisor

The application is forwarded in the second semester of studies or between 9 to 18 months of study programme

The application can be submitted once only.

Appeal for re-evaluation can be done only once not exceeding the duration of 18 months upon registration.

PhD and MPhil Thesis Examination

- Pass or Fail
 - Subject to corrections to be done
 - Candidates may need to resubmit thesis for (thesis re-examination)
- Examination fee
 - RM2,500 for PhD
 - RM1,500 for MPhil
- Re-examination of thesis requires payment of fee

Student's Supervision



Main Supervisor from University's Academic Staffs (Graduate Staff)



Co-supervisor from University's Graduate Staffs OR outside the University



Students may apply to change supervisor or co-supervisor



Supervision schedules arranged between supervisors and students (Log Book from GSMS)

Responsibilities of a Supervisor

The supervisor must ensure that the student has a plan for the research to be conducted and give necessary advice needed whether on academic or personal matters.

Roles & Responsibilities of a Student

Register Research Courses Every Semester

Make sure that there is no outstanding fee every semester

Submit progress report to supervisor every semester

Schedule a meeting with a Supervisor

Comply all the Post Graduate Rules & Regulation for Graduation

Make a plan for the research progress

Have a professional relationship with Supervisor

Produce Publication

Practice a good research ethics

Thesis Submission Requirement

Supervisor
Approval Thesis is
ready to be
evaluated

Fulfill the Post
Graduate
Academic Rules &
Regulation, Faculty
Requirements and
valid NHT

Format of the
thesis must follow
UTM Thesis Manual
(2023 Edition)

Plagiarism check
Verification

Complete all the
required forms

Guidelines & Forms
can be download at
<http://sps.utm.my>

PhD by Publication

Min of 3 Scopus /
WoS Journals

Publication must
be research based,
relevant to the
thesis

Student must be
main author

Publication within
duration of study

Must show
affiliation to UTM

24 Months – min 2
Q1/Q2 in WoS
30 Months – min 1
in Q1/Q1 WoS

Plagiarism Check Requirement



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University only
allow $\leq 20\%$
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Empower students to
do their best,
original work



Publication Requirement PhD (6 to 16 sem) – From 2021/22-1

- Student has come out with at least one (1) published article that has been accepted or published in a journal indexed on the Web of Science

OR

- Student has come out with at least two (2) published articles that have been accepted or published in journals indexed in SCOPUS / ERA / journals listed in myJurnal (Malaysian Journal Management System) from MyCite (Malaysian Citation Center).

AND

- 1 publication in Journal of ElektriKA (starting from 2020/21-1)

Publication Requirement PhD (5 sem) – From 2021/22-1

- Student has come out with at least two (2) published articles that have been accepted or published in journals indexed on the Web of Science / SCOPUS / ERA.

AND

- 1 publication in Journal of ElektriKA (starting from 2020/21-1)

Publication Requirement M.Phil

- M.Phil – one (1) accepted or published publication from journal article, conference proceeding or book chapter.

AND

- 1 publication in Journal of ElektriKA (starting from 2020/2021-1)

Thesis Submission Notice (NHT)

- Thesis Submission Notice must be submitted 3 months before thesis submission.
- Submission must be done through my.utm.my portal
- Students must also fulfil FKE seminar requirements (physical / online).
- MPhil = attend 16 seminars in 4 sem (FKE / UTM)
- PhD = attend 24 seminars in 6 sem (FKE / UTM)

Work Schedule (Research)

SEMESTER II, 2024/2025 SESSSION (17 MARCH – 5 OCTOBER 2025)					
NO.	PROGRAMME	DURATION	WEEK	DATE	REMARKS
1.	Registration of Research/Course for Semester II, 2024/2025 Session (ONLINE)	2 weeks	-	13 – 28 Mar 2025	<p>Couse registration through Student Portal (https://my.utm.my)</p> <p>According to the Postgraduate Academic Regulations, students must register courses every semester within the specified dates. Those who fail to register without acceptable reasons will be terminated.</p>
2.	Student start & continue their Research	29 weeks	Week 1 – 29	17 Mar – 3 Oct 2025	<p>Birthday of the Sultan Johor (Johor Only) 23 Mar 2025</p> <p>Eid Al-Fitri* 31 Mar – 1 Apr 2025</p> <p>Nuzul Al Quran (KL Only) 18 Mar 2025</p>
3.	Application for Reduction and Exemption Tuition Fees	8 weeks	Week 1 – 8	17 Mar – 9 May 2025	<p>Application is for student who enroll from Semester I, 2016/2017 Session intake and below ONLY.</p> <p>Applications will not be accepted after the deadline.</p>
4.	Submission of Confirmation for Award of Degree	-	-	Open throughout the semester	<p>Confirmation for Award of Degree must be submitted when submitting their dissertation/thesis for the oral examination.</p> <p>Submission through Student Portal (https://my.utm.my)</p>
5.	Amendments of Course Registration (ONLINE)	1 week	Week 3	31 Mac – 6 Apr 2025	<p>Amendment of course registration through Student Portal (https://my.utm.my)</p>

Work Schedule (Research)

