

# MAJLIS PERUTUSAN TAHUN BAHARU **2016**

**“Kelestarian Pendidikan Tinggi Ke Arah  
Penghasilan Berimpak”**

**"Higher Education Institutional Sustainability Towards Impactful Outcomes"**

*11 Januari 2016 / 1 Rab'ul Akhir 1437 H*

**Wahid Omar**  
*drwahid@utm.my*



Bertemu mesra, berkongsi rasa, mencambah minda #1 2016

inovatif • entrepreneurial • global



# Menjunjung Kasih

Duli Yang Maha Mulia Raja Zarith Sofiah  
binti Almarhum Sultan Idris Shah,  
Tuanku Permaisuri Johor

di atas keprihatinan & ihsan Tuanku  
terhadap kebajikan pelajar UTM.

Menjunjung Kasih Tuanku Permaisuri



# PATAH TUMBUH HILANG BERGANTI (DISEMBER 2015)



**PROF MADYA AZMI BIN KAMIS**  
FAKULTI KEJURUTERAAN KIMIA DAN  
KEJURUTERAAN TENAGA

**EN. ABD. LATIFF BIN MOHD SUYUT**  
FAKULTI KEJ. MEKANIKAL



**PROF. DR. SUPIAH BINTI HJ. SHAMSUDIN**  
UTM RAZAK SCHOOL

**PN. MASITAH BINTI SAIHONI**  
FAKULTI SAINS



**PROF. DR. SYED ZAINOL ABIDIN IDID**  
FAKULTI ALAM BINA

**DR. ZALEHA BINTI NASSIR**  
PEJABAT HAL EHWAL MAHASISWA  
& ALUMNI



**PROF. DR. HISHAMUDDIN BIN JAMALUDDIN**  
FAKULTI KEJ. MEKANIKAL

**PN. MERIAM BINTI ABDUL AZIZ**  
PEJ. BENDAHARI UTM KL



*Jasamu dikenang.....*

# PATAH TUMBUH HILANG BERGANTI (DISEMBER 2015)



**PROF. WAN MOHD NOR B.  
WAN DAUD**  
CASIS UTM KL

**EN. KHALID BIN MAZLAN**  
PEJ PENERBIT UTM



**EN. MOHD ISHAK BIN RIPIN**  
PEJABAT HARTA BINA UTM KL

**PROF. DR. NORSHEILA BINTI FISAL**  
PEJ. TIMB. NAIB CANSELOR (P&I)



**EN. ALIAS BIN MOHD YUSOF**  
FAKULTI KEJ. ELEKTRIK



**EN. BACHURI BIN SITAM**  
PEJABAT HARTA BINA

*Jasamu dikenang.....*

# PATAH TUMBUH HILANG BERGANTI (JANUARI 2016)

**EN. ABDUL AZIZ BIN  
HJ HUSSIAN**  
PEJABAT HARTA BINA



**EN. OMAR BIN ENDOT**  
CICT, UTM KL



**PN. SAUDAH BINTI SIWAN**  
PEJABAT PENDAFTAR, UTM KL



**PN. ZAKIAH BINTI  
KAMARUDDIN**  
CICT, UTM KL



**PN. AMINAH BINTI ABDULL  
SHUKOR**  
CANSELERI, UTM KL



**EN. MOHD ADIB BIN YAAKUB**  
PEJABAT HARTA BINA, UTM KL



**PN. HALIMAH BINTI BAKI**  
PEJ. HAL EHWAL MAHASISWA  
& ALUMNI



**PN. ISMAWATI BINTI ABDUL  
GHANI**  
FAKULTI KEJ. ELEKTRIK



*Jasamu dikenang.....*

# PATAH TUMBUH HILANG BERGANTI

## (JANUARI 2016)

**EN. ZAINAL ARIFFIN BIN HASSAN**  
PEJ. PENDAFTAR



**EN. ADENAN BIN AHMAD**  
PEJ. PENDAFTAR



**PROF. DR. MOHD MARSIN BIN SANAGI**  
PEJ. TIMB. NAIB CANSOLOR (P&I)



**EN. LEE SIAK KUAN**  
PEJ. TIMB. NAIB CANSOLOR (P&I)



**PN. WAN JAMALIAH BINTI NAYAN**  
PERPUSTAKAAN UTM



**PN. AINON BINTI SUJAK**  
UTM RAZAK SCHOOL, UTM KL



**DR. NOR AZIZI BINTI MOHAMED**  
UTM RAZAK SCHOOL, UTM KL



**EN. MOHAMED ZAHRY BIN OTHMAN**  
UTMSPACE, UTM KL



**EN. MOHD NOR BIN YAACOB**  
PEJ. PENDAFTAR



*Jasamu dikenang.....*

# SUKIPT 2016

25 JAN 2016 – 5 FEB 2016  
UNIVERSITI TEKNOLOGI MALAYSIA  
JOHOR BAHRU



**25** acara



**12,000** atlit, pegawai  
pertandingan & petugas



Penyertaan pelajar OKU



**MIT-UTM**  
Malaysia Sustainable Cities Programme  
**Fellowship Collaboration**

**3RD ANNUAL MALAYSIA PRACTICUM**  
09 - 20 JANUARY 2016

Kuala Lumpur | Johor Bahru | Putrajaya |  
Georgetown | Melaka | Kuching | Kuantan

**MSCP Scholars Presentation**  
Date: January 11, 2016  
Venue: UTMKL

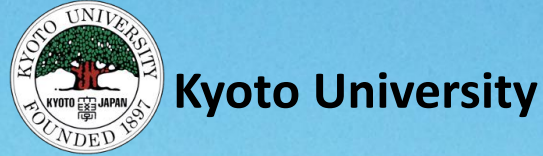
>VISIT <http://malaysiacities.mit.edu/>  
>CONTACT +607-5584286  
>EMAIL [ahmadfaizalsalleh@gmail.com](mailto:ahmadfaizalsalleh@gmail.com)

