

ASPIRASI UTeM *Bersama* NAIB CANSOLOR

Prof. Dr. Raha Abdul Rahim

7 OGOS 2019

DEWAN CANSOLOR UTeM





السَّلَامُ عَلَيْكُمْ
وَرَحْمَةُ اللَّهِ وَبَرَكَاتُهُ

SALAM SEJAHTERA

PERKEMBANGAN TERKINI

ASPIRASI UTeM
bersama
NAIB CANSOLOR



PROGRAM
AKADEMIK

86

PROGRAM

13 PhD
37 Sarjana
29 Sarjana Muda
5 Diploma
2 Program baru
BTech. Mulai
September 2019

Engr.D 24
PhD 688
Sarjana 664
Sarjana Muda 8,383
Diploma 1,171

GRADUAN

10,930
PELAJAR

26,418

ENROLMEN
Data sehingga 31 Julai 2019

PELAJAR
ANTARABANGSA

677

403 PhD
113 Master
161 Bachelor

Sejak dari
tahun 2005



- 65.3% Bekerja
- 12.57% Sambung Belajar
- 3% Meningkatkan kemahiran
- 5.13% Mernunggu Penempatan
- 14% Belum bekerja

- 31 Profesor
- 95 Prof. Madya
- 396 Pensyarah Kanan
- 290 Pensyarah
- 15 Guru Bahasa
- 52 Jurutera Pengajar
- 212 Pentadbir (P&P)
- 972 Pentadbir (Pelaksana)

- Technologist : 182
- Ingenieur : 42
- Chartered Engr: 56
- Certified Tech : 42
- Geospatialist : 3
- L.Ar : 1

**KELAB
DAN
PERSATUAN
PELAJAR**



KELAB PERSATUAN SEKRETARIAT

BADAN BERUNIFORM

KEDIAMAN (JAKSIS)

KELAB SUKAN

KELAB FAKULTI

Research Grants

ACTIVE

GERAN LUAR
RM8.67j

FRGS RM5.43j

Industri **RM0.78j**

PPRN RM0.165j

PRGS RM0.443j

TRGS RM0.489j

Sc.Fund RM0.39j

Antarabangsa RM0.95j

GERAN
DALAMAN
RM2.172j

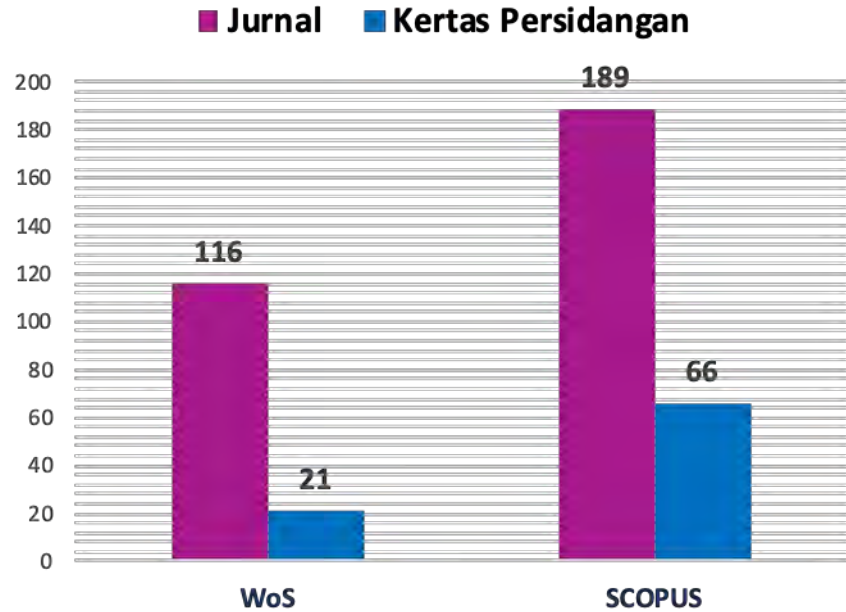
Data sehingga 20 Jun 2019

**JURNAL & KERTAS PERSIDANGAN
UTeM DI WoS & SCOPUS TANPA
DUPLIKASI (2018-JUL 2019)**



ASPIRASI UTeM
bersama
NAIB CANSELOR

**SITASI & H-INDEX MTUN DI WoS &
SCOPUS (2015-JUL 2019)**



Jan-Jul 2019	Jurnal		Kertas Persidangan		Jumlah Jurnal & Kertas Persidangan
	Bilangan	%	Bilangan	%	
WoS	116	38	21	24	137
SCOPUS	189	62	66	76	255
Jumlah	305	100	87	100	392

