

UTM Engineering Facts & Figures •••••

ACTIVE STUDENT NO.

Total PG & UG student: 11,070 Total PG student: 3,175 Total UG student: 7,895



Total Master Student: 1,395 **Total PhD Student:** 1,780

Total International Student: 868 (PG),

1,141 (UG)

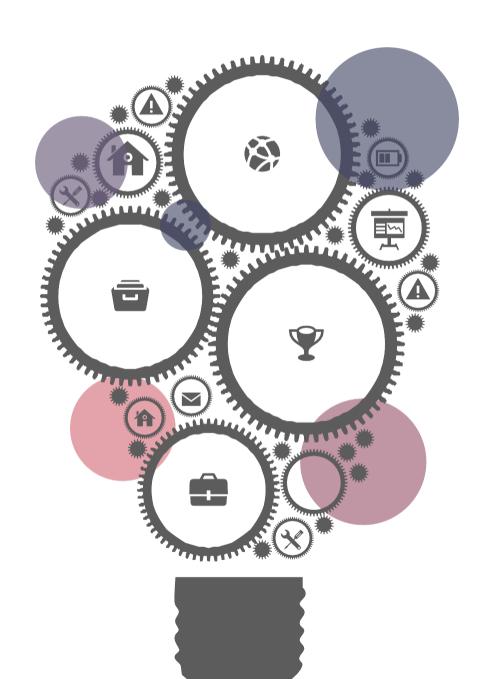
Total Local PG Student: 2,307

*Data as at 09.12.2019

TOTAL CAMPUS EXPERIENCE

Outbound Mobility: 43
Inbound Mobility: 150
Non-Graduate Student: 92





REPUTATION



QS Ranking by
Subjects: #85 HiCoEs: 4
Research Centre:
17 Centre of
Excellence: 6
Research Group: 49
Graduate Employability:
94%

INDUSTRY LINKAGES/ BRANDING/RESEARCH ACTIVITIES



Community engagement projects: 23 Research Grant Secured: RM32,952,579.90 Income from research & innovation:

RM15,189,294.60

Indexed publications: 1,975

Citations: 59,983





Reformation of work process towards efficient administration and management of resources

Main thrusts for Synergy



To enhance team spirit and togetherness through holistic development of staff



Strengthen collaboration with other PTJs for effective and balanced implementation process



Maximize utilization of technology in line with the development of Industrial Revolution 4.0

These are the main thrusts that we use as our guide in ensuring successful implementation of Synergy 4.0 at UTM Engineering

DNA required for Synergy





Level of cooperation will determine how fast and how far UTM Engineering will go



Consider alternatives.
There is always more
than one way
of doing things



Right response on feedback is crucial, but quick adaptation is equally important



Tap and nurture the abilities and potential of our staff/unit



Don't make things complicated.
Simplicity always work best.



NEW STRUCTURE NEW PROCESS

We initially faced lots of hiccups because we used the old process in the new structure. We realized that there are certain things that just wont work within the new structure.





Dean

Prof. Dato' Ir. Dr. Mohammed Rafiq bin Dato' Abdul Kadir



Chair SCEEE Prof. Dr. Mohd Ghazali bin Mohd Nawawi



Chair SME Prof. Dr. Mohd Hasbullah bin Hj. Idris



SCE Prof. Dr. Khairul Anuar bin Kassim



Deputy Dean (Academic & International)

Prof Dr. Ahmad Baharuddin bin Abd Rahman



Deputy Dean (Research & Innovation)

Prof. Dr. Naomie binti Salim



Deputy Dean (Development & Alumni)

Prof. Dr. Sevia Mahdaliza binti idrus Sutan Nameh



SEE

Prof. lr. Dr. Mohd Wazir bin Mustafa



SC

Prof. Dr. Wan Mohd Nasir bin Wan Abdul Kadir



SBME

Prof. Dr. Kahar bin Osman



Deputy Dean (Student Affair)

Assoc. Prof. Dr. Roshanida binti A. Rahman



Assistant Dean (Continuing & Transnational Education)

Prof. Dr. Norhazilan bin Md Noor



Assistant Dean (Global & External Engagement)

Prof. Ir. Dr. Shuhaimi



Assistant Deans (Quality & Strategy)

Prof. Dr. Abd. Latif bin Saleh



Senior Deputy Registrar

Asram bin Sulaiman



Deputy Registrar Mohd Fazilah bin Abdullah



Deputy Registrar Azri bin Hohad



IT Manager

Siti Faridah bte Shikh A Rahman



Deputy Registrar Hazila binti Rahmat



Senior Assistant Registrar (Academic)

Nurazlyna binti Marjid



Senior Assistant Registrar (Research & Innovation)

Radiah binti Mohd Alip



Assistant Registrar (Student Affair) Enna Fasihah binti Fadilah



Engineer Abd Basid Abd Rahman



Senior Assistant Registrar (Human Resource)

Norliza binti Abdul Rahim



Assistant Registrar (Human Resource)

Asyakireen Samsudin



Senior Assistant Registrar (Quality & Strategy)

Murni Hariyanti binti Muslim



LEADERSHIP & MANAGEMENT UTM ENGINEERING



Prof. Dato' Ir. Dr. Mohammed Rafiq bin Dato' Abdul Kadir

Dekan

Dean's Office



Prof. Dr. Mohd Ghazali bin Mohd Nawawi

Pengerusi SKT



Prof. Dr. Mohd Hasbullah bin Haji Idris

Pengerusi SKM



Prof. Dr. Khairul Anuar bin Kassim

Pengerusi SKA



Chair of School

Prof. Dr. Mohd Wazir bin Mustafa Pengerusi SKE



Prof. Dr. Wan Mohd Nasir bin Wan Kadir Pengerusi SC



Prof. Dr. Kahar bin Osman

Pengerusi SKBSK



Prof. Dr. Ahmad

Baharuddin bin Abd

Rahman

Timbalan Dekan (Akademik)



Prof. Dr. Naomis binti Salim
Timbalan Dekan

(Penyelidikan & Inovasi)



im Prof. Dr. Sevia Mahdaliza binti Idrus

Timbalan Dekan (Pembangunan & Alumni)



Prof. Madya Dr.
Roshanida binti A.
Rahman
Timbalan Dekan
(Hal Ehwal Pelajar)

Associate Chairs

5 Academic & Student Development

5 Research & Academic Staff

6 Quality & Strategy

6 Facility

5 Continuing & Transnational Education





Prof. Ts. Dr. Abd Latif bin Saleh

Penolong Dekan (Kualiti & Strategi)



Prof. Ir. Dr. Shuhaimi bin Mansor

Penolong Dekan (Global & Hubungan Luar)



Prof. Dr. Norhazilan bin Mohd Noor Penolong Dekan (Transnasional & Pendidikan Berterusan)

UTM ENGINEERING Strategy Map

Vision, Mission & Thrust

Vision: To be a premier global faculty in engineering and technology

Mission: Synergizing academic capacity to nurture holistic talents and lead in innovative technologies.