Massachusetts Institute of Technology + UNIVERSITI TEKNOLOGI MALAYSIA

# Official Visit by

# Minister of Higher Education to Japan

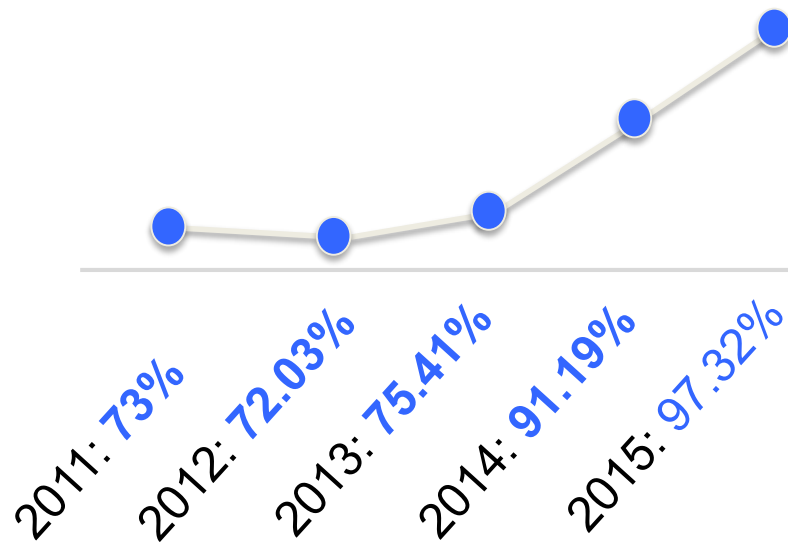
13-18 December 2015



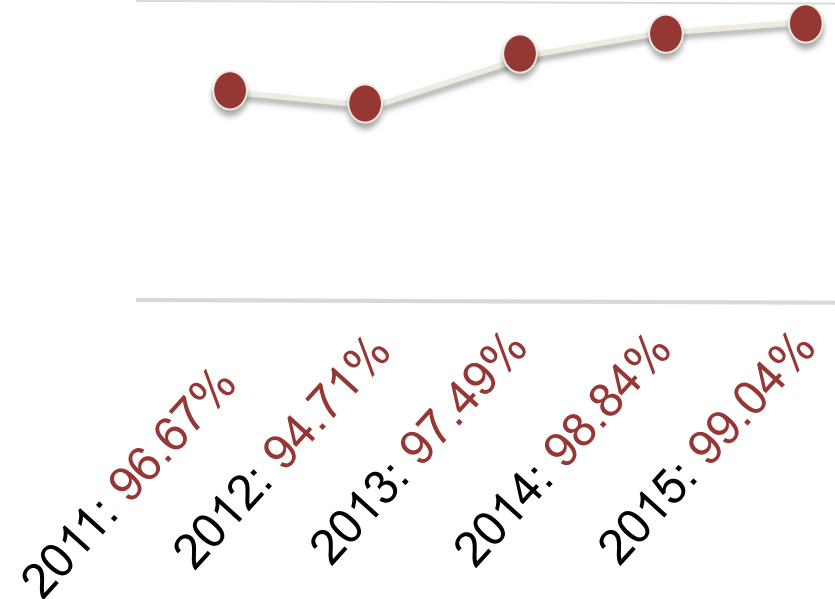


# Completion of eLPPT & eLNPT (by PTJs: 2011-2015)

## Completion of eLPPT



## Completion of eLNPT



***Congratulations!***

# Facts & Figures

(until December 2015)



**24,105**

Total Students  
(3,204  
Intl. Students)

**173,607**

Total Alumni  
(5,781 Intl. Alumni  
since 1972))

**81.6%**

Graduate  
Employability  
Rate

**1,687**

Academic Staff  
(80% PhD Holders)  
(164 Intl. Staff)

**RM  
1.12bil**

Total Expenditure

**RM  
56mil**

Research Grant  
(received in 2015)

**108**

Visiting  
Professors  
(67 Intl. Visiting Prof.  
from 19 countries)

**222**

No. of  
International  
Collaborators

**1,213**

Industry  
Linkages

**4,468**

Total  
Intellectual  
Property  
Rights (IPR)



*Achievements*  
**2015**

*Heartiest  
Congratulations*

**Assoc. Prof. Fatimah Puteh** for being conferred the **National Teaching Award (Arts & Social Sciences)** at the 9<sup>th</sup> National Academic Award 2015  
You make UTM proud!

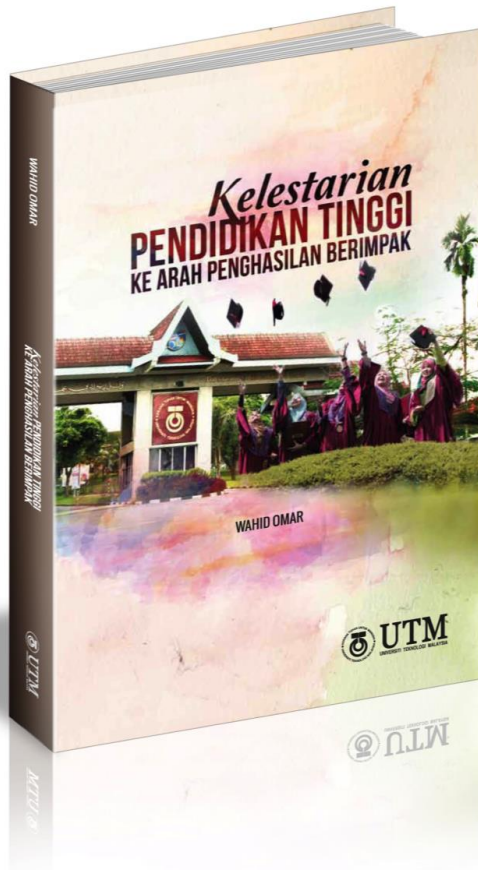


# Summary of KAI Achievement (January-December 2015\*)

Levels of Achievement	No. of KAI	Percentage (%)*
<b>≥ 100%</b>	14	42.4
<b>90% - 99%</b>	6	18.2
<b>60% - 89%</b>	5	15.2
<b>&lt; 60%</b>	8	24.2
No. of reported KAI	33	100.0

\*To be endorsed by UMG meeting at a later date

\* The remaining 4 KAIs will be reported in January 2016



## *Higher Education Institutional Sustainability Towards Impactful Outcomes*



# Outline:

01

***Introduction***

02

***Setting The Right Perspective***

03

***The Way Forward 2016***

04

***Execution***

05

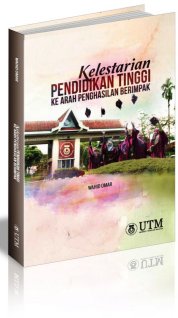
***2016***

01

# ***Introduction***

# Appreciation

Terima kasih kepada seluruh warga UTM atas komitmen dan kesungguhan yang telah ditunjukkan. Ramai dalam kalangan kita yang ketika melaksanakann tanggungjawab **menghadapi pelbagai bentuk kesukaran dan cabaran yang sangat getir, yang adakalanya memerlukan tahap kesabaran, keikhlasan, dan kesungguhan yang amat luar biasa. Tetapi demi tugas dan sayangnya kita kepada UTM dan dengan semangat kerja berpasukan, kita mampu lalunya dengan cekal dan tabah (ms.3-4).**