H-Index

WoS 19

Total Publications
2,273
Sum of Times Cited
2,988
Citing Articles
2,559
Ave. Citations per Item
1.31

Docs 3,908
Citations 7,026

SCOPUS 25

0.45 publications per lecturer



2015 - 2016

2017 - 2018

2019 - 2020



SAMSUNG

MR LEE SANG HOON
President,
Samsung Malaysia Electronics Sdn Bhd

HOST UNIVERSITY
2015 -2016




Infineon

MR LEE CHEONG CHEE
President & Managing Director,
Infineon Technologies Malaysia Sdn Bhd

HOST UNIVERSITY
2015 -2016




Western Digital.

DATUK SYED HUSSIAN
Senior Director - Business
Operations
Western Digital (M) Sd. Bhd.



CTRM

**SHAMSUDDIN
MOHAMED YUSOF**
Chief Executive Officer
CTRM



SAMSUNG

DATUK ROH JAE YEOL
Director of Corporate Affairs, Samsung

HOST UNIVERSITY
2015 -2016




ZTE中兴

MR. STEVEN GE
CEO, Managing Director,
ZTE Malaysia Corporation
Sdn Bhd



ST

TAN CHUN SHENG
Group Vice-President/
General Manager
ST Microelectronics



“ LEARN FROM
THE PROS ”

ASAS PENUBUHAN

- Negara memerlukan sistem pendidikan tinggi teknikal (IPTA-Model2) yang menjadi kesinambungan kepada pendidikan asas dalam bidang teknik dan vokasional
- Menyediakan **Engineering Technologists**
- Universiti Teknikal yang berfungsi sebagai “**Teaching Factory**” bagi menjayakan konsep pengajaran dan pembelajaran yang berasaskan “**problem centered, action and experiential learning**”
- Projek penyelidikan memberi sumbangan langsung kepada keperluan industri
- Berpandukan kepada sistem **Fachhochschule (FH) Jerman** yang membantu dalam pembangunan perindustrian.

NICHE AREA UTeM
**ADVANCED MANUFACTURING
AND COMPUTING TECHNOLOGY**

MAHASISWA UTeM

TANGKAS Fizikal & Mental

UNGGUL Peribadi

ADAPTIF Transformasi

HOLISTIK Citra Mahasiswa UTeM



LAPORAN PENCAPAIAN PRESTASI PELAN STRATEGIK : 2013 - 2018

	2014 (PSysTeM)	2015 (QPR)	2016 (QPR)	2017 (QPR)	2018
KESELURUHAN	74.45%	66.75%	69.14%	82.94%	81.11%
TEMA 1 AKADEMIK	107.40%	64.74%	94.09%	90.69%	82.41%
TEMA 2 R&D	64.25%	41.8%	57.35%	61.97%	69.42%
TEMA 3 GRADUAN	91.05%	83.39%	72.38%	85.48%	82.93%
TEMA 4 INDUSTRI	25.09%	60.25%	74.31%	94.27%	88.77%
TEMA 5 MODAL INSAN	75.46%	67.34%	61.87%	99.58%	78.52%
TEMA 6 KEWANGAN	83.47%	82.99%	54.85%	77.08%	84.59%

PERANCANGAN STRATEGIK & PENARAFAN

ASPIRASI UTeM
bersama
NAIB CANSOLOR

2018

Penyediaan Asas Pelan Strategik

- > Gap Analysis
- > Penjajaran kepada Penarafan & dokumen-dokumen Strategik sedia ada (PPMPT/MTUN/IR4.0)
- > Cadangan dua Tema baharu (Pej Pembangunan & PPPK) tambahan kepada enam Tema

Penarafan QS

- > Penyertaan pertama kali ke QS APPLE di Korea pada November 2018
- > QS Academic Reputation and Employer Reputation Agenda