T1: Holistic, Innovative and Entrepreneurial Academia

T2: Academic & Research Excellence

T3: Leading Industry & Community

T4: Global Prominence

STUDENTS, STAFF, GOVERNMENT, INDUSTRY & COMMUNITY





S1.1, S1.2,

S2:UTM Core Values-Driven Talent with Great Sense of Well-being

S2.1

S3: Widening Access to Flexible and Quality
Education S4: Creative Market Driven Products
& Services

S5: Headline Making Global Prominence in Academic & S3.1, S4.1, S4.2R, & alr.3h, S4.1.5, S5.1, S5.1.1, S5.1.2 S5.1.3, S5.2, S5.2, S5.2, S5.2.2, S5.3, S5.3.1, S5.3.7

Internal Processes



P 1: 21st Century Curriculum Design & Delivery using Life Ready Graduate Framework P 1.1 P2:
Transformative
Student
Experience
P2.

P3:Excellent Research
Standing through Niche
Building and Translational
Research

P3 1 P3 2

P4: Accelerated High Performance Delivery Enforced by Effective Governance System

P4.1,

Learning & Growth



L1: Develop Exemplary Talent with Future Proof KSAs and Holistic Values

P 1.1

L2:Enhanced Technology and Information System in Digital Age

L3:Provide Green and Sustainable Organizational Resources

L3 .1, L3 .2

Financial



F1: Enculturate Strategic and Innovative Financial Management

F1.1

F2: Diversity Income Generation for Financial Sustainability

F2.1

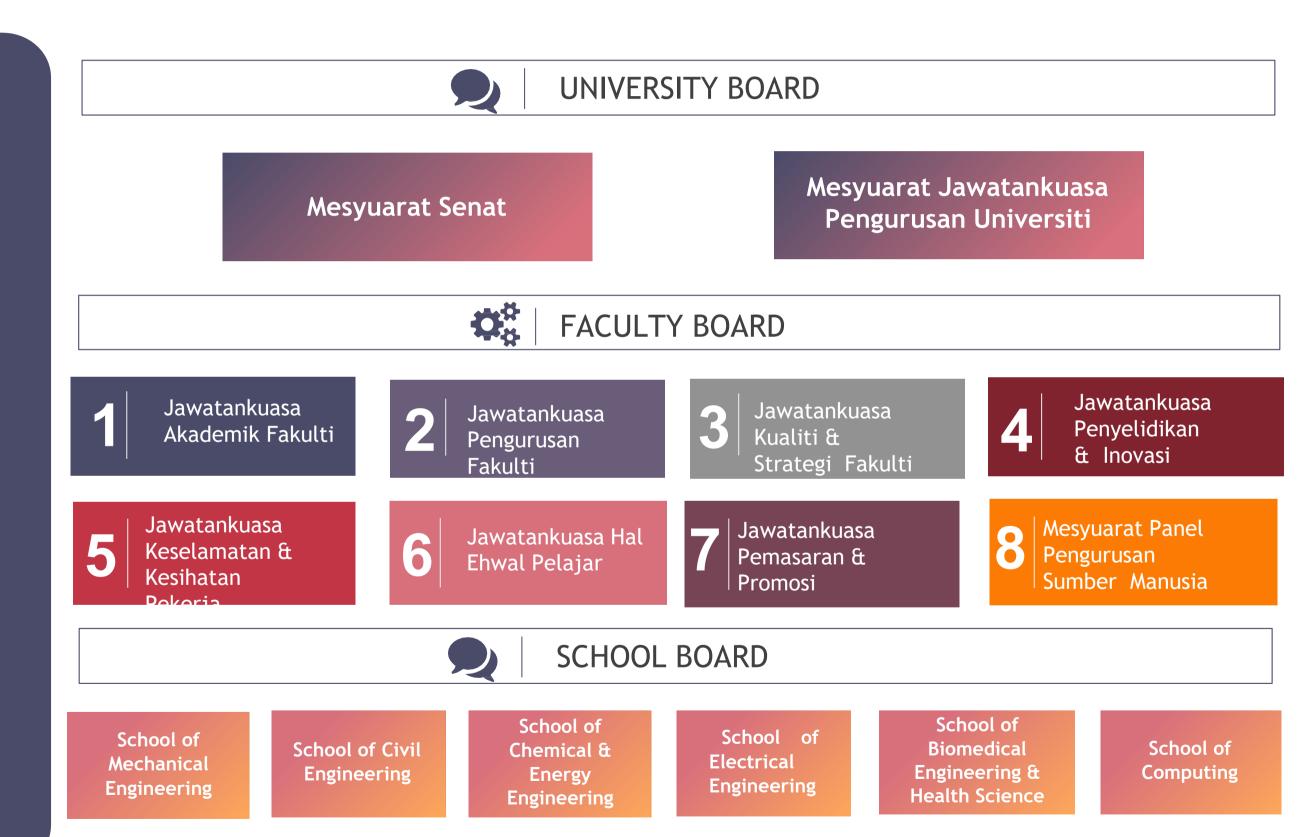
Core Values

Integrity, Sinergy, Excellence & Sustainability

Governance Framework Faculty of Engineering Overview of FE Governance Framework

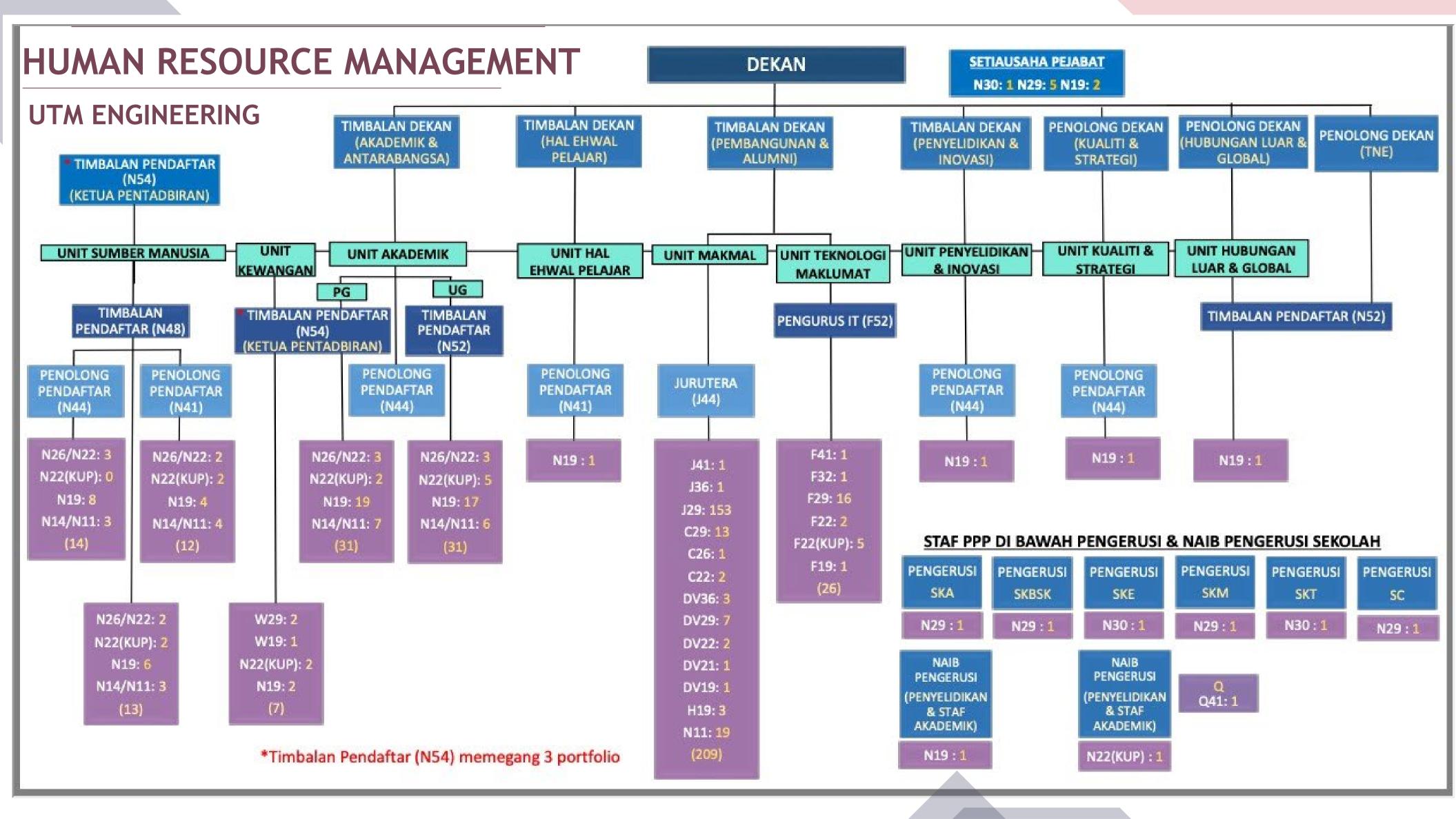
CONTINUOUS QUALITY IMPROVEMENT

- Schools provide report on academic programme review APAR;
- Faculty provide report on academic programme review – APAER;
- New programme development will go to JKAF JKKU, JKTS, senate at University Level;