SEMESTER II, 2024/2025 SESSSION (17 MARCH – 5 OCTOBER 2025)					
NO.	PROGRAMME	DURATION	WEEK	DATE	REMARKS
6.	Late Registration of Courses (WITH PENALTY)	1 week	Week 4 - 5	8 - 18 Apr 2025	Late course registration and late amendment of course registration through Student Portal (https://my.utm.my)
7.	Amendments of Courses Registration (WITH PENALTY)	1 weeks	Week 6 - 7	21- 25 Apr 2025	A penalty of RM100.00 for each course will be imposed for late registration/ amendments.
8.	Course Withdrawal (TD)	3 weeks	Week 7 - 9	28 Apr – 16 May 2025	<p>Please be informed that if a student chooses to withdraw from a course after the deadline for the Course Registration Amendment Period, the student is still required to pay the fees for the withdrawn course.</p> <p>Course withdrawal applications will not be accepted after this deadline. A penalty of RM100.00 per course will be imposed for TD. The deadline for course withdrawal applications with a penalty is before the revision week.</p> <p>Labour Day 1 May 2025</p> <p>Wesak Day 12 May 2025</p>
9.	Faculty check and remind students who did not register any courses for termination	4 weeks	Week 7 - 10	28 Apr– 23 May 2025	Faculty will contact/email students who did not register any courses. Students who did not give any feedback to the faculty within this period can be terminated.
10.	Application for Deferment or Withdrawal of Programme	7 weeks	Week 7 - 13	28 Apr – 13 June 2025	<p>Yang Dipertuan Agong's Birthday 2 June 2025</p> <p>Eid Al-Adha* 7 June 2025</p>

Work Schedule (Research)

SEMESTER II, 2024/2025 SESSION (17 MARCH – 5 OCTOBER 2025)					
NO.	PROGRAMME	DURATION	WEEK	DATE	REMARKS
11.	Mid Semester Break for Semester II, 2024/2025 Session	1 week	Week 8	5 – 9 May 2025	
12.	The date of the restriction process due to debt by Bursary	-	Week 9	13 May 2025	
13.	Submission of Progress Report	4 weeks	Week 8 – 14	5 May – 20 June 2025 5.00 pm	Submission of Progress Report through Student Portal (https://my.utm.my)
14.	Evaluation of Progress Report by Supervisor	3 weeks	Week 15 – 17	23 June – 11 Jul 2025 5.00 pm	Evaluation of Progress Report through MyUTM Portal > MyAIMS (https://my.utm.my) Awal Muharram 27 June 2025
15.	AMaCS Issues Termination Letter to Students Who Did Not Register Any Courses	1 week	Week 16	30 June – 4 Jul 2025	Hari Hol Almarhum Sultan Iskandar (Johor Only) 31 July 2025 Malaysia National Day 31 Aug 2025 Malaysia Day 16 Sep 2025
16.	Deadline for submission of thesis/dissertation	-	-	3 Oct 2025	Application for Notification Thesis Submission are THREE (3) months before the Expected Date of Thesis Submission
17.	Registration of Courses for Semester I, 2025/2026 Session (ONLINE)	2 weeks	-	To be announced	Couse registration through Student Portal (https://my.utm.my)

* Subject to change

Other Research Flow

- <https://fke.utm.my/postgraduate-current-student/project-research-schedules/>

Taught Course Programs: MKEH / MEEM / MEEP / MKET / MEBC

Taught course Programs

- Master of Engineering (Computer and Microelectronic System): MKEH
- Master of Engineering (Mechatronics and Automatic Control): MEEM
- Master of Engineering (Electrical Power): MEEP
- Master of Engineering in Wireless Communication and Network : MKET
- Master of Science (Biomedical Engineering) : MEBC

Duration and Academic Load

Intake	:	September and February
Duration	:	2 or 3 semesters (1 - 1.5 years)
Maximum	:	8 semesters (4 years)
M. Eng.	:	43 credits
M. Sc	:	45 credits
Academic load	:	Between 3 to 18 credits (suggested) 20 credits maximum per semester
No short semester	:	For MKEH, MEBC (1.5 yr)
Short semester	:	For MEEM, MEEP, MKET (1 yr)

Grading for Courses

MARKS	GRADE	POINTS	LEVEL OF ACHIEVEMENT
90 - 100	A+	4.00	EXCELLENT PASS
80 - 89	A	4.00	
75 - 79	A-	3.67	
70 - 74	B+	3.33	GOOD PASS
65 - 69	B	3.00	
60 - 64	B-	2.67	PASS
55 - 59	C+	2.33	FAIL
50 - 54	C	2.00	
45 - 49	C-	1.67	
40 - 44	D+	1.33	
35 - 39	D	1.00	
30 - 34	D-	0.67	
00 - 29	E	0.00	

Academic Standing

- Overall standing:
 - KB – Kedudukan Baik (Good Pass) $CPA \geq 3.0$
 - KS – Kedudukan Syarat (Conditional Pass) $2.67 \leq CPA < 3.0$
 - KG – Kedudukan Gagal (Fail) $CPA < 2.67$
- KS, KB students can proceed with their studies
- KB to qualify for the degree.
- KG in the first semester – eligible for KGDS (Re-register)

Graduation Requirements

- Pass all the courses (43 or 45 credits)
- Submitted Project Report
- Obtain KB (Good Pass: CPA \geq 3.0)
- Paid full fees
- Other Faculty of University requirements
- Students who could not complete within the maximum duration will be given status of a Fail Dismissal (KG)

Credits Breakdown (MKEH / MEEM / MEEP / MKET)

Total Credits to graduate:	43 credits
4 Core courses	12 credits
4 Elective courses	12 credits
1 Free Electives course	3 credits
1 University Course	3 credits
1 Intro to Research Methodology	3 credits
1 Master's Project	10 credits

Credits Breakdown (MEBC)

Total Credits to graduate:	45 credits
5 Core courses	15 credits
4 Elective courses	12 credits
1 University Course	3 credits
1 Intro to Research Methodology	3 credits
1 Master's Project	12 credits

Courses

- 15 weeks of lecture
 - Typical 50% : 50% (coursework : final examination)
 - Some courses do not have final examination
- 3 weeks final examination period
 - Held during Weekdays & Weekends
- Must fulfill class attendance $\geq 80\%$ or else can be barred from taking final examination
- Passing grade B –
- Failed core courses must be retaken.