2019

Penyediaan draf Perancangan Strategik 2021-2030

- > Penyediaan Hala Tuju setiap Tema
- > Melibatkan kajian lapangan dan maklum balas dari pemegang taruh seperti pelajar, staf dan industri
- > Penyediaan KPI setiap Tema

Penarafan QS / SETARA

- > Penyediaan kertas cadangan inisiatif baharu QS (QS Stars Rating)
- > Perancangan Penyertaan QS APPLE di Fukuoka, Jepun pada November 2019
- > Audit penarafan SETARA 2019 dalam September 2019

2020

Pelancaran Pelan Strategik UTeM 2021-2030

- > Maklum balas dari LPU dan Canselor (Bengkel bersama Canselor)
- > Pemurnian hala tuju dan Penyediaan dokumen PS 2021-2030
- > Pelancaran PS 2021-2030

Penarafan QS

- > Engagement bersama QS (*branding*)
- > Penyertaan QS APPLE 2020



PENCAPAIAN CEMERLANG SEMASA

ASPIRASI UTeM
bersama
NAIB CANSOLOR



Penyelidik UTeM ketuai kajian penyelidikan fenomena kilat di Antartika

Anugerah Antarabangsa SEAMEO – Bantu OKU

ASPIRASI UTeM
bersama
NAIB CANSOLOR



- Dr. Mohd Riduan Ahmad, Pensyarah Kanan FKEKK dianugerahkan dengan Skim Fellowship Sains Polar Asia 2019, tajaan Institut Penyelidikan Polar Korea (KOPRI) di bawah naungan kerajaan Korea Selatan.
- Beliau akan bekerjasama dengan Saintis Penyelidikan KOPRI bagi mendapatkan satu penemuan baharu berkaitan jenis-jenis kilat yang berlaku di Semenanjung Antartika (Kutub Selatan).

- Penyelidik Universiti Teknikal Malaysia Melaka (UTeM), Prof. Ts. Dr. Faaizah Shahbodin telah mengharumkan nama universiti ini di peringkat antarabangsa menerusi kejayaannya memenangi SEAMEO – Jasper Research Award.



- Penolong Naib Canselor (Jaringan Industri dan Masyarakat), Universiti Teknikal Malaysia Melaka (UTeM), Prof. Ts. Dr. Goh Ong Sing telah diiktiraf dan dianugerahkan Blockchain Global Leadership Award Under Education Category.

Malaysian Technical University Network

MTUN



- MTUN menawarkan Program Sarjana Muda Teknologi bagi membantu graduan lepasan DVM/DKM.
- 10 program baharu Sarjana Muda Teknologi telah dilancarkan di Universiti Malaysia Pahang pada 26 Jun 2019.
- UTeM bakal menawarkan Sarjana Muda Teknologi Kimpalan dan Sarjana Muda Teknologi Permesinan dengan kepujian, mulai sesi kemasukan bulan September yang akan datang.

Geran Penyelidikan Antarabangsa lebih RM2juta

Food Bank @ UTeM

ASPIRASI UTeM
bersama
NAIB CANSOLOR



- Xinyi Solar Sdn. Bhd. sebanyak RM1 juta
- ERASMUS+ CBHE on Automotive Engineering bersama FH JOANNEUM University of Applied Sciences, Graz, Austria sebanyak **RM 412,000**.
- *Projek Techno-Economic Framework For Resilient and Sustainable Electrification* bernilai **RM729,306** dengan kerjasama Universiti Manchester tajaan The Engineering And Physical Sciences Research Council (EPSRC), United Kingdom.
- Geran Padanan penyelidikan bersama universiti luar negara dari Thailand dan Indonesia dengan jumlah projek **RM120,000**.
- ASEAN NCAP Collaborative Holistic Research (ANCHOR) dari pihak New Car Assessment Program for Southeast Asian Countries (ASEAN NCAP) berjumlah **RM48,800**.
- Department of Industrial Design, Eindhoven University of Technology (TU/e) berjumlah **RM40,000**.