- Each School will recommend recruitment, Performance Appraisal and promotion of Staff;



INFORMATION FLOW

- School minutes are provided to facultyBoard
- Faculty Committee
 minutes are provided
 to Faculty Board
- Faculty Board will
 provide
 minute of meeting and recommendation for
 University Board approval



Human Resource Framework Faculty of Engineering Overview of FE HR Framework for Academic Staff

LAPOR DIRI

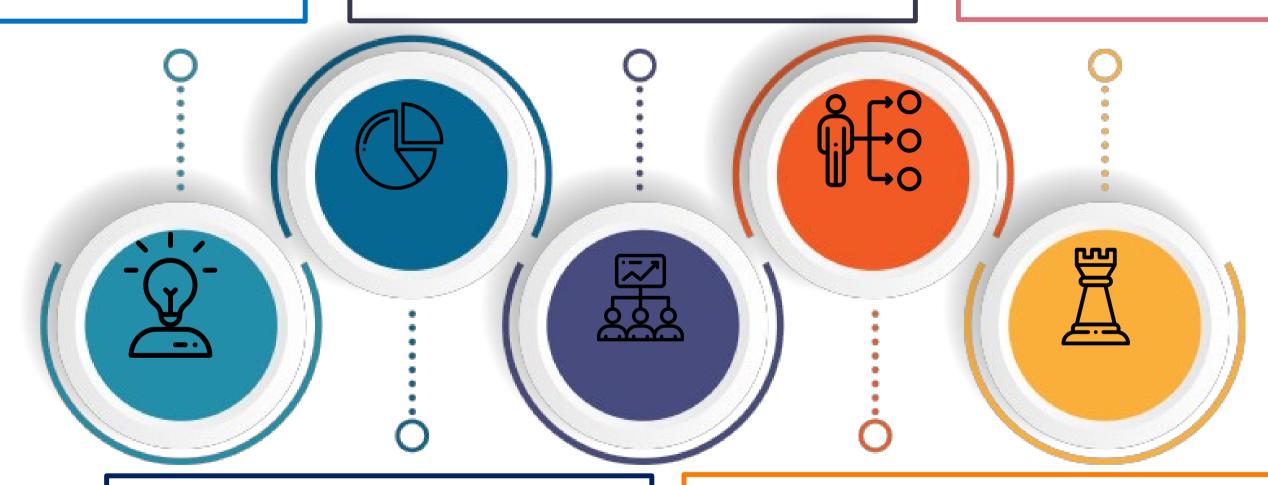
- Menandatangani surat penerimaan jawatan, Akuan Sumpah, surat Akta Rasmi 1972,
- Melengkapkan borang permeriksaan perubatan dan borang pendaftaran klinik panel
- Mengisi borang kemasukan data kakitangan baru

PENILAIAN PRESTASI

- Kemasukan data 7p
- Semakan dan pengesahan data oleh pegawai penilai
- Penilaian markah prestasi oleh pegawai penilai
- Staf perlu membuat pilhan Trek DCP samada Pengajaran, Penyelidikan, Amalan Profesional atau Transisi

PERSARAAN

- Telah disahkan dalam jawatan
- Telah diluluskan Pemberian Taraf Berpencen.
- Berumur 40 tahun dan ke atas dan mempunyai tempoh perkhidmatan tidak kurang daripada 10 tahun yang boleh dimasukkira. (Bersara pilihan)



SAH JAWATAN

- Memenuhi tempoh percubaan 1 hingga 3 tahun
- Hadir dengan jayanya Program Transformasi Minda (PTM)
- Lulus peperiksaan yang disyaratkan mengikut skim perkhidmatan
- Diperakukan oleh Ketua Jabatan.

KENAIKAN PANGKAT

- Disahkan dalam perkhidmatan.
- Mencapai tahap kecermelangan akademik
- Melepasi semua penilaian tahap kecekapan yang ditetapkan.
- Diperaku oleh Ketua Jabatan/Ketua Perkhidmatan.
- Staf menghantar permohonan bersama CV.
- Staf perlu membuat pilhan Major DCP samada Pengajaran, Penyelidikan

dan Amalan Profesional atau Transisi.