## BAB 1: MELETAKKAN PERSPEKTIF YANG BETUL

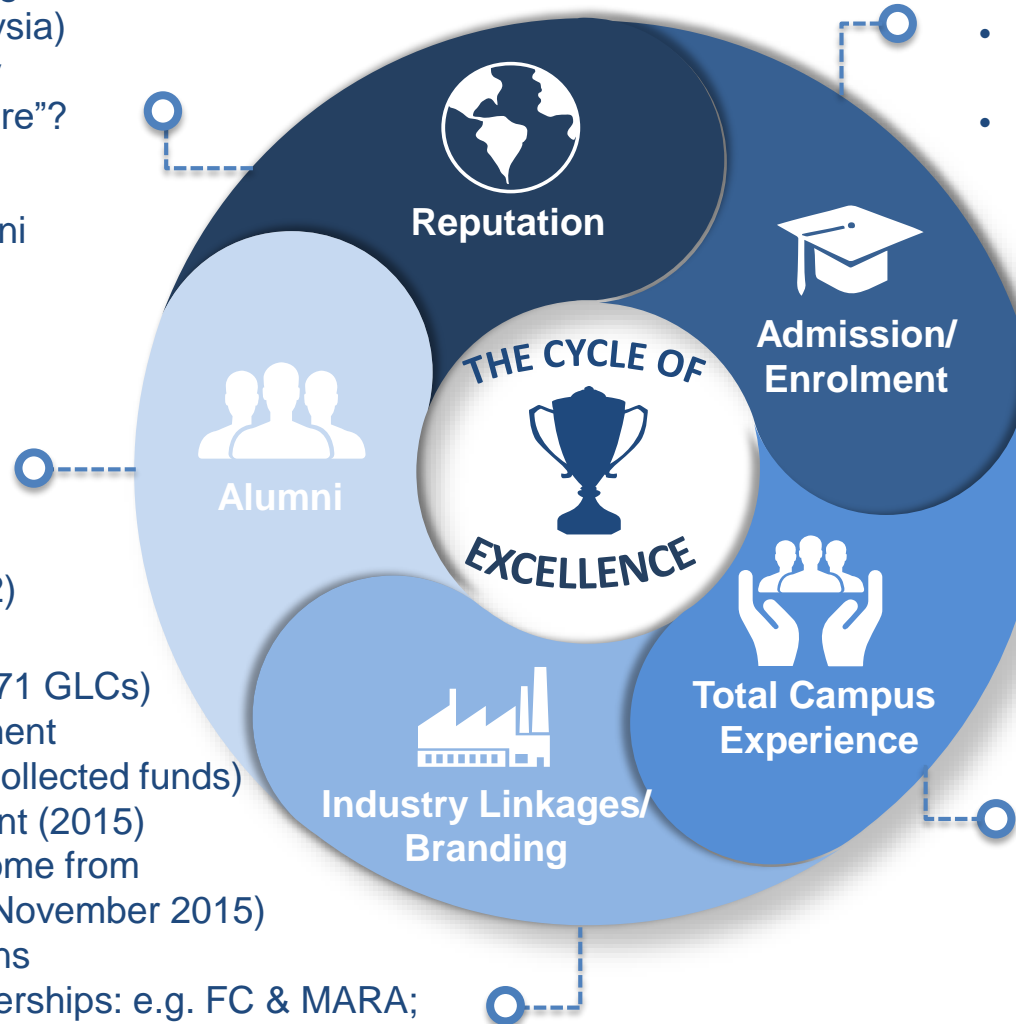


- Research University Status
- 6 Star Rating MYRA
- 3 HiCOEs
- QS World University Rankings 2015: #303 (WUR); #61 (AUR); #100 (E&T); #30 (Under 50)
- THE BRICS and Emerging Economies Ranking 2016: #56
- THE World Unis. Rankings 2015/16: 401-500 Band (Highest ranked in Malaysia)
- 81.6% UG employability
- “High performance culture”?

- 173,607 total alumni
- 2,223 PhD
- 20,892 Masters
- 3,573 Advanced Diploma
- 94,550 Bachelors
- 52,369 Diploma
- 5,781 International alumni (since 1972)

- 1,213 industry linkages (71 GLCs)
- 117 community engagement Programs (RM2.5mil of collected funds)
- RM56mil of research grant (2015)
- RM16mil cumulative income from commercialisation (until November 2015)
- 3,081 indexed publications
- Academia-industry partnerships: e.g. FC & MARA; FKE & Intel; FKA & JKR
- Stakeholders: Industries & communities

- Entry point: 3.72
- Success rate: 5%
- 10,236 UG students
- 12,630 PG students
- 5,227 PhD students
- 3,151 International students
- Stakeholders: Parents, students, industries

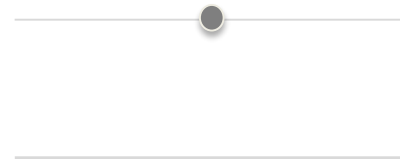
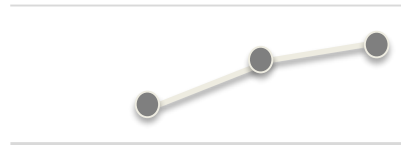


- Excellence Track Programmes (5ETP)
- Community engagement
- International mobility
- Innovative and entrepreneurial ecosystem



innovative • entrepreneurial • global

\* Data as of 6 December 2015



2012: #358  
2013: #355  
2014: #294  
2015: #303

2013: #256  
2014: #134  
2015: #100

2015: #30

2014: #66  
2015: #61

**CONGRATULATIONS**  
FOR BEING LISTED ON



**2015/2016**



**TOP 500**



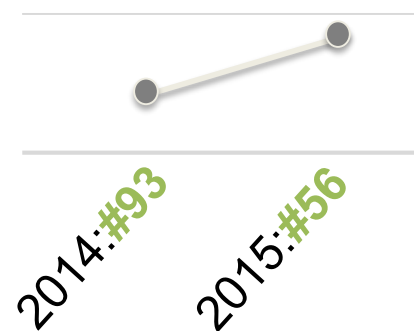
**TOP 800**



KEMENTERIAN PENDIDIKAN TINGGI

**#56**

**THE WORLD UNIVERSITY RANKINGS**  
2016 TOP 100  
BRICS & EMERGING ECONOMIES



# WEF Competitive Countries 2015-2016



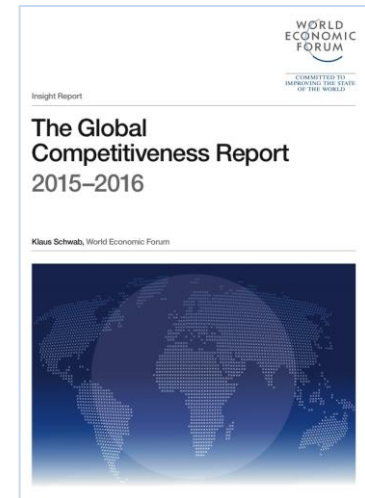
**Ranked 18<sup>th</sup>**  
(out of 140 participating countries)