Master Project

- One of the requirement for graduation
- Implemented in 2 (consecutive) semesters:-
 - Master's Project 1 – 4 credits
 - Master's Project 2 – 6 credits / 8 credits (M. Sc)
- Supervised by ONE graduate faculty member
- Pre-requisite : Research Methodology
- **Must** be taken in two consecutive semesters

Study Plan

Recommended Study Plan (1)

- Sem 1 (12 credits)
 - 3 cores / electives
 - University course
- Sem 2 (16 credits)
 - 3 cores / electives
 - Intro. to Research Methodology in EE
 - Project Part 1
- Sem 3 (15 credits)
 - 3 cores/electives
 - Project Part 2

Recommended Study Plan (2)

- Sem 1 (18 credits)
 - 4 cores / electives
 - University course
 - Research Methodology
- Sem 2 (16 credits)
 - 4 cores / electives
 - Project Part 1
- Sem 3 (11 credits)
 - 1 elective
 - Project Part 2



**Talk to your
program
coordinator
regarding your
study plan**

Classes and Final Examination Schedules

- Timetables on our PG website
- <https://fke.utm.my/postgraduate/>
- These timetables are fixed (including final exam)
- **Please Check The Final Exam Timetable Before Registration of The Courses**
- Please register for **Section Number : 01** for Faculty courses

LATEST ANNOUNCEMENTS

REGISTRATION KIT

GSMS

ACADEMIC RULES & REGULATIONS

ACADEMIC RESOURCES

LECTURE TIMETABLE

FINAL EXAM TIMETABLE

PROJECT & RESEARCH SCHEDULE

WORKS SCHEDULE

MASTER PROJECT (TAUGHT COURSE)

RESEARCH METHODOLOGY

THESIS SUBMISSION NOTICE APPROVAL LIST (NHT)

FORMS

Courses Offered for 2024/2025-2 : MKEH

CORE	MKEL1123	ADVANCED MICROPROCESSOR SYSTEM
CORE	MKEL1173	ADVANCED DIGITAL SYSTEM DESIGN
ELECTIVE	MKEL1183	ADVANCED COMPUTER ARCHITECTURE
ELECTIVE	MKEL1163	VLSI CIRCUITS & DESIGN
ELECTIVE	MKEL1223	RANDOM PROCESS

Courses Offered for 2024/2025-2 : MKET

CORE	MKET1523	INTERNET OF THINGS TECHNOLOGIES
CORE	MKET1313	COMMUNICATION AND COMPUTER NETWORKS
ELECTIVE	MKET1323	BROADBAND MULTIMEDIA NETWORKS
ELECTIVE	MKET1383	SATELLITE COMMUNICATION
ELECTIVE	MKET1573	OPTICAL COMMUNICATION NETWORKS
ELECTIVE	MKET1623	ENGINEERING MANAGEMENT AND BUSINESS FOR TELECOMMUNICATION INDUSTRY

Courses Offered for 2024/2025-2 : MEEP

Core	MEEP 1533	POWER ELECTRONIC SYSTEMS
Core	MEEP 1633	POWER SYSTEM DEVICES & APPARATUS
Core	MEEP 1573	INTELLIGENT ENGINEERING SOLUTION
ELECTIVE	MEEP 1623	POWER SYSTEM SECURITY & DEREGULATED MARKET
ELECTIVE	MEEP 1593	POWER ELECTRONICS APPLICATIONS
ELECTIVE	MEEP 1643	LIGHTNING PROTECTION & GROUNDING SYSTEM

Courses Offered for 2024/2025-2 : MEEM

Core	MEEM1713	ARTIFICIAL INTELLIGENCE AND APPLICATIONS
ELECTIVE	MEEM1723	ADVANCED PROCESS CONTROL
ELECTIVE	MEEM1823	ADVANCE ROBOTICS
ELECTIVE	MEEM1973	INTELLIGENT VISION SYSTEM

Courses Offered for 2024/2025-2 : MEBC

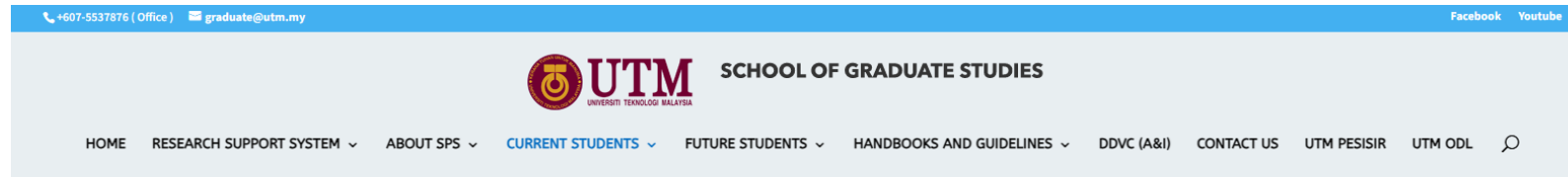
CORE	MEBC 1033	MEDICAL INFORMATICS
CORE	MEBC 1043	BIOMECHANICS
ELECTIVE	MEBC 1153	CARDIOVASCULAR ENGINEERING
ELECTIVE	MEBC 1093	MEDICAL IMAGING AND IMAGE PROCESSING
ELECTIVE	MEBC 1113	PATHOPHYSIOLOGY

Courses Offered for 2024/2025-2 : ALL

CORE	MEEU0013 / MEBC 1013	Research Methodology in Electrical Engineering
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University General Course

<https://sps.utm.my/academic-related-resources/>



UNIVERSITI TEKNOLOGI MALAYSIA
ACADEMIC RELATED
 RESOURCES

UNIVERSITY'S GENERAL COURSES

CLASS SCHEDULE FOR UNIVERSITY GENERAL COURSE
 (Normal Mode) SEM II 2024/2025

All research students must enrol in Research Methodology and at least one of the University's General Courses as follows:

*Notes :- Please refer to the faculty offering the courses for further information.