Human Resource Framework Faculty of Engineering Overview of FE HR Framework for Professional & Support Staff

LAPOR DIRI

- Menandatangani surat penerimaan jawatan, Akuan Sumpah, surat Akta Rasmi 1972,
- Melengkapkan borang permeriksaan perubatan dan borang pendaftaran klinik panel
- Mengisi borang kemasukan data kakitangan baru

PENILAIAN PRESTASI

- Kemasukan data KAI, SKT dan Kegiatan & Sumbangan
- Semakan dan pengesahan data oleh pegawai penilai
- Penilaian markah prestasi oleh pegawai penilai

PERSARAAN

- Telah disahkan dalam jawatan
- Telah diluluskan Pemberian Taraf Berpencen.
- Berumur 40 tahun dan ke atas dan mempunyai tempoh perkhidmatan tidak kurang daripada 10 tahun yang boleh dimasukkira. (Bersara pilihan)



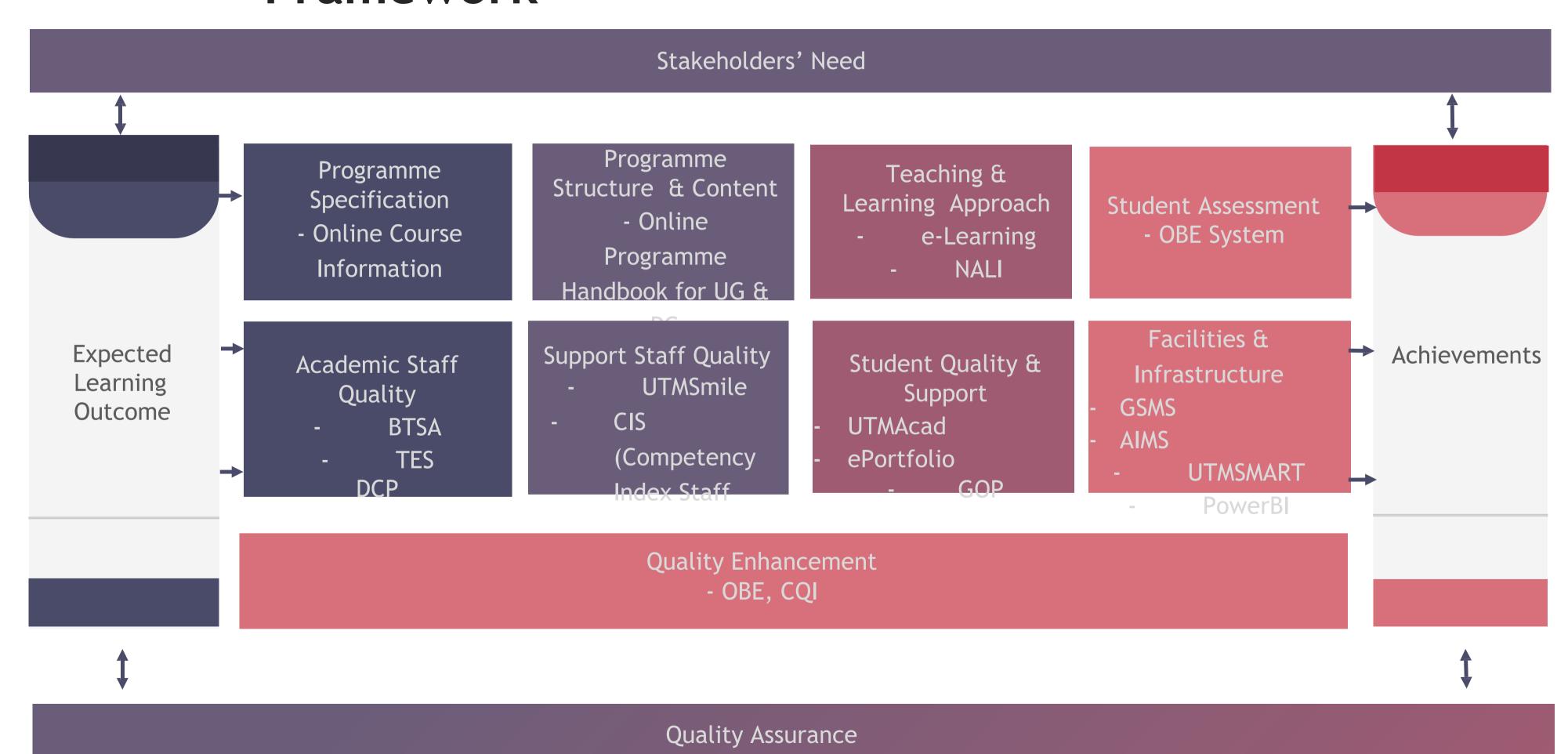
SAH JAWATAN

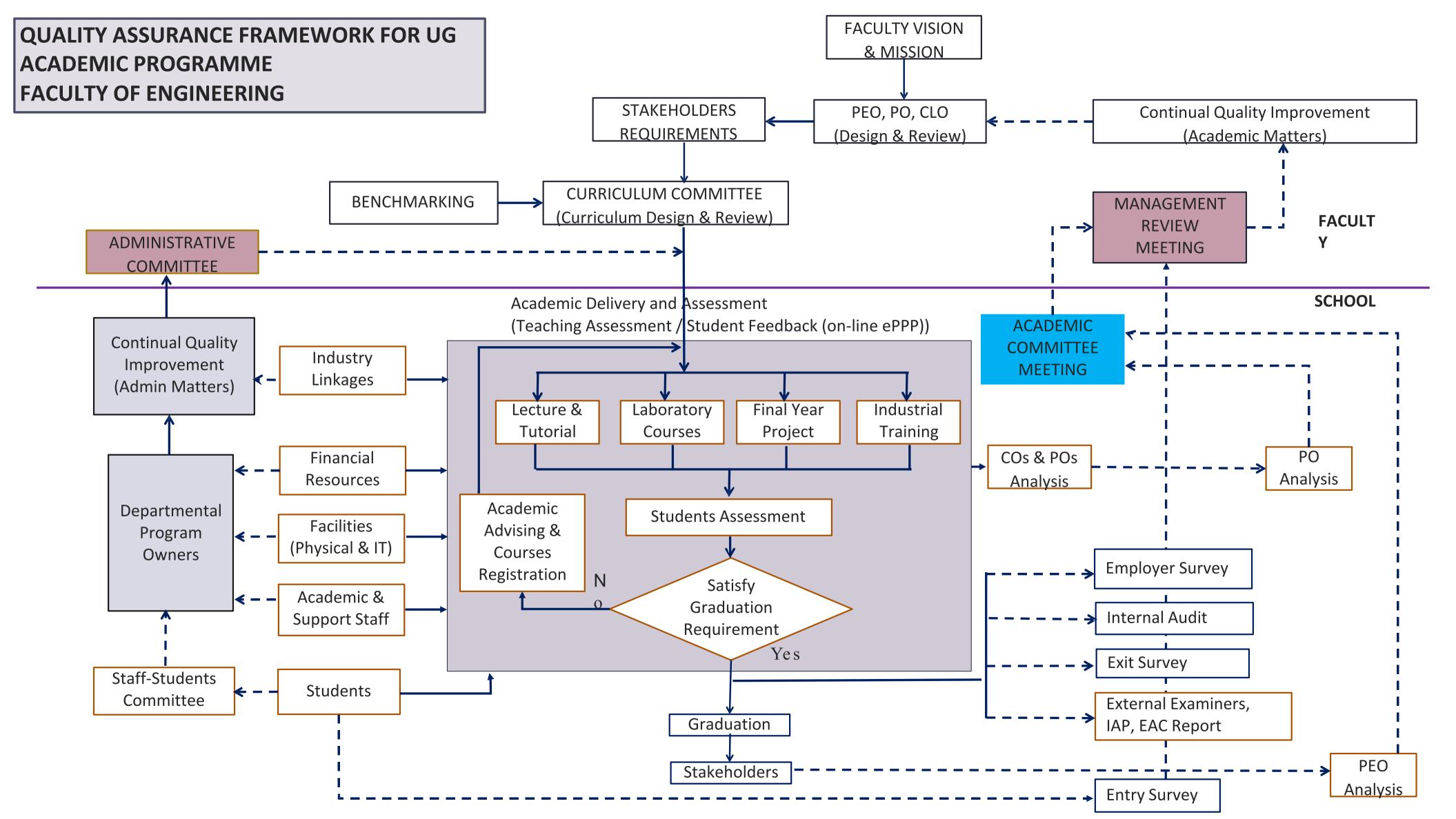
- Menamatkan tempoh percubaan dengan memuaskan
- Hadir dengan jayanya Program Transformasi Minda (PTM)
- Lulus peperiksaan yang disyaratkan mengikut skim perkhidmatan
 - Diperakukan oleh Ketua Jabatan

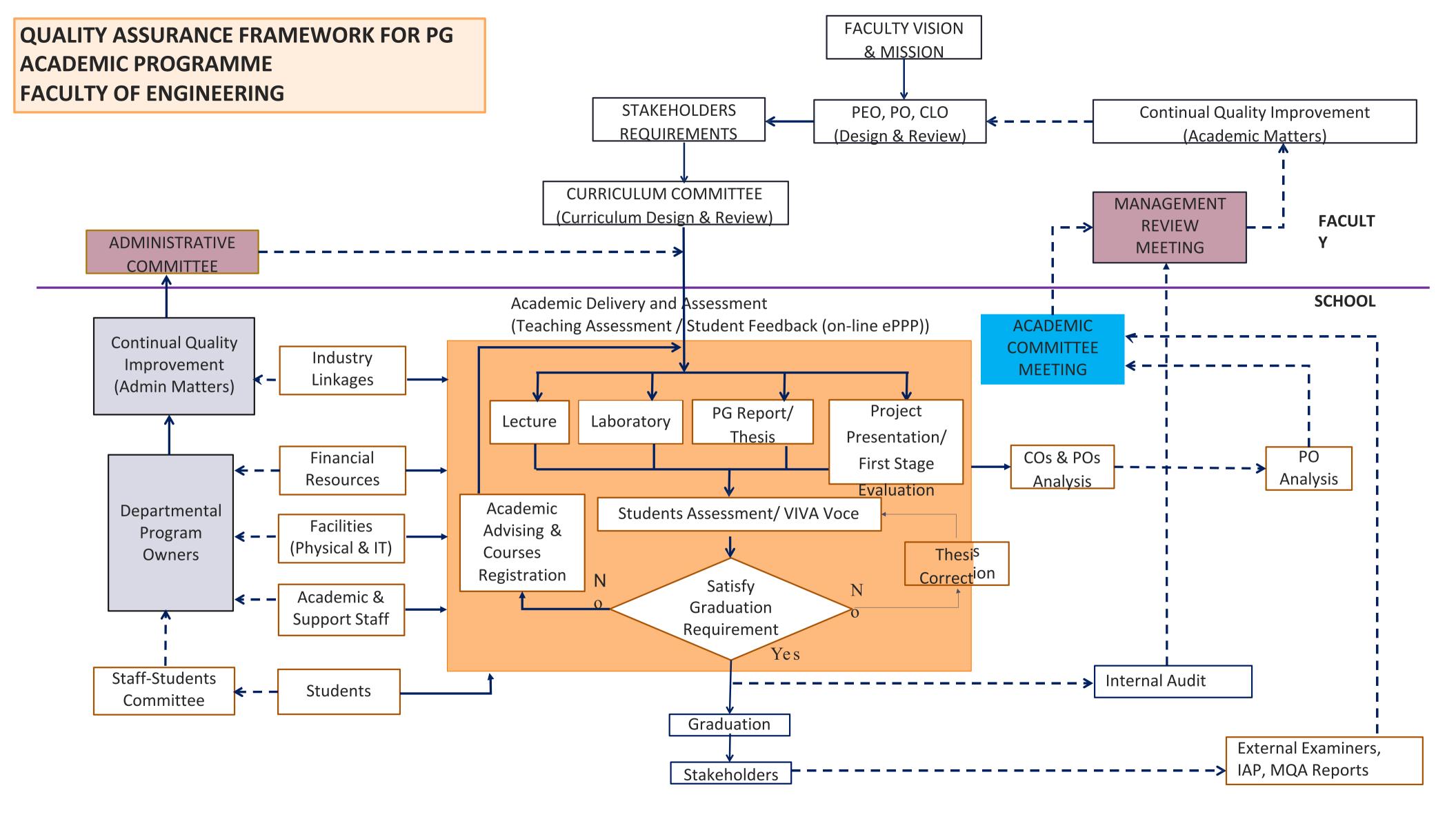
KENAIKAN PANGKAT

- Disahkan dalam perkhidmatan.
- Melepasi semua penilaian tahap kecekapan yang ditetapkan.
- Diperaku oleh Ketua Jabatan/Ketua Perkhidmatan.

Internal QA Information Management Framework •••••









Academic Programs @UTM Engineering SCH OOLS



23 UG PROGRAM



56 MASTER PROGRAM



18 DOCTORATE PROGRAM

9. Curriculum Design & Review

The curriculum design and review process, and curricula are improved.