Economy	Score <sup>1</sup>	Prev. <sup>2</sup>	Trend <sup>3</sup>
1 Switzerland	5.76	1	
2 Singapore	5.68	2	
3 United States	5.61	3	
4 Germany	5.53	5	
5 Netherlands	5.50	8	
6 Japan	5.47	6	
7 Hong Kong SAR	5.46	7	
8 Finland	5.45	4	
9 Sweden	5.43	10	
10 United Kingdom	5.43	9	
11 Norway	5.41	11	
12 Denmark	5.33	13	
13 Canada	5.31	15	
14 Qatar	5.30	16	
15 Taiwan, China	5.28	14	
16 New Zealand	5.25	17	
17 United Arab Emirates	5.24	12	
18 Malaysia	5.23	20	
19 Belgium	5.20	18	
20 Luxembourg	5.20	19	
21 Australia	5.15	22	
22 France	5.13	23	
23 Austria	5.12	21	
24 Ireland	5.11	25	
25 Saudi Arabia	5.07	24	
26 Korea, Rep.	4.99	26	
27 Israel	4.98	27	
28 China	4.89	28	
29 Iceland	4.83	30	
30 Estonia	4.74	29	
31 Czech Republic	4.69	37	
32 Thailand	4.64	31	
33 Spain	4.59	35	
34 Kuwait	4.59	40	
35 Chile	4.58	33	
36 Lithuania	4.55	41	
37 Indonesia	4.52	34	
38 Portugal	4.52	36	
39 Bahrain	4.52	44	
40 Azerbaijan	4.50	38	
41 Poland	4.49	43	
42 Kazakhstan	4.49	50	
43 Italy	4.46	49	
44 Latvia	4.45	42	
45 Russian Federation	4.44	53	
46 Mauritius	4.43	39	
47 Philippines	4.39	52	

Economy	Score <sup>1</sup>	Prev. <sup>2</sup>	Trend <sup>3</sup>
48 Malta	4.39	47	
49 South Africa	4.39	56	
50 Panama	4.38	48	
51 Turkey	4.37	45	
52 Costa Rica	4.33	51	
53 Romania	4.32	59	
54 Bulgaria	4.32	54	
55 India	4.31	71	
56 Vietnam	4.30	68	
57 Mexico	4.29	61	
58 Rwanda	4.29	62	
59 Slovenia	4.28	70	
60 Macedonia, FYR	4.28	63	
61 Colombia	4.28	66	
62 Oman	4.25	46	
63 Hungary	4.25	60	
64 Jordan	4.23	64	
65 Cyprus	4.23	58	
66 Georgia	4.22	69	
67 Slovak Republic	4.22	75	
68 Sri Lanka	4.21	73	
69 Peru	4.21	65	
70 Montenegro	4.20	67	
71 Botswana	4.19	74	
72 Morocco	4.17	72	
73 Uruguay	4.09	80	
74 Iran, Islamic Rep.	4.09	83	
75 Brazil	4.08	57	
76 Ecuador	4.07	n/a	
77 Croatia	4.07	77	
78 Guatemala	4.05	78	
79 Ukraine	4.03	76	
80 Tajikistan	4.03	91	
81 Greece	4.02	81	
82 Armenia	4.01	85	
83 Lao PDR	4.00	93	
84 Moldova	4.00	82	
85 Namibia	3.99	88	
86 Jamaica	3.97	86	
87 Algeria	3.97	79	
88 Honduras	3.95	100	
89 Trinidad and Tobago	3.94	89	
90 Cambodia	3.94	95	
91 Côte d'Ivoire	3.93	115	
92 Tunisia	3.93	87	
93 Albania	3.93	97	
94 Serbia	3.89	94	

Economy	Score <sup>1</sup>	Prev. <sup>2</sup>	Trend <sup>3</sup>
95 El Salvador	3.87	84	
96 Zambia	3.87	96	
97 Seychelles	3.86	92	
98 Dominican Republic	3.86	101	
99 Kenya	3.85	90	
100 Nepal	3.85	102	
101 Lebanon	3.84	113	
102 Kyrgyz Republic	3.83	108	
103 Gabon	3.83	106	
104 Mongolia	3.81	98	
105 Bhutan	3.80	103	
106 Argentina	3.79	104	
107 Bangladesh	3.76	109	
108 Nicaragua	3.75	99	
109 Ethiopia	3.75	118	
110 Senegal	3.73	112	
111 Bosnia & Herzegovina	3.71	n/a	
112 Cape Verde	3.70	114	
113 Lesotho	3.70	107	
114 Cameroon	3.69	116	
115 Uganda	3.66	122	
116 Egypt	3.66	119	
117 Bolivia	3.60	105	
118 Paraguay	3.60	120	
119 Ghana	3.58	111	
120 Tanzania	3.57	121	
121 Guyana	3.56	117	
122 Benin	3.55	n/a	
123 Gambia, The	3.48	125	
124 Nigeria	3.46	127	
125 Zimbabwe	3.45	124	
126 Pakistan	3.45	129	
127 Mali	3.44	128	
128 Swaziland	3.40	123	
129 Liberia	3.37	n/a	
130 Madagascar	3.32	130	
131 Myanmar	3.32	134	
132 Venezuela	3.30	131	
133 Mozambique	3.20	133	
134 Haiti	3.18	137	
135 Malawi	3.15	132	
136 Burundi	3.11	139	
137 Sierra Leone	3.06	138	
138 Mauritania	3.03	141	
139 Chad	2.96	143	
140 Guinea	2.84	144	

- Advanced Economies
- Middle East, North Africa, and Pakistan
- Emerging and Developing Asia
- Latin America and the Caribbean
- Commonwealth of Independent States
- Emerging and Developing Europe
- Sub-Saharan Africa



02

## ***Setting The Right Perspective***

1

Meletakkan Perspektif Yang Betul

2

Mengupaya Peranan Hakiki Universiti

3

Pencapaian 2015

4

Meneruskan Peranan Hakiki Universiti Sepanjang 2016


5

Bertemu Mesra, Berkongsi Rasa, Mencambah Minda



# Our Core Business<sup>©</sup>



 Brain Power of the Nation<sup>©</sup> & Innovation Powerhouse



Education



Research & Innovation



Services



Nation Building

**RM**

Wealth Creation



Universal Peace & Prosperity

# THE MOST VALUABLE ASSET OF A NATION



Birth-  
4 years



Kindergarten  
5-6 years



Primary  
School  
7-12 years



Secondary  
School  
13-17 years



STPM/  
Matriculation/  
Diploma  
18 -19 years



Undergraduates@UTM  
20-24 years



Early Career  
25 years &  
above

Educating,  
nurturing,  
experiential  
learning, inspiring  
and empowering

Balanced  
individuals  
for nation  
building and  
universal  
prosperity



# UTM POSTGRADUATE ATTRIBUTES



innovative • entrepreneurial • global



“Rakyat Malaysia  
berhak mendapat  
pendidikan terbaik”



YB Dato' Seri Idris Jusoh



“Tiga peranan hakiki universiti.....ialah mendidik dan membangunkan bakat di peringkat tinggi, meneroka dan memperkayakan khazanah ilmu melalui aktiviti kajian dan penyelidikan dan penghasilan penemuan baharu serta berkhidmat kepada masyarakat dengan menggunakan ilmu dan kepakaran bakat di universiti.” (ms.7)

## BAB 1: MELETAKKAN PERSPEKTIF YANG BETUL

## Philosophy

The divine law of Allah is the foundation for science and technology. UTM strives with total and unified effort to attain excellence in science and technology for universal peace and prosperity in accordance with His will

## Vision

To be recognised as a world class centre of academic and technological excellence