- Program anjuran Kementerian Perdagangan Dalam Negeri dan Hal Ehwal Pengguna.
- UTeM adalah Universiti Awam yang ke - 11 terlibat dalam program ini.
- Membantu mengurangkan bebanan pelajar daripada B40. Setakat ini seramai lebih daripada 70 pelajar UTeM layak menerima bantuan.

Pingat Gangsa @ Napoli

Emas & Perak @ Kejohanan Taekwando Antarabangsa

ASPIRASI UTeM
bersama
NAIB CANSOLOR



- Hamdanwahid Rinaldi, pelajar Diploma FKP mewakili Malaysia dalam Sukan Universiti Dunia (Universiade) di Napoli, Itali meraih gangsa dalam acara Taekwando.

- Pungutan keempat-empat pingat tersebut adalah menerusi emas acara Poomsae untuk kategori lelaki dan wanita berpasukan manakala pingat perak pula dimenangi menerusi acara Poomsae campuran dan individu

KEJAYAAN KUMPULAN KIK UTeM

KOMPETENSI
TERAS KEGEMILANGAN

ASPIRASI UTeM
bersama
NAIB CANSOLOR

- **Kumpulan Go Green** akan ke Jepun pada 21-27 September 2019 utk menyertai ICQCC anjuran MPC menerusi projek Nisbah Pencetak 3D Kepada Pelajar Tidak Menepati Keperluan Pembelajaran
- 4 Kumpulan yang akan mewakili UTeM di Konvensyen KIK Peringkat Universiti Awam Kali Ke-15 2019 pada 19-21 Ogos 2019 :

✓ **Kumpulan Digital FKEKK** - projek Tempoh Pengurusan Projek Akhir Pelajar Yang Lama

✓ **Kumpulan ACHIEVE FKM** - projek Sistem Tempahan Makmal Yang Kurang Efisien

✓ **Kumpulan TOP Pej. Bendahari** - projek Terimaan Bayaran Tidak Dapat Dikenalpasti Semakin Meningkat

✓ **Kumpulan FAME FKP** - projek Kesukaran Membuat Tempahan Mesin di Makmal Kejuruteraan Bahan FKP

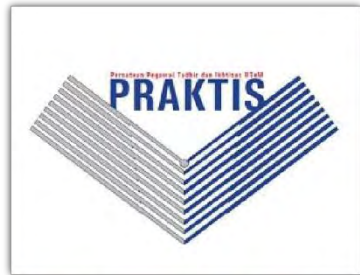




SUKARELAWAN MANGSA BANJIR KG. BELIMBING DALAM, DURIAN TUNGGAL

AKTIVITI PERSATUAN dan KESATUAN

ASPIRASI UTeM
bersama
NAIB CANSELOR



Love

A healthy relationship and should be celebrated whenever possible.

Happiness

Helps us feel like we belong and this has big impact on our happiness

Mutual Respect

Treating the other person the way you would like to be treated



OUR way
F >> FORWARD



ASPIRASI UTeM
bersama
NAIB CANSOLOR





FUTURE-PROOF ATTRIBUTES



CONCEPT

TUNAI
TECHNOLOGY
@UNIVERSITY
ADVANCING
INDUSTRIES

A University that produces highly skilled technologists and enhances inventions, thus impacting industries and society.

T.U.N.A.I

KOMPETENSI
TERAS KEGEMILANGAN

ASPIRASI UTeM
bersama
NAIB CANSOLOR

INDUSTRY IMPACTS

Practice-based and highly skilled technologists and relevant workforce

SOCIETY

Solution providers to the industries and community

ENVIRONMENT

Technology related solutions

UNIVERSITY

Vibrant Academia-Industry-Society ecosystem

GLOBALIZATION

Visibility - UTeM Melaka



UTeM MELAKA

Always A Pioneer
Always Ahead

FOCUS

- Advanced Manufacturing (Engineering)
- Computing Technology – AI and IoT
- Trans-disciplinary & inter-institutional research
- Technology-based program

DELIVERABLES

- Highly skilled talent and relevant workforce
- Accomplished technologists and professionals (technology scholars)
- Industry-driven academic programs
- Dynamic Publications and Industrial IPs



TECHNOLOGY SCHOLAR

Cambridge Dictionary

Scholar - A person with great knowledge, usually of a particular subject.