AHIBS KL

UBSS6013 – ORGANIZATION BEHAVIOR AND DEVELOPMENT

UBSS6023 – BUSINESS ETHICS, RESPONSIBILITY AND SUSTAINABILITY

FSSH

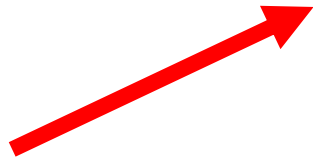
ACADEMIC FORMS

EXAMINATION REPORT FORM

- Examiners' Report on First Assessment (updated on 16/10/2023)
- Examiners' Report for Doctor of Philosophy (updated on 16/10/2023)
- Examiner's Report Form on Thesis/ Dissertation Master By Research/ Mixedmode (updated on 16/10/2023)
- Examiners' Report for Doctor of Business Administration (updated on 16/10/2023)
- Examiner's Report on Doctor of Engineering / Industrial / Engineering Education (updated on 16/10/2023)
- Examiner's Report for Reexamination (Doctor of Philosophy) (updated on 16/10/2023)
- Examiner's Report for Reexamination (Master by Research) (updated on 16/10/2023)

THESIS SUBMISSION FORM

APPOINTMENT OF SUPERVISOR



Lecture Timetable & Final Exam Timetable

- <https://fke.utm.my/postgraduate-current-student/lecture-timetables/>
- <https://fke.utm.my/postgraduate-current-student/final-exam-timetables/>
- Will be available from 13 March 2025

T & L

- All T & L including assessments, and final exam will be conducted face-to-face.

Repeating Courses

- Improving Grade (UG) only for B –
 - Fee for UG RM75/credit
- Failing a Core Course – Repeat the course (UK)
- Failing an Elective Course – Can be replaced with other elective course. Grade replacement will be upon official request.
- Failing a program in 1st semester – can request for re-registration (KGDS)

Appeal and Re-assessment

- Get opinion from Coordinator or PGAM
- Send appeal letter to Faculty within 14 days after approval from the Senate Standing Committee for Examination or Examination Results and before the Senate meeting on the results.

Audit Form

GRADUATION AUDIT FORM

MEEM: Master of Engineering (Mechatronics and Automatic Control)
Total Credits to Graduate: 43

Student Name : _____
 NRIC/Passport/Matric No : _____
 Semester (Starts & Final) : _____ No. of Semester: _____

FACULTY COMPULSORY ~ 12 CREDITS (4 COURSES)

No	Course Code	Course Name	Credit	Grade	Semester Pass
1	MEEEM 1703	Control Systems Engineering	3		
2	MEEEM 1753	Advanced Instrumentation and Measurement	3		
3	MEEEM 1713	Artificial Intelligence and Applications	3		
4	MEEEM 1803	Embedded Control Systems	3		

FACULTY ELECTIVES ~ 12 CREDITS (4 COURSES)

No	Course Code	Course Name	Credit	Grade	Semester Pass
1	MEEEM 1783	Nonlinear and Robust Control Systems	3		
2	MEEEM 1763	System Identification and Adaptive Control	3		
3	MEEEM 1723	Advanced Process Control	3		
4	MEEEM 1943	Model Predictive Control	3		
5	MEEEM 1953	Linear Control System Design	3		
6	MEEEM 1893	Embedded Systems for Innovative Product Design	3		
7	MEEEM 1883	Autonomous Mobile Robotics	3		
8	MEEEM 1823	Advanced Robotics	3		
9	MEEEM 1913	Mechatronic Design	3		
10	MEEEM 1923	Sensors and Actuators	3		
11	MEEEM 1813	Smart Manufacturing	3		
12	MEEEM 1903	Rapid Prototyping and Simulation	3		
13	MEEEM 1933	Cyber Physical System	3		
14	MEEEM 1963	Deep Learning	3		
15	MEEEM 1973	Intelligent Vision System	3		

FREE ELECTIVE FROM MKEL/MKEM/MKEP/MKET~ 3 CREDITS (1 COURSE)

No	Course Code	Course Name	Credit	Grade	Semester Pass
1			3		

MASTER'S PROJECT ~ 10 CREDITS (2 COURSES)

No	Course Code	Course Name	Credit	Grade	Semester Pass
1	MEEEM 1814	Master Project 1	4		
2	MEEEM 1826	Master Project 2	6		

FACULTY/UNIVERSITY COMPULSORY ~ 6 CREDITS (2 COURSES)

No	Course Code	Course Name	Credit	Grade	Semester Pass
1	MEEU 0013	Introduction to Research Methodology in Electrical Engineering	3		
2	Uxxx xxx3	Non-Technical Subject	3		

Work Schedule (Taught Course)