- Ranked 85 in the Faculty of Engineering & Technology
- Best Global Universities Top 40 in Engineering
- 2019-2021 MDEC Premier Digital Tech University
- Washington Accord Signatory
- 2019/2020 US News Best Global Universities
 Top 2 universities in Malaysia and
 Top 40 in the world for Engineering





Congratulations 16 SUBJECTS RANKED IN OS WORLD UNIVERSITY RANKINGS BY SUBJECT 2020

TOP 100 in the World

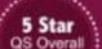
- Architecture / Built Environment
- Civil Engineering
- Chemical Engineering
- Electrical & Electronics Engineering

No. 1 in Malaysia

- Architecture / Built Environment
- Civil Engineering

From: UTM Commu











Curriculum Development

Master of Science (Energy

Management)



Feedbacks from stakeholders

- i. IAP Industrial Panel
- iii. Addostries
- iv. Lecturers





+ Professional Certificate

Students completed this programme are eligible to be certified as Registered Electrical Energy Manager (REEM) by Suruhanjaya Tenaga Malaysia



Proposed curriculum structure

PRO	GRAMME CORE	COURSES (Compulsory)			
1	MKKE 1213	Sustainable Energy	а	2	
		Management	3	•	
2	MKKE 1223	Project Management and	3	2	
		Ethics	-3	3	
3	MKKE 1113	Mechanical and			
		Electrical Energy	3	3	
		Management			
4	MKKE 1123	Energy Life Cycle Cost			
		and Emission Analysis	3	3	
5	MKKE 1233	Research Methodology			
		and Design of	3	3	
		Experiments			
6	MKKE 1243	Computer Aided Tools for	_		
		Energy-Efficient Industry	3	3	
TOTA	L CREDIT OF CO	ORE COURSES (a)	12	12	
PRO	GRAMME ELECT	IVE COURSE (Choose only 4	Courses)		
T	MKKE 2133	Renewable Energy			
2	MKKE 2163	Biomass for Renewable			
		Energy, Fuels and			
		Chemicals			
3	MKKE 2173	Inherent Occupational			
		Health Assessment in			
		Chemical Process	12	12	
4	MKKE 2153	Thermal Energy			
		Management			
5	MKKE 2143	Energy Integration and			
		Resource Conservation			
6	MKKE 2253	Solid and Hazardous			
_		Waste Management			
TOTA	AL CREDIT OF EL	ECTIVE COURSE (b)	12	12	
	ERSITY GENERA	10 E			
1	D3	University General Course	3	3	
TOTA		IIVERSITY GENERAL COURSE	_		
(c)			3	3	
* A*	ARCH SKILLS				
1	MKKE 1315	Master Project 1	5	5	
-		Master Project 2	7	7	
2					
_		SEARCH SKILLS (d)	12	12	

UNDERGRADUATE ACADEMIC PROGRAMMES AUDITED IN

2019
Recognised Worldwide









No	Programme Name	Accredited Graduate Year	No. of Accredited Years
1	Bachelor of Engineering (Chemical)	2018-2023	6
2	Bachelor of Engineering (Chemical-BioProcess)	2018-2020	3
3	Bachelor of Engineering (Chemical-Gas)	2019-2024	6
4	Bachelor of Engineering (Petroleum)	2019-2024	6
5	Bachelor of Engineering (Nuclear)	2020-2025	6
6	Bachelor of Engineering (Electrical)	2019-2021	3
7	Bachelor of Engineering (Electrical-Electronics)	2019-2024	6
8	Bachelor of Engineering (Electrical-Mechatronics)	2019-2021	3
9	Bachelor of Engineering (Civil)	2018-2023	6
10	Bachelor of Engineering (Biomedical)	2019-2021	3

UNDERGRADUATE ACADEMIC PROGRAMMES AUDITED IN

2019 Recognised Worldwide









No	Programme Name	Accredited Graduate Year	No. of Accredited Years
1	Bachelor of Science (Mechanical-Industrial)	2018-2023	6
2	Bachelor of Science (Mechanical-Manufacturing)	2018-2023	6
3	Bachelor of Mechanical Engineering (Aeronautics)	2018-2023	6
4	Bachelor of Mechanical Engineering (Automotive)	2018-2023	6
⁵ Bac	helor of Mechanical Engineering (Materials)	2018-2023	6
6	Bachelor of Mechanical Naval Architecture and Offshore Engineering	2019-2024	6
7	Bachelor of Engineering Mechanical	2018-2023	6

UNDERGRADUATE ACADEMIC PROGRAMMES AUDITED IN











No	Programme Name	PDTI Status
1	Bachelor of Computer Science (Software Engineering)	2018-2020
2	Bachelor of Computer Science (Data Engineering) – 2u2i	2018-2020
3	Bachelor of Computer Science (Computer Networks and Security)	2018-2020
4	Bachelor of Computer Science (Graphics and Multimedia Software)	2018-2020
5	Bachelor of Computer Science (Bioinformatics)	2018-2020

MQA (Full Accreditation

2u2i PROGRAM - WORK BASED LEARNING WITH INDUSTRY COLLABORATION

- Bachelor of Computer Science (Data Engineering) is **the first ICT-based program in Malaysia** offered as a 2u2i program in UTM using a 3u1i model which aim to produce more data professionals in digital jobs economy.
- The program was first offered in 2016 and the School of Computing has collaborated with many industry partners in the teaching and learning in both Day Release and Block Release Work-based Learning Courses.
- For Day Release WBL courses (Year 1, Year 2 and Year 3), SC collaborate with SMEs around JB. Among the industries are Mechabotics, Thinker Space (M) Sdn Bhd, Warna Digital Plt, CS Nano Technologies Sdn Bhd., Holistic Lab Sdn Bhd, Ami Niat Agrotek Sinergi Sdn Bhd
- For **Block Release WBL courses** (Year 4), SC collaborates with Telekom Malaysia, DHL, TopGlove, IJM Corporation Bhd, PPG Coatings (Malaysia) Sdn Bhd, Petroliam Nasional Berhad (Petronas) and DataMicron Systems Sdn Bhd





















Application of 4IR technology tools in UG/PG Curriculum

- Arduino: Open-source electronics platform based on easyto-use hardware and software (apply in Capstone Projects)
- ATmega32: 8-bit high performance microcontroller.
- Altera DE2 Board: Altera DE2 Development and Education board is to provide the ideal vehicle for advanced design prototyping in the multimedia, storage, and networking.
- Quartus II (for CAD programming).
- loT Devices, LEGO
- Cadence, Matlab, Cloud Database in FYP, etc.