## Mission

To be a leader in the development of human capital and innovative technologies that will contribute to the nation's wealth creation



**LONJAKAN 1 PPPM PT:**  
Graduan Holistik, Berciri  
Keusahawanan & Seimbang



“Anak-anak kita perlu dididik supaya mereka berdaya saing tinggi, berupaya mengenal pasti dan mencipta pelbagai peluang perniagaan dan kerjaya bagi kesejahteraan individu dan masyarakat, dan mempunyai gambaran global berkenaan isu-isu dan cabaran yang menghadapi dunia. Mereka juga perlu dibimbing supaya beramanah, berbudi pekerti, bersemangat patriotisme, serta berupaya untuk membawa diri masing-masing dalam pelbagai situasi sosial, terutamanya dalam keadaan kepelbagaian budaya dan norma masyarakat di negara ini.” (ms.15)

## BAB 2: MENGUPAYA PERANAN HAKIKI UNIVERSITI

### 2.1 Mendidik Anak Bangsa



LONJAKAN 7 PPPM PT:  
Ekosistem Inovasi



“....(U)niversiti seharusnya berfungsi sebagai pemikir bangsa (**brain power of the nation**<sup>©</sup>) dan menjadi pusat inovasi tersohor (**innovation powerhouse**)....(T)ujuan utama inovasi adalah untuk menjana nilai tambahan demi meningkatkan taraf hidup individu dan masyarakat. Inovasi merupakan penggerak utama Malaysia untuk beralih kepada negara berpendapatan tinggi menjelang tahun 2020. Universiti perlu memastikan bahawa hasil penyelidikannya bukan sahaja memberi manfaat kepada bidang ilmu yang diterajui, malah berupaya memindahkan ilmu kepada komuniti di samping berkongsi kepakaran melalui usaha sama merentas disiplin.” (ms.17-18)

## BAB 2: MENGUPAYA PERANAN HAKIKI UNIVERSITI

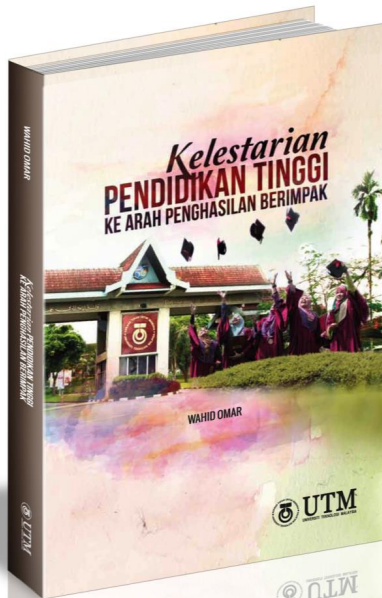
### 2.3 Meneroka dan Menambah Khazanah Ilmu



**LONJAKAN 6 PPPM PT:**  
Pemantauan Tadbir Urus



**LONJAKAN 10 PPPM PT:**  
Transformasi Penyampaian  
Pendidikan Tinggi



“Bagi mengupaya peranan hakiki universiti kita memerlukan struktur organisasi dan governan universiti mampan dan telus Sektor pendidikan tinggi Malaysia telah mula membuat transformasi terhadap sistem governan universiti melalui Lonjakan 6 Pelan Pembangunan Pendidikan Malaysia (Pendidikan Tinggi) 2015-2025, iaitu Pemantapan Tadbir Urus. Lembaga Pengarah Universiti (LPU) merupakan lambang akauntabiliti dalam tadbir urus dan pelaksanaan tugas hakiki kita sebagai warga universiti.” (ms.22)

## BAB 2: MENGUPAYA PERANAN HAKIKI UNIVERSITI

### 2.5 Governan Universiti


innovative • entrepreneurial • global



03

## ***The Way Forward 2016***





**CURRENT SCENARIO**

- Global
- Regional
- National
- Local/State



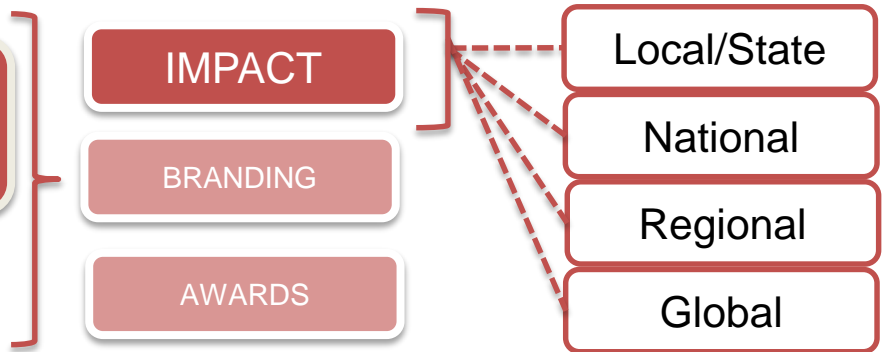

**STRATEGIES**



Malaysia Education Blueprint 2015-2025  
 Pelan Global UTM 2012-2020  
 ELEVENTH MALAYSIA PLAN 2016-2020  
 GOVERNMENT TRANSFORMATION PROGRAMME  
 ECONOMIC TRANSFORMATION PROGRAMME  
 MyRA II  
 Budget 2016




**INITIATIVE S KAls**



IMPACT  
 BRANDING  
 AWARDS

Local/State  
 National  
 Regional  
 Global



UTM Institutional DNA  
 Global UTM 2020

# CURRENT SCENARIO

## Global Challenges



Agriculture & food security



Economic growth & social inclusion



Employment, skills & human capital



Environment & resource security



Future of the global financial system



Future of the internet



Gender parity



Global crime & anti-corruption



Infrastructure, long-term investing & development



International trade & investment

## Regional Challenges



ASEAN 5-Year Work Plan on Education 2016-2020

## National Challenges



Budget 2016

MyRA II

## Local/State Challenges



Johor, IRDA Community Impact

# ELEVENTH MALAYSIA PLAN



2016-2020

ANCHORING GROWTH ON PEOPLE



GAME  
CHANGER

- GC1** Unlocking the potential of productivity
- GC2** Uplifting B40 households towards a middle-class society.
- GC3** Enabling industry-led Technical and Vocational Education and Training (TVET).
- GC4** Embarking on green growth
- GC5** Translating innovation to wealth
- GC6** Investing in competitive cities

# ELEVENTH MALAYSIA PLAN



2016-2020

ANCHORING GROWTH ON PEOPLE



# THE NEW ECONOMIC MODEL

Transforming Malaysia towards a high income economy, which is inclusive and sustainable in order to give quality of life to all Malaysians

- ❑ Improve ease of doing business
- ❑ Private sector led investment
- ❑ **Services as key economic sector**
- ❑ Consumption as the engine of growth
- ❑ Improving productivity levels