Technology – Utilization of knowledge and organization of that knowledge for the achievement of practical purposes



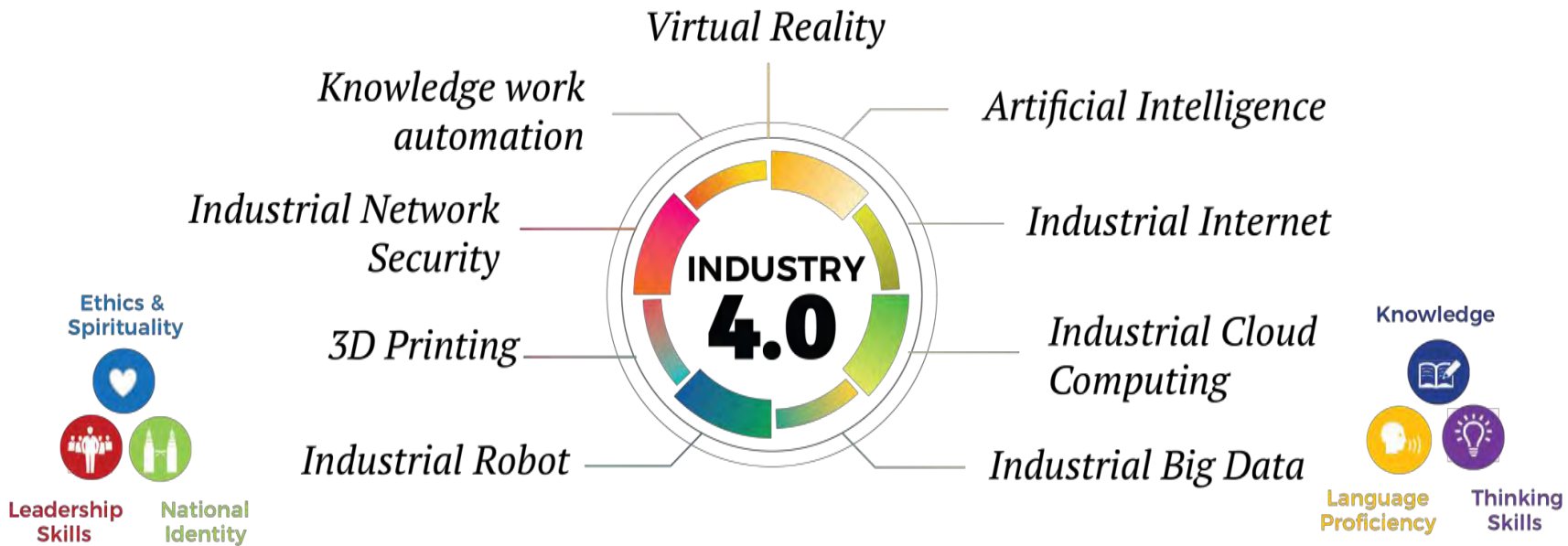
Leveraging technology to solve complex problems – of the industries and society.

Disseminating knowledge gained through teaching & learning, publications & IP, services and consultation.

APPROACH- KAEDAH

ASPIRASI UTeM
bersama
NAIB CANSOLOR





AKHLAK
(Ethics and Morality)

BALANCE

ILMU
(knowledge and Skills)

UTeM adalah

MELAKA adalah

UTeM

PROMOSI.VISIBILITI.GLOBALISASI

MASJID SAYYIDINA ABU BAKAR

CANSELORI

اونیورسیتی تکنیکل ملیسیا ملاک
UNIVERSITI TEKNIKAL MALAYSIA MELAKA

SLOGAN

ASPIRASI UTeM
bersama
NAIB CANSELOR

f t i y
MyUTeM

Let's

R.esponsible

I.ntegrity

S.ustainable

E.mpathy

Together

MANTRA



HUMILITY

“

Ultimately technology is **a tool. People come first.** Its purpose should be centered on **humanity and public interest.**

Where tolerance, respect, care and compassion come into play. Eventually it boils down to culture and values.