TNE PROGRAMME





Padang Indonesia



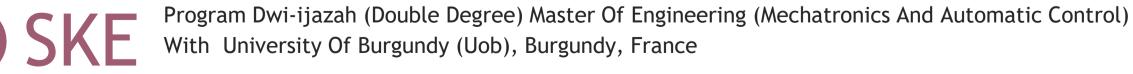
Ijazah Sarjana Muda (Mekanikal - Pembuatan) with Politeknik Negeri Jakarta, Indonesia



Program Dwi Ijazah (Double Degree Programme), Doktor Falsafah with Shizuoka University, Shizuokaken, Japan



International Double Degree Postgraduate Program In Biomedical Engineering With Faculty Of Computer Science And Automation, Technische Universitaet Ilmenau (Tuil), Ilmenau, Germany



Program Dual Ijazah (Dual Degree) Doktor Falsafah Kejuruteraan Elektrik (Utm) Dan Doktor Falsafah Kejuruteraan Isyarat (Univ. Of Rennes) With University Of Rennes, Rennes, France

ONGOING THE PROGRAM IN FE UTM

No	Institution	Country	School	Program	TNE Model	Status
1	Qaiwan University	Kurdistan Iraq	School of Computing	Bachelor (Software)Bachelor (Network)Master (Computer Science)	Franchise	Ongoing Paperwork
			School of Civil Engineering	Bachelor (Civil)Master (Civil)	Franchise	Paperwork
			School of Chemical & Energy Engineering	Bachelor (Petroleum)	Franchise	Paperwork
			School of Biomedical Engineering & Health Sciences		Franchise	Partial approval
			School of Mechanical Engineering		Franchise	Paperwork
2	Tashkent Institute of Architecture and Civil Engineering (TIACE)	Uzbekistan	School of Civil Engineering	Master (Construction)	Franchise	Partial approval
				THE L		



No	Institution	Country	School	Program	TNE Model	Status
1	National Institute of Business Management	Sri Lanka	School of Computing	 Master (IT Security) 	Franchise	Full Approval
	(NIBM)		School of Electrical Engineering	Bachelor (Mechatronic)Master (Electronic)	Hybrid	Full Approval
2	Malaysian Consortium of Mauritius Education (MCME)	Mauritius	School of Chemical & Energy Engineering	Master (OSH)	Franchise	Partial approval

TNE PROGRAM (2019)

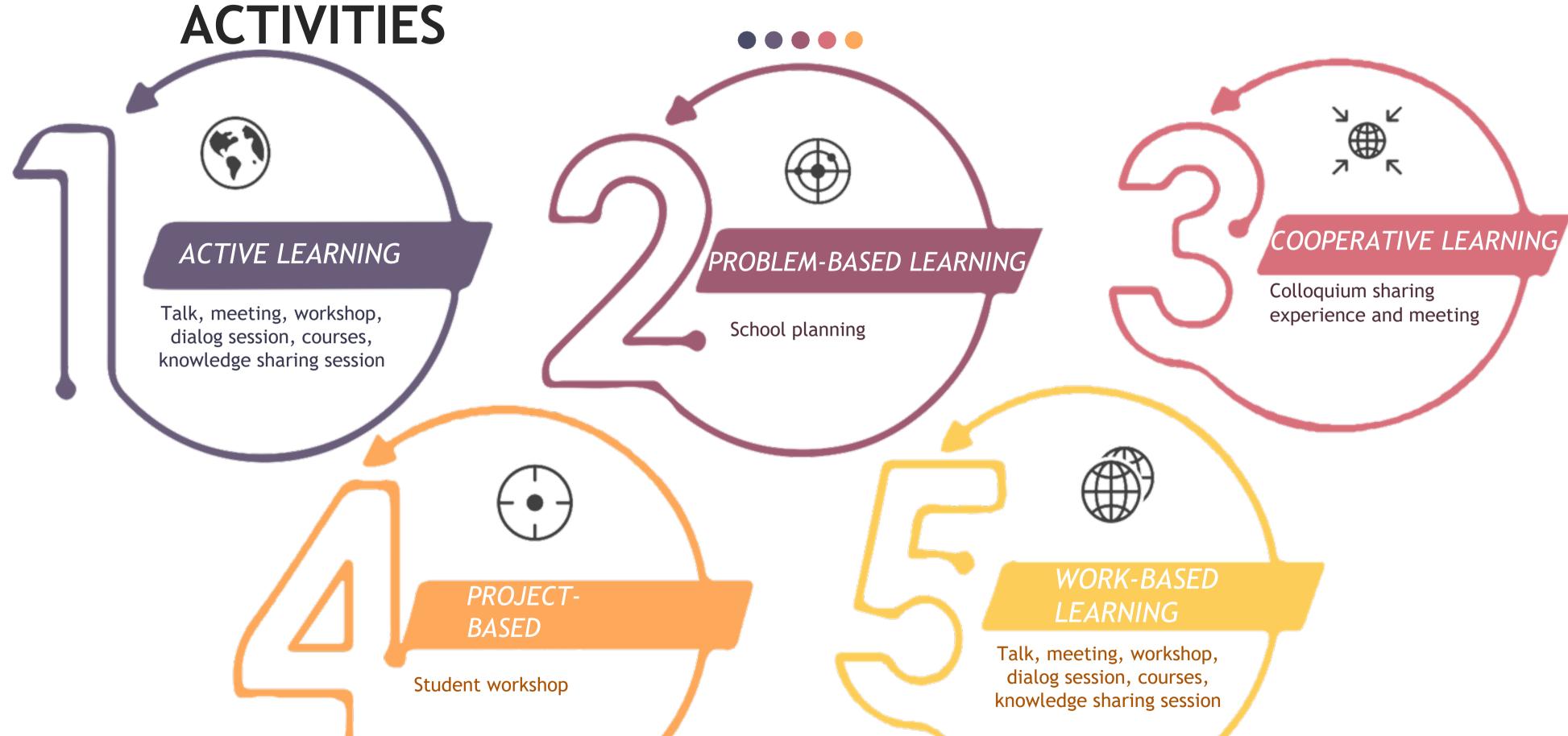
University.

- Continuous quality monitoring of Bachelor of Computing (Software engineering & Network security) at Qaiwan International
- Preparation for a new program of Bachelor of Engineering (Biomedical) at Qaiwan International University in year 2020 under franchisecategory.
- Marketingactivities for two new programs of Bachelor of Electrical Engineering
- (Mechatronic and Electrical) offered at
- National Institute of Business Manage ment (NIBM) Sri Lanka under hyb rid category.