SEMESTER II, 2024/2025 SESSION (17 MARCH – 5 OCTOBER 2025)					
NO.	PROGRAMME	DURATION	WEEK	DATE	REMARKS
1.	Registration of Courses for Semester II, 2024/2025 Session (ONLINE)	2 weeks	-	13 – 28 Mar 2025	<p>Couse registration through Student Portal (https://my.utm.my)</p> <p>According to the Postgraduate Academic Regulations, students must register courses every semester within the specified dates. Those who fail to register without acceptable reasons will be terminated.</p>
2.	Semester II, 2024/2025 Session Lectures (Part 1)	7 weeks	Week 1 – 7	17 Mar – 4 May 2025	<p>Birthday of the Sultan Johor (Johor Only) 23 Mar 2025</p> <p>Eid Al-Fitri* 31 Mar – 1 Apr 2025</p> <p>Nuzul Al Quran (KL Only) 18 Mar 2025</p>
3.	Submission of Confirmation for Award of Degree (For Taught Course Students Only)	10 weeks	Week 2 – 12	24 Mar – 6 June 2025	<p>Submission through Student Portal (https://my.utm.my)</p>
4.	Submission of Confirmation for Award of Degree (For Mixed Mode Students Only)	-	-	Open throughout the semester	<p>For Mixed Mode students, the Confirmation for Award of Degree must be submitted when submitting their dissertation/thesis for the oral examination.</p> <p>Submission through Student Portal (https://my.utm.my)</p>

Work Schedule (Taught Course)

SEMESTER II, 2024/2025 SESSSION (17 MARCH – 5 OCTOBER 2025)					
NO.	PROGRAMME	DURATION	WEEK	DATE	REMARKS
5.	Amendments of Course Registration <i>(ONLINE)</i>	1 week	Week 3	31 Mar – 6 Apr 2025	Amendment of course registration through Student Portal (https://my.utm.my)
6.	Late Registration of Courses (WITH PENALTY)	1 week	Week 4 - 5	9 – 15 Apr 2024	Late course registration and late amendment of course registration through Student Portal (https://my.utm.my)
7.	Amendments of Courses Registration (WITH PENALTY)	2 weeks	Week 4 - 5	8 – 18 Apr 2025	A penalty of RM100.00 for each course will be imposed for late registration/ amendments.
8.	Course Withdrawal (TD)	3 weeks	Week 7 – 9	28 Apr – 16 May 2025	<p>Please be informed that if a student chooses to withdraw from a course after the deadline for the Course Registration Amendment Period, the student is still required to pay the fees for the withdrawn course.</p> <p>Course withdrawal applications will not be accepted after this deadline on 16 May 2025. A penalty of RM100.00 per course will be imposed for TD. The deadline for course withdrawal applications with a penalty is before the revision week.</p> <p>Labour Day 1 May 2025</p> <p>Wesak Day 12 May 2025</p>

Work Schedule (Taught Course)

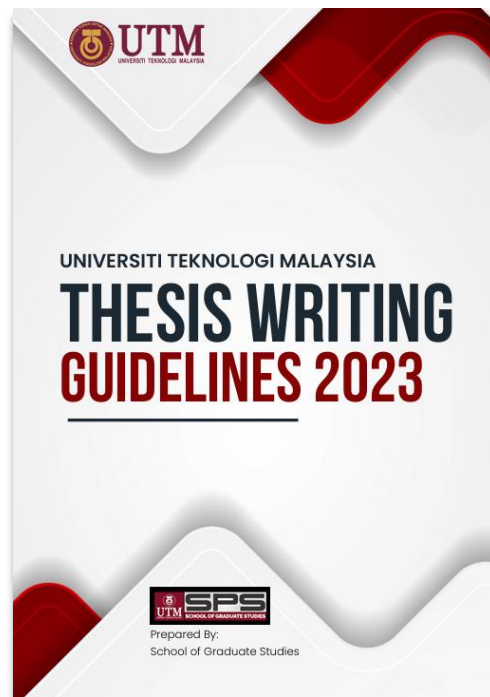
SEMESTER II, 2024/2025 SESSION (17 MARCH – 5 OCTOBER 2025)					
NO.	PROGRAMME	DURATION	WEEK	DATE	REMARKS
9.	Faculty check and remind students who did not register any courses for termination	4 weeks	Week 7 – 10	28 Apr– 23 May 2025	Faculty will contact/email students who did not register any courses. Students who did not give any feedback to the faculty within this period can be terminated.
10.	Application for Deferment or Withdrawal of Programme	7 weeks	Week 7 – 13	28 Apr – 13 June 2025	Yang Dipertuan Agong's Birthday 2 June 2025
11.	Mid Semester Break for Semester II, 2024/2025 Session	1 week	Week 8	5 – 9 May 2025	
12.	The date of the restriction process due to debt by Bursary	-	Week 9	13 May 2025	
13.	Continuation of Semester II, 2024/2025 Session Lectures (Part 2)	7 weeks	Week 9 – 15	12 May – 29 June 2025	Yang Dipertuan Agong's Birthday 2 June 2025 Eid Al-Adha* 7 June 2025
14.	AMaCS Issues Termination Letter to Students Who Did Not Register Any Courses	1 week	Week 16	30 Jun – 4 Jul 2025	Awal Muharram 27 June 2025
15.	Revision Week	1 week	Week 16	30 Jun – 6 Jul 2025	
16.	Final Examination for Semester II, 2024/2025 Session	3 weeks	Week 17 - 19	7 - 27 Jul 2025	Hari Hol Almarhum Sultan Iskandar (Johor Only) 31 July 2025
17.	Final Break Semester II, 2024/2025 Session	10 weeks	Week 20– 29	28 Jul – 5 Oct 2025	
18.	Deadline for Submission of Dissertation (For Mixed Mode Students Only)	-	-	3 Oct 2025	