## HIGH INCOME

Targets **US\$15,000 – 20,000** per capita by 2020

In RMK 11, The NEM is people-focused and addresses people growth

Excerpt from presentation on RMK 11 by DS Wahid in NY

Enables all communities to benefit from the wealth of the country

Quality of Life

Meets present needs without compromising future generations

## INCLUSIVE

## SUSTAINABLE

- ❑ Focus on Bottom 40% households
- ❑ Ensure equitable opportunities
- ❑ Have sound institutional frameworks for better monitoring and implementation

- Reduce fiscal deficit
- Reduce dependence on natural resources (oil)
- Sustainable economic growth
- Environment

innovative • entrepreneurial • global

Pillars

12  
National Key  
Economic  
Areas  
(NKEAs)

6 Strategic  
Reform  
Initiatives  
(SRIs)

# Focus & Competitiveness



Oil, Gas  
& Energy



Palm Oil  
& Rubber



Finance  
Services



Tourism



Business  
Services



Electrical &  
Electronics



Wholesale  
& Retail



Education



Healthcare



Communication  
Content &  
Infrastructure



Agriculture



Greater Kuala  
Lumpur &  
Klang Valley



Competition,  
Standards &  
Liberalisation



Public  
Finance  
Reform



Public  
Service  
Delivery



Narrowing  
Disparity



Government's  
Role in  
Business



Human Capital  
Development



**1** MENGUTAMAKAN KESEJAHTERAAN RAKYAT

**2** MERANCAKKAN PERTUMBUHAN EKONOMI JOHOR

**3** MENANGANI PENINGKATAN KOS SARA HIDUP

**4** MERANCAKKAN KEUSAHAWANAN JOHOR BERASASKAN INOVASI & PENGETAHUAN

**5** MENGANGKAT AGENDA JOHOR LESTARI

**6** MENERUSKAN AGENDA PENDIDIKAN BERKUALITI & PEMBANGUNAN SWADAYA INSAN

**bajet**  
JOHOR 2016  
6 STRATEGI UTAMA

The infographic features a central map of Johor with the text 'bajet JOHOR 2016 6 STRATEGI UTAMA'. Six numbered icons are arranged around the map, each with a corresponding strategy. At the bottom, there is a silhouette of a city skyline with various icons representing different aspects of life and industry.

# Alignment of KAI 2016 & PPPM(PT)

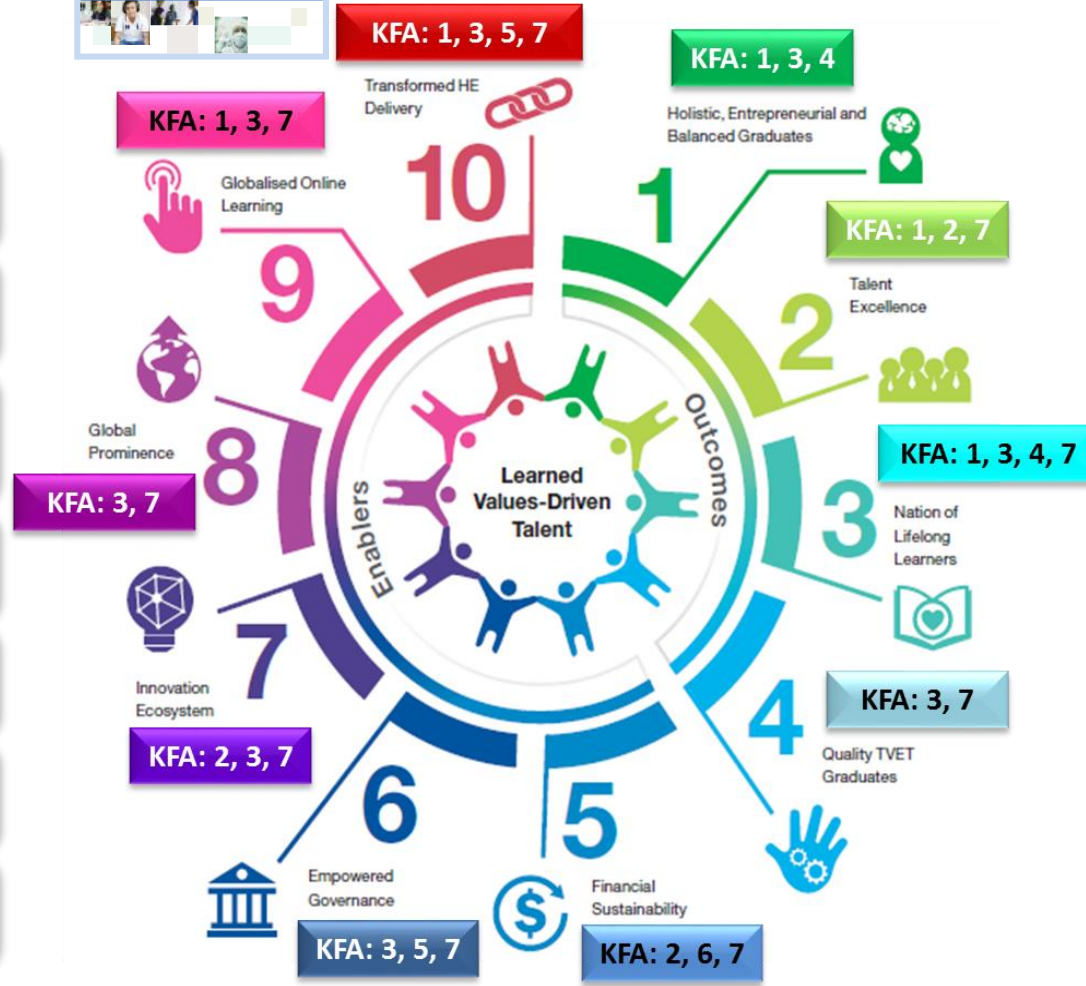


Top 50  
in QS World University Rankings  
(Engineering & Technology)



## 10 Shifts

- KFA1** Excellence in Learning & Teaching
- KFA2** Excellence in Research, Innovation and Commercialisation
- KFA3** Sustainable Campus, Infrastructure, Information and Communications Technology (ICT) System, and Community Engagement & Industrial Network
- KFA4** Total Campus Experience
- KFA5** High Performance Delivery
- KFA6** Financial Sustainability
- KFA7** Global Reputation





# Board of Directors' Main Concerns

1

## FINANCIAL

- Fees/Enrolment
- Endowment – Networking
- Land Bank - Land Matter
- International Students

4

## GRADUATE QUALITY

- Total Campus Experience
- Lifewide Learning Framework
- Industry Linkages
- Patriotism

2

## STRUCTURE

- Merging
- Lean
- HR Transformation -  
Multitasking

5

## TEAM WORKING

3

## SHOWCASE

- Solar House
- UIRL
- WCC
- Nirchias Eco

6

## GOVERNANCE

# Moving Forward



## STRIVING TO BE THE BEST

- Unique
- Bold & Brave

## CORE BUSINESS

- Education
- Research and Innovation
- Services

## IMPACT

- Nation Building
- Wealth Creation
- Universal Peace & Prosperity

## SUSTAINABLE

- Institutional
  - Governance
  - HPO
- Finance
- Reputation

## REPUTATION

- Ranking
- RU Status
- Relevant, Respected, Referred
- Facilities – Hostels, L&T, Research
- Marketing
- Branding