Establishment of Foundation program for Engineering - Oaiwan



FUTURE READY EDUCATOR'S (FREE)



NALI 2019 ACHIEVEMENTS

Silver Winner

- 1. AUTOMOBILE VIRTUAL REALITY MODULE (AVRM)
- 2. QUALITY IMPROVEMENT IN ELECTRICAL CIRCUIT ANALYSIS COURSE

 THROUGH IMPLEMENTATION OF NON-CONVENTIONAL GROUP ACTIVITY

 FOR BACHELOR OF ENGINEERING (ELECTRICAL-ELECTRONICS)
- 3. IDEATION OF CAPSTONE PROJECT USING COGGLE MIND MAP APPLICATION
 TO ENHANCE SCHOOL'S LIBRARY SERVICE
- 4. INTRODUCING AN ONLINE BASED SYSTEM TO ASSESS STUDENT'S PROGRESS FOR SKE CAPSTONE PROJECT
- 5. HARNESSING COOPERATIVE LEARNING ENVIRONMENT IN DIGITAL ELECTRONIC COURSE
- 6. STUDENT'S REFLECTIVE JOURNAL AS A TOOL FOR TEACHING PLAN

Gold Winner



- 1. IMPLEMENTATION OF AN INTEGRATED WORK-BASED LEARNING COURSES IN INDUSTRY-INFUSED CURRICULUM
- 2. INDUSTRY-INFUSED CURRICULUM IN COMPUTING EDUCATION FOR FUTURE READY GRADUATES
- 3. TEACHING AND LEARNING IN FLUID MECHANICS: GAMIFICATION AS A SUPPORTIVE TOOL
- 4. ALIGNING AND MAPPING 21ST CENTURY LEARNING SKILLS WITH SOFTWARE ENGINEERING PROFESSIONAL SKILLS VIA COLLABORATIVE PROJECTS
- 5. ASSESSMENT FOR UTM CHEMICAL ENGINEERING INTEGRATED COURSE
- 6. IMPLEMENTATION OF HANDS ON LEARNING IN ELECTRONIC SYSTEM COURSE
- 7. STRUCTURED FRAMEWORK TO FACILITATE RESEARCH METHODOLOGY
 SKILLS IN FINAL YEAR PROJECT FOR BACHELOR OF ENGINEERING
 (ELECTRICAL-ELECTRONICS) PROGRAM

Bronze Winner



- 1. NON-CONVENTIONAL L&T STRATEGIES IN SOIL MECHANICS COURSE:

 STUDENTS PERCEPTION TOWARDS KNOWLEDGE, MOTIVATION AND SKILLS

 DEVELOPMENT
- 2. MAPATHON: PEMBELAJARAN BERASASKAN SERVIS KEPADA KOMUNITI
- 3. SCENARIO BASED-LEARNING IN HIGH VOLTAGE TECHNOLOGY FOR 3RD YEAR STUDENTS OF SKE
- 4. HIGHER EDUCATION 4.0: EVALUATION ON THE INNOVATION AND READINESS TO IMPLEMENT INDUSTRIAL REVOLUTION 4.0 FOR UNDERGRADUATE MECHANICAL ENGINEERING STUDENTS

NALI 2019

AWARD * * *

"Blended-cooperative Problem-based Learning For UTM Process Control Course" Project From SKT



ASSOC PROF. TS. DR. MOHD KAMARUDDIN ABD HAMID

PROF. DR. KHAIRIYAH MOHD YUSOFF

IR. DR. ZAKI YAMANI ZAKARIA

DR. AZIZUL AZRI BIN MUSTAFFA

DR. AZIATUL NIZA BINTI

SADIKIN



2019 Contributory Cascaded Number of Students for UTM Inbound Mobility

	Total	Academic Visit		Summer School		Research Internship		Stude	ent Exchange	Total Achievement	
	Targe t	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Acnie	vement
FE	494	178	84	133	284	50	135	133	212	715	145%

2019 Contributory Cascaded Number of Students for UTM Outbound Mobility

	Total	Program		Study Abroad		Research Internship		International Invitation Program		Summer School Abroad		Total Achievement	
	Targe t	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement		vement
FE	419	114	78	40	26	56	56	134	71	75	19	250	60%

^{*} No target given due to no enrollment

^{**} Other PTJs (e.g. UTM International, UTM SPACE, etc.)



Assistant Dean

EXTERNAL

GLOBAL ENGAGEMENT

Shuhaimi Mansor 0197799778 shuhaimi@utm.my

2019/20 **UTM Global Rankings**







Ranked #217





Natural Sciences

· Social Sciences & Management











Arts & Humanities

Engineering & Technology



Social Science (Arts & Humanities) | Flanked 201 - 250

Business & Economics | Ranked 126 - 150



UTM ranked 101-200 in the overall 2019 THE University Impact Rankings The Top THREE Sustainable Development Groups (SDGs)

4 Quality Education	172
91 Industry Innovation and Infrastructure	171
12 Responsible Consumption and Production	181

	CURRENT Original KPI POSITION 2020		Revised Target for 2020	Target for 2021	Target for 2022
UTM QS World Ranking	217	200	180 - 150	150 - 100	100 - 70

STUDENTS ASSESSMENT

ACTION

- 1. Course Assessment Report
 - 2. APAR/APAER
- 3. Mesyuarat Jawatankuasa Akademik School and Faculty
 - 4. CLO/PLO Achievement

CHECK

1.

2. OBE System

3. Evaluation Criteria4. Marking Scheme



PLAN

1. Established course information for each program (course, FYP, LI, Lab)

DO

- 1. Vetting process
- 2. Test, final exam, assignment project and lab work
- 3. FYP presentation
- 4. LI attachment

OVERALL GRADUATE EMPLOYABILITY

- © SKA | 93%
- SK B SK 92%
- © SKE | 96%
- © SKT | 92%
- © SK M | 93%
- © SC 95%

© FE 93.5%









Cairo Talk





Portfolio Winner





Student Carnival

Student's Activities SLIDE

A BO U T



Whether you are an established business or a startup, ensuring



Whether you are an established business or a startup, ensuring



Whether you are an established business or a startup, ensuring













J-Biotech Award





Huawei Seed Program @China

Student's Activities SLIDE

A BO U T



Whether you are an established business or a startup, ensuring



Whether you are an established business or a startup, ensuring



Whether you are an established business or a startup, ensuring



Civil **Engineering**





Civil **Engineering**



Civil Engineering

Mechanical **Engineering**



Civil **Engineering**

iSmartUrus Sdn Bhd

(1057063-A) UTM Spin-off Company

Civil **Engineering**



Civil **Engineering**



- SAJ **Civil Engineering**
- Mechanical Engineering



Civil **Engineering**



Civil **Engineering**



Civil **Engineering**



Civil Engineering

PLUS

Computin



Mechanical

Engineering

Electrical

Engineering

Electrical

Engineering

Computing

Electrical

Engineering

Computing

Civil Engineering

ROHDE&SCHWARZ

Cybersecurity

Electrical Engineering

Computing



ENGAGEMENT & SYNERGY WITH

INDUSTRY



Electrical Engineering





Electrical Engineering



Electrical Engineering



Electrical Engineering



- **Mechanical Engineering**
- **Electrical Engineering**



- Mechanical **Engineering**
- **Electrical Engineering**



Mechanical Engineering



dyson

Electrical Engineering

Mechanical

Engineering

Computing

Mechanical Engineering



Mechanical Engineering



Mechanical **Engineering**





























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REGIONAL DEVELOPMENT

AUTHORITY































































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