Important Things to Know

- Course Registration : 13 – 28 March 2025
- Registration Amendment : 31 March – 6 April 2025
- Late Course Registration : 9 – 15 April 2025 (**with penalty**)
- Late Registration Amendment : 8 – 18 April 2025 (**with penalty**)
- Course Withdrawal : 28 April – 16 May 2025
- Application for Deferment : 28 April – 13 June 2025
- Final Examination Week : 7 – 27 July 2025
- Failure to register any course : **Termination from study (research / taught course)**

Academic Regulations, Procedures and Other Circulars

- Go to sps.utm.my

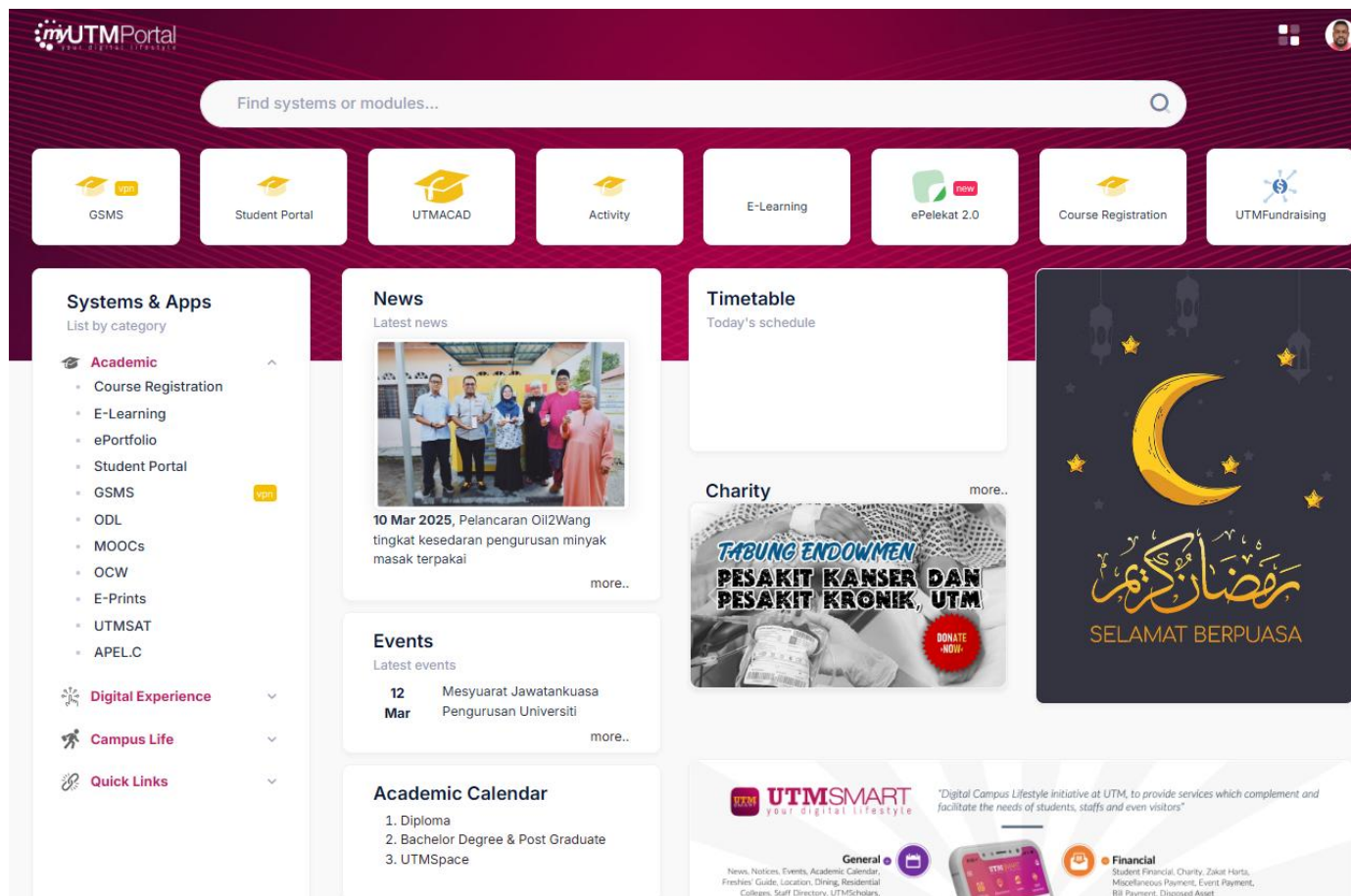


Course Registration

- **COMPULSORY** for every semester
- **LATE REGISTRATION** will be penalized RM 100.00 / course
- Failure to register course will result in **TERMINATION** of study
- Register through my.utm.my > Academic > Course Registration



Course Registration



myUTMPortal
THE DIGITAL LIFESTYLE

Find systems or modules...

[GSMS](#)
[Student Portal](#)
[UTMACAD](#)
[Activity](#)
[E-Learning](#)
[ePelekat 2.0](#)
[Course Registration](#)
[UTMFundraising](#)

Systems & Apps
List by category

- Academic**
 - Course Registration
 - E-Learning
 - ePortfolio
 - Student Portal
 - GSMS
 - ODL
 - MOOCs
 - OCW
 - E-Prints
 - UTMSAT
 - APEL.C
- Digital Experience
- Campus Life
- Quick Links

News
Latest news

10 Mar 2025, Pelancaran Oil2Wang tingkat kesedaran pengurusan minyak masak terpakai

Events
Latest events

12 Mar Mesyuarat Jawatankuasa Pengurusan Universiti

Academic Calendar

- Diploma
- Bachelor Degree & Post Graduate
- UTMSpace

Timetable
Today's schedule

Charity

TABUNG ENDOWMEN PESAKIT KANSER DAN PESAKIT KRONIK, UTM

SELAMAT BERPUASA

UTMSMART
your digital lifestyle

"Digital Campus Lifestyle Initiative at UTM, to provide services which complement and facilitate the needs of students, staffs and even visitors"

General
News, Notices, Events, Academic Calendar, Freshies' Guide, Location, Dining, Residential Colleges, Staff Directory, UTMScholars, ...