## INSTITUTIONAL

- HR
- Synergy
- Governance
- Succession Plan

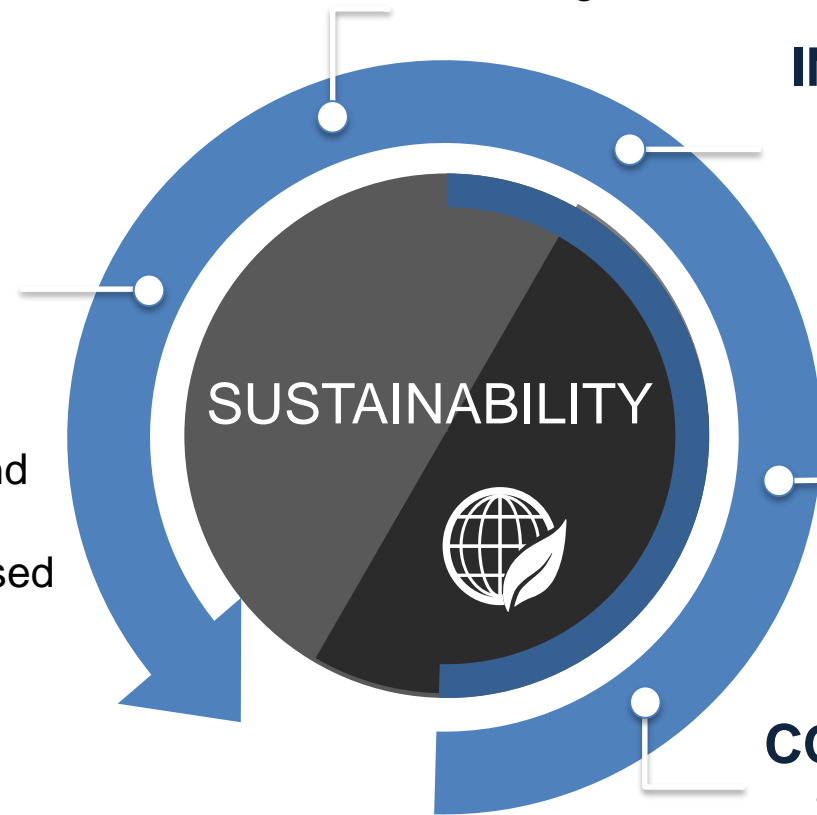
## ENROLMENT

- Cost vs Income
- Facilities
- Capacity

## CORE BUSINESS

- Education
- Research & Innovation
- Services

**SUSTAINABILITY**



innovative • entrepreneurial • global

## FINANCE

- “Business-like Operation”
  - Pusat Kesihatan
  - Fleet
  - Hostels
- Financial autonomy to faculties/schools
- BDU
- Assets & Properties
- Facilities; Rental
- Land Bank
- UTM Private Wings, SPACE, New Business Entities.
- UTM International Brand
- Budget strategies:
  - Performance based
  - Investment

## UTM'S GAME CHANGER<sup>©</sup>

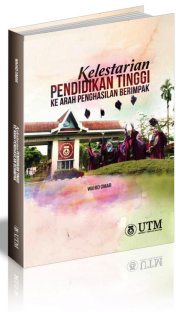
Financially  
Sustainable

Top 100 in  
QS World  
University  
Rankings

Skudai  
Innovation  
Valley

Lifestyle@  
UTMKL

MJIIT



# BAB 3: PEMACU PERUBAHAN UNIVERSITI

## 3.1 Menetapkan Pemacu Perubahan (Game Changer) UTM



### KELESTARIAN KEWANGAN UTM (UTM FINANCIAL SUSTAINABILITY)

Income generation initiatives:

- Academic Programmes
- Medical, Hostel & other Student Facilities
- Business Entities
- Endowment
- Consultation, Commercialization & R&D Grants
- Asset & Land Banks
- Human Capital Development
- Business Development Unit (BDU)

### KESOHORAN GLOBAL UTM MENJELANG 2020 (UTM GLOBAL REPUTATION BY 2020)

- Inisiatif 1: Menetapkan Pandangan Global (*Global Outlook*) Warga Universiti
- Inisiatif 2: Meningkatkan Penjenamaan Antarabangsa Melalui Penganjuran Aktiviti Ilmiah & Pensijilan
- Inisiatif 3: Mengukuhkan Keterlibatan UTM Dengan Pemegang Taruh Strategik
- Inisiatif 4: Membina Jenama UTM Melalui Kecemerlangan Fakulti & Sekolah
- Inisiatif 5: Membina Jenama UTM Melalui Penganjuran Aktiviti Antarabangsa

### LIFESTYLE@UTM

KL

- Inisiatif 1: Pemurnian & Pemerksaan Jenama *Lifestyle@UTM* KL
- Inisiatif 2: Proses Autonomi, Pemudahcara & Pembangunan Sumber Manusia

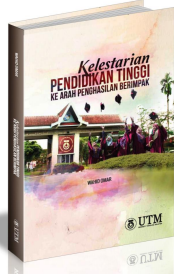


### MALAYSIA-JAPAN INTERNATIONAL INSTITUTE OF TECHNOLOGY (MJIT)

- Inisiatif 1: Disaster Prevention & Preparedness Centre (DPPC)
- Inisiatif 2: Projek Tenaga Hijau
- Inisiatif 3: Projek Pengurusan Sisa Pepejal

### SKUDAI INNOVATION VALLEY

- Inisiatif 1: Institusi Inovasi Strategik Johor-UTM (IISJ-UTM)
- Inisiatif 2: *Showcase* Teknologi & Inovasi UTM



# BAB 5: MENERUSKAN PERANAN HAKIKI UNIVERSITI SEPANJANG 2016

## Pembangunan Staf Akademik:

- Inisiatif 1: Lalan Kerjaya Akademik
  - Inisiatif 2: Pelan Penggantian Staf Akademik
  - Inisiatif 3: Peluang Pembangunan Professional Berterusan Staf Akademik
  - Inisiatif 4: Program UTMShines
- Pembangunan Staf PPP
- UTMNewLens

## PEMBANGUNAN STAF

## PENYAMPAIAN BERPRESTASI TINGGI

Sinergi Antara PTJ  
Pembangunan Pusat Data UTM



## PEMBANGUNAN INFRASTRUKTUR UNIVERSITI

## KECEMERLANGAN PEMBELAJARAN & PENGAJARAN

- Inisiatif 1: Keterangkuman Pengajaran-Penyelidikan
- Inisiatif 2: Akademia Baharu Inovasi Pembelajaran
- Inisiatif 3: Penyertaan Industri Dalam Proses P&P
- Inisiatif 4: Peluang Pembelajaran Sepanjang Hayat