With 4IR ushering into a new cultural renaissance, we need **collective wisdom.**

”



Dear colleagues,

Universiti Teknikal Malaysia Melaka (UTeM) is one of the four technical universities in Malaysia, established in 2000 and the first of its kind. Situated strategically at the UNESCO heritage site of the Historical City of Melaka, UTeM operates from two main campuses and is about 130 km from Kuala Lumpur, the capital city of Malaysia.

UTeM has strengths within its eight faculties, concentrating on technical and technology-focused academic programs in engineering, engineering technology, ICT, as well as technology management and technopreneurship. The faculties are supported by six centers of research excellence that delve into technology related R&D. With the strategic plan 2012 - 2020 in place, and under the leadership of the previous Vice Chancellors, our university has nurtured technology expertise and produced highly skilled graduands who are well sought after by the industries.

However, to lead we need to do much more. 'Always a Pioneer, Always Ahead' is a powerful UTeM tagline. We must build on our capability with increased tenacity and resolve. The broad and rich foundation of the internet and the disruptive nature of artificial intelligence must be taken as opportunities for us. We will shape our strategies around technology-oriented services and redesign our programs to produce highly skilled talent, engineers and technologists who are industry ready. At the same time we must revisit our focus for research and innovation, converging more on effective ways to enhance inventions that will impact the industries and society.

In order to execute this opportunity, we must act quickly and decisively. We must identify programs that would be best suited for our purpose and remove those that are not. We must reflect upon why and for whom we are generating the students and how best to deliver the programs. We want our students to be compelling technologists and workforce. We want our lecturers to be scholars who are stimulating go-getters and inventors. We want our support staff to be well trained and robust. What platform should we use to entice the industries so that they will partner with us and commit to our cause? How do we heighten UTeM's position into a more vibrant academia-industry-society ecosystem?

The next wind of change is upon us. The needs of the world are changing. We must stand tall as a technical university where technologies, graduates and services coming out of this university will advance the industries. Societies and nations will benefit from our products and the solutions provided by our researchers. We have a responsibility. The time is now.

**Raha Abdul Rahim, PhD
Professor
Vice Chancellor
UTeM**

Cambridge, 18 June 2019





AKHIR
Kalam

**Berpantun Bersajak Pelbagai Bicara,
Perantau Datang Berlari – lari;
Konsep TUNAI Pembuka Bicara,
Teknologi@Universiti Melonjak Industri.**

CONCEPT: **TUNAI**
TECHNOLOGY @ **U**NIVERSITY **A**DVANCING **I**NDUSTRIES

**Berlari Perantau di atas Titi,
Sampai ke Seberang Ramai Menanti;
UTeM Menghasil Pakar Berbakti,
Memberi Impak Nilai Tertinggi.**

A University That Produces Highly Skilled Engineers
and Technologists And Enhances Inventions, Thus
Impacting Industries And Society

**Perantau Merenung Fikiran Azimat,
Bersopan Santun Membawa Hasrat;
Ilmuan Teknologi Harus Disemat,
Untuk Menyampaikan Fitrah Sejagat.**

Technology Scholars

**Merenuh Jauh Mencari Berkat,
Bijak Perantau Pastikan Selamat;
Sokongan Padu Memberi Rahmat,
Kekuatan dan Kesungguhan
Menggegar Keramat.**

Well Trained and Robust Support Staff

**Seruling Ditiup Membawa Erti,
Perantau Berkias Dengan
Kerendahan Hati;
Bertanggung jawab dan Berintegriti,
Kelestarian Ber-empati Menuju
Globalisasi.**

**R.I.S.E – WITH HUMILITY-
National and Global**



UTeM MELAKA
Always A Pioneer, Always Ahead

**Bijak si TUAH Melabuhkan Layar,
Perantau Melihat dengan Senyuman;
Selagi Hutang Belum Berbayar,
Pantang Berundur UTeM TUNAI kan.**

UTeM adalah **MELAKA** adalah **UTeM**

"You are not a drop in the
ocean. You are the entire
ocean in a drop."

- Rumi





SELAMAT
MENYAMBUT
HARI RAYA

Aidil Adha
1440H

ASPIRASI UTeM *Bersama* NAIB CANSOLOR

Prof. Dr. Raha Abdul Rahim

7 OGOS 2019

DEWAN CANSOLOR UTeM