Financial
Student Financial, Charity, Zakat Haris, Miscellaneous Payment, Event Payment, Bill Payment, Disposed Asset

Deferment of Study

- Deferment (taking a leave from study)
- Students need to apply
- On medical reason, the semester will not be counted in the total semester of study
- For other reasons, the semester will be counted
- Deferment after course registration will incur full semester fees

Postgraduate Students Society

Postgraduate Student Society FKE (UTM PGSS-FKE)

<https://www.facebook.com/groups/pgfkeutm/>



Postgraduate Student Society FKE (UTM PGSS-FKE)

Public group · 1.6K members

Join group

Share

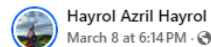
Discussion People Events Media Files

Write something...

Anonymous Post

Photo/video

Poll



Hayrol Azril Hayrol

March 8 at 6:14 PM · 🌐

PENDAFTARAN KINI DIBUKA !!

🚀 Kuasai Penggunaan AI (DeepSeek + Qwen + Elicit + Paper Digest) untuk Menulis Draf Artikel Narrative Review !

📅 Tarikh: 15 Mac 2025

🕒 ... See more



About

Assalamualaikum wbt and Greetings ...

This group is created for the needs of all FKE postgraduate students. Any update on Postgraduate (Master or PhD) are expected to be shared in this group. Sometimes, if not exclusively, often miss the information. So, let us know each one and another and share any information and opinions.

If there are friends who haven't joined, you can add them and you're most welcome.

Thanks and All the Best ! =)

Assalamualaikum wbt dan Salam Sejahtera...

Group ini diwujudkan adalah bagi keperluan semua mahasiswa siswazah FKE. Sebarang perkembangan mengenai aktiviti berkaitan dengan siswazah (Master atau PhD), diharapkan dapat dikongsi bersama dalam group ini. Terkadang kalau bersendirian, sering boleh terlepas maklumat. Jadi, sama-samalah kita saling berkenalan dan berkongsi maklumat dan pendapat.

Kalau ada kawan-kawan yang belum join, boleh add diorang dan sangat-sangat dialukan...

Terima Kasih dan Semoga Berjaya ! =)

Admin

Postgraduate FKE UTM See less

🌐 Public

Anyone can see who's in the group and what they post.

👁 Visible

Anyone can find this group.

📍 Skudai, Johor, Malaysia

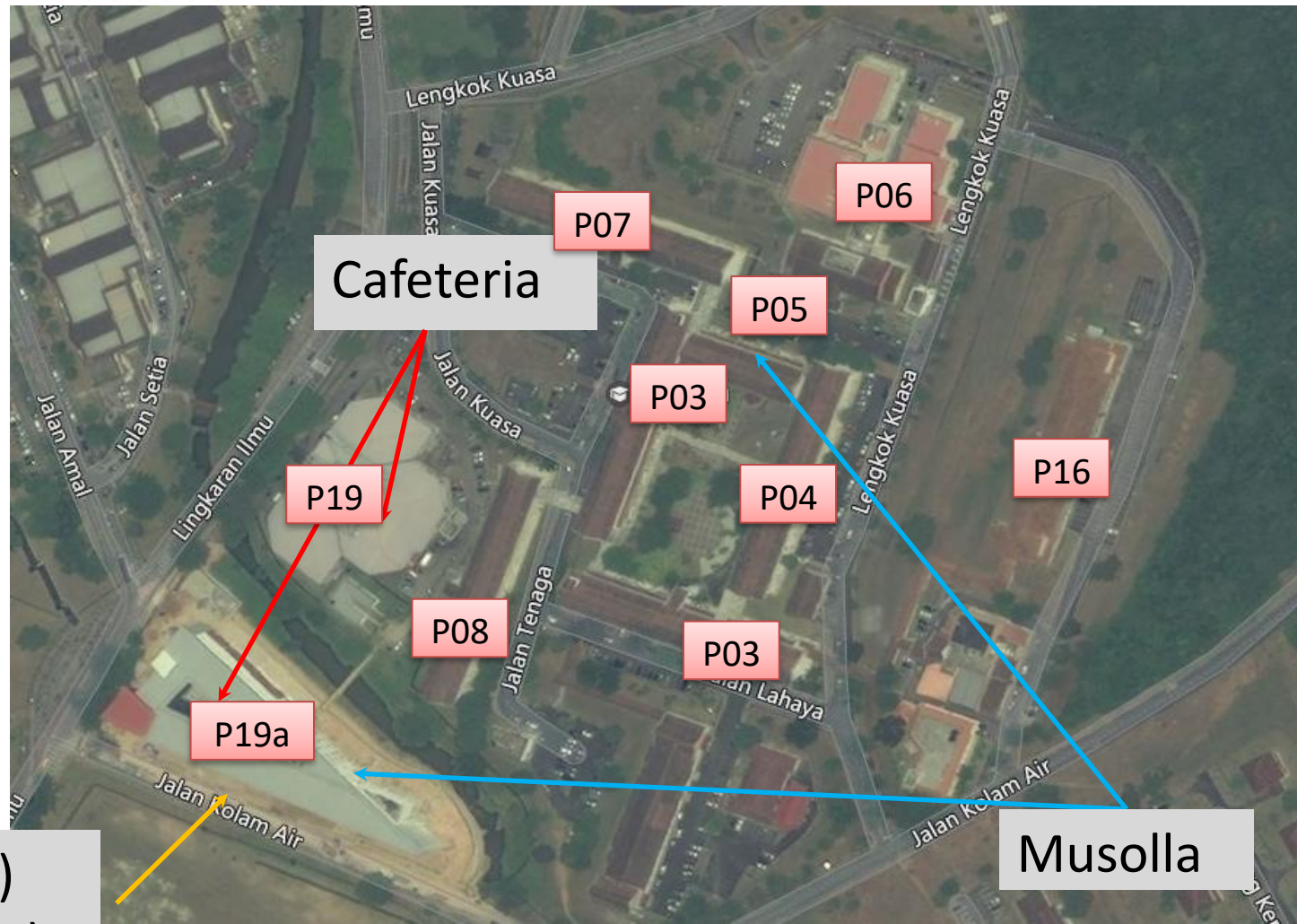
The Faculty : Getting Around

FKE Buildings



You are here

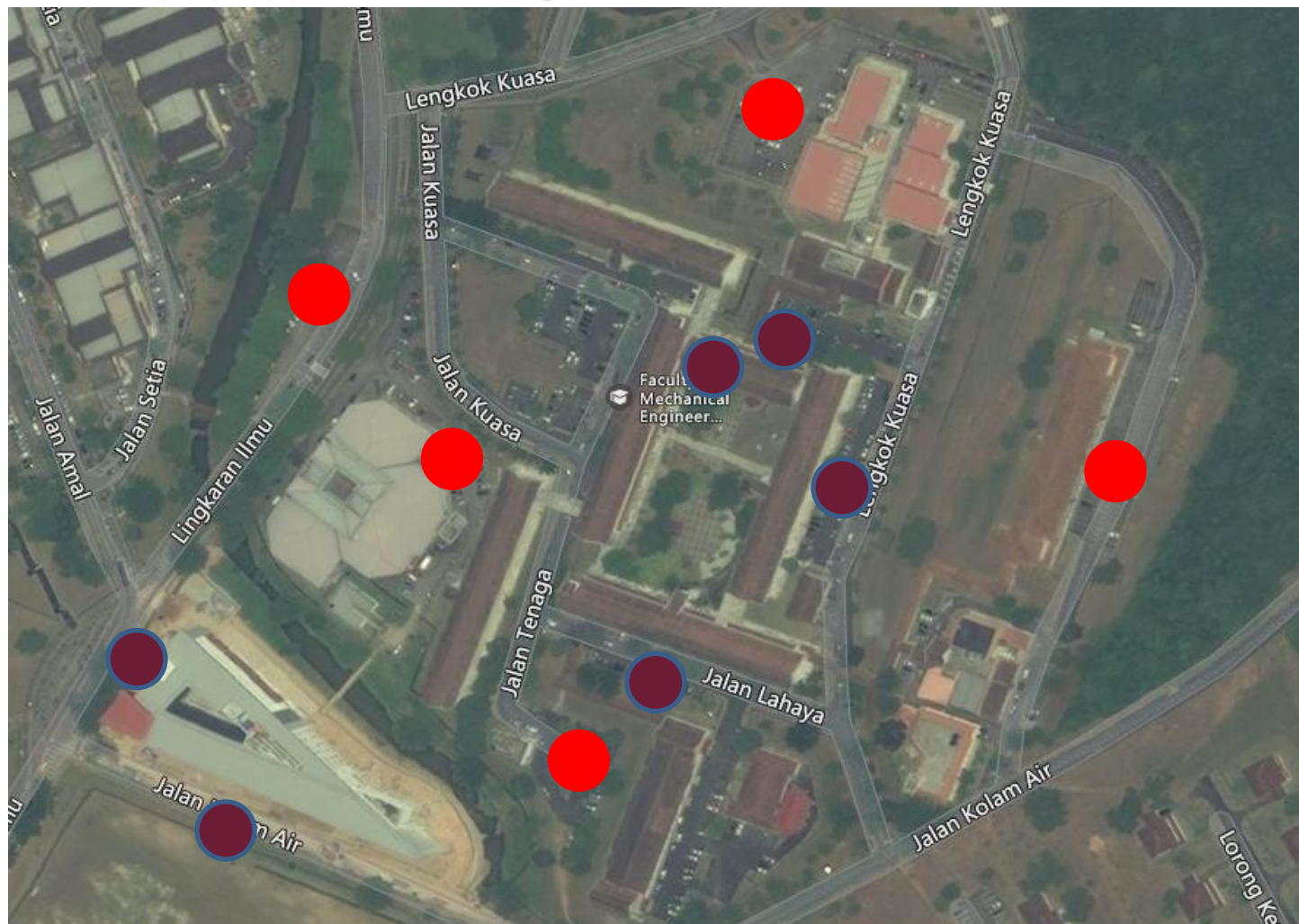
FKE Map



PG Office (L-1)
Class rooms (L-4)

Parking areas

- Staff only
- Students



Join Telegram Group

- Telegram Group:
- <https://t.me/joinchat/-will-be-given>

Important Websites

SPS	:	sps.utm.my
AMD	:	amd.utm.my
FKE	:	fke.utm.my
E-learning	:	elearning.utm.my
My UTM	:	my.utm.my
UTM Digital	:	digital.utm.my

Thank You & Welcome to FKE

Please perform course registration from 13 March 2025
Lectures will be online from 17 March - 4 April 2025. After that, lectures will
resume to physical face-to-face.