## PEMBANGUNAN MAHASISWA

## KECEMERLANGAN PENYELIDIKAN

- Inisiatif 1: Memperkasa Usaha Meningkatkan Kemahiran Mahasiswa UTM
- Inisiatif 2: Rombakan Semula Program Pembangunan Mahasiswa di Peringkat MPM & Kolej Kediaman
- Inisiatif 3: Merencanakan Agenda Inovasi Mahasiswa UTM
- Inisiatif 4: Merencanakan Agenda Keusahawanan Mahasiswa UTM
- Inisiatif 5: Meningkatkan Daya Saing Mahasiswa Generasi Pertama ke Universiti

- Inisiatif 1: Penerbitan Berimpak Tinggi
- Inisiatif 2: Inovasi & Pengkomersialan
- Inisiatif 3: Penjenamaan & Hubungan Industri & Institusi Luar
- Inisiatif 4: Geran Pembiayaan Penyelidikan
- Inisiatif 5: Kewangan Lestari

- Inisiatif 1: Mempelbagaikan Sumber Kewangan Univesiti
- Inisiatif 2: Mempertingkatkan Inisiatif Kedermawan Universiti
- Inisiatif 3: Pembentukan *Master Plan UTM KL & Pelan Transformasi Governan UTM KL*
- Inisiatif 4: Pembentukan *Master Plan UTM JB*
- Inisiatif 5: Pembentukan *Jaringan Community Engagement Network for Innovation (CENI)*

Objektif Strategik	Key Amal Indicator (KAI)		Sasaran 2016
<b>PERSPEKTIF PIHAK BERKEPENTINGAN</b>			
S1: Meningkatkan Kebolehpasaran Graduan melalui Pemerksaan Tradisi Keintelektualan dan Minda Keusahawanan	S1.1	Peratusan (%) graduan yang mendapat pekerjaan semasa konvokesyen	83
S2: Membudaya Pembelajaran Sepanjang Hayat	S2.1	Bilangan peserta yang mengikuti program pembelajaran sepanjang hayat	20,000
S3: Menyediakan Produk dan Perkhidmatan yang Memenuhi Kehendak Pasaran	S3.1	Jumlah pendapatan dari aktiviti pengkomersialan/perlesenan teknologi dan pengetahuan (RM juta)	7
S4: Memperkasakan Ekosistem Keusahawanan	S4.1	Peratusan (%) mahasiswa yang terlibat dengan projek keusahawanan	17
	S4.2	Bilangan projek keusahawanan yang dilaksanakan	350
	S4.3	Bilangan syarikat yang didaftarkan melalui projek keusahawanan/inovasi pelajar	150
S5: Merealisasikan UTM sebagai Kampus Lestari	S5.1	UI GreenMetric World University Ranking	90
	S5.2	Sistem penilaian kampus rendah karbon mengikut penilaian MyCarbon (%)	10
S6: Meningkatkan Reputasi UTM di Persada Antarabangsa	S6.1	Kedudukan UTM berdasarkan QS World University Rankings dalam bidang Kejuruteraan & Teknologi	80
S7: Sumbangan Berimpak Tinggi kepada Masyarakat	S7.1	Bilangan projek komuniti berimpak tinggi	40

Objektif Strategik	Key Amal Indicator (KAI)		Sasaran 2016
<b>PERSPEKTIF PROSES DALAMAN</b>			
P1: Mereka Bentuk dan Melaksana Kurikulum berdasarkan Inovasi Pembelajaran Akademia Baharu	P1.1	Peratusan (%) kursus yang mengamalkan mod Pembelajaran Teradun (Blended Learning)	15
P2: Meneraju Graduate-Focused University	P2.1	Peratusan (%) mahasiswa pascasiswazah daripada jumlah mahasiswa Universiti	56
	P2.2	Peratusan (%) mahasiswa PhD bergraduat dalam tempoh masa yang ditetapkan (GOT)	30
P3: Menghasilkan Kepimpinan dan Sumbangan yang Cemerlang dalam Penyelidikan, Inovasi dan Pengkomersialan	P3.1	Peratusan (%) staf akademik yang terlibat sebagai penyelidik utama geran penyelidikan	80
	P3.2	Jumlah geran penyelidikan yang diterima dalam tahun semasa (RM juta)	170
	P3.3	Bilangan penerbitan yang diindeks di SCOPUS/Web of Science (WOS)/Excellence in Research for Australia (ERA)	6,500
	P3.4	Bilangan Pusat Kecemerlangan Pengajian Tinggi (HICoE) dan setara	4
P4: Meningkatkan Impak Jaringan yang Kukuh di Peringkat Kebangsaan dan Antarabangsa	P4.1	Bilangan projek baharu berasaskan industri	50
	P4.2	Jumlah geran/dana yang diterima untuk Projek Libat Sama Komuniti (RM juta)	3
P5: Memperkasakan Program Pembangunan Mahasiswa	P5.1 (i)	Peratusan (%) mahasiswa prasiswazah yang terlibat dengan program pembangunan	80
	P5.1 (ii)	Peratusan (%) mahasiswa pascasiswazah yang terlibat dengan program pembangunan	20
	P5.2	Bilangan program pembangunan mahasiswa yang dilaksanakan	500
P6: Membudayakan Penyampaian Berprestasi Tinggi	P6.1	Indeks Kepuasan Pelanggan (%)	85
	P6.2	Bilangan proses kerja utama yang dipiawaikan dan diiktiraf	12
	P6.3	Nisbah staf akademik : staf Pengurusan & Profesional serta Pelaksana (PPP)	Nisbah 1 kepada 1.6



Objektif Strategik	Key Amal Indicator (KAI)		Sasaran 2016
<b>PERSPEKTIF PEMBELAJARAN DAN PENINGKATAN</b>			
L1: Memastikan Staf Berkepercayaan dengan Nilai Holistik	L1.1	Peratusan (%) staf akademik dengan kelayakan PhD	80
L2: Memperkasakan Aset Pengetahuan dan Teknologi	L2.1	Bilangan kumulatif makmal yang diiktiraf (cumulative accredited lab)	5
	L2.2	Peratusan (%) pertambahan kandungan digital perpustakaan	20
	L2.3	Peratusan (%) pencapaian piawaian ICT	96
L3: Menyediakan Persekitaran yang Kondusif	L3.1	Peratusan (%) indeks kepuasan terhadap persekitaran kerja	80

Objektif Strategik	Key Amal Indicator (KAI)		Sasaran 2016
<b>PERSPEKTIF KEWANGAN</b>			
F1: Mengamalkan Pengurusan Kewangan Berhemah	F1.1	Peratusan (%) sumber pendapatan dalaman berbanding jumlah perbelanjaan mengurus	25
F2: Meningkatkan Kepelbagaian Sumber Penajaan Pendapatan	F2.1	Pendapatan dalaman yang dijana daripada program/aktiviti berasaskan perkhidmatan akademik (RM juta)	150
	F2.2	Endowmen (kumulatif) (RM juta)	90
	F2.3	Sumbangan entiti perniagaan (RM juta)	4
F3: Melaksanakan Usaha untuk Unlocking of Assets	F3.1	Pendapatan yang dijana daripada aktiviti unlocking of assets (RM juta)	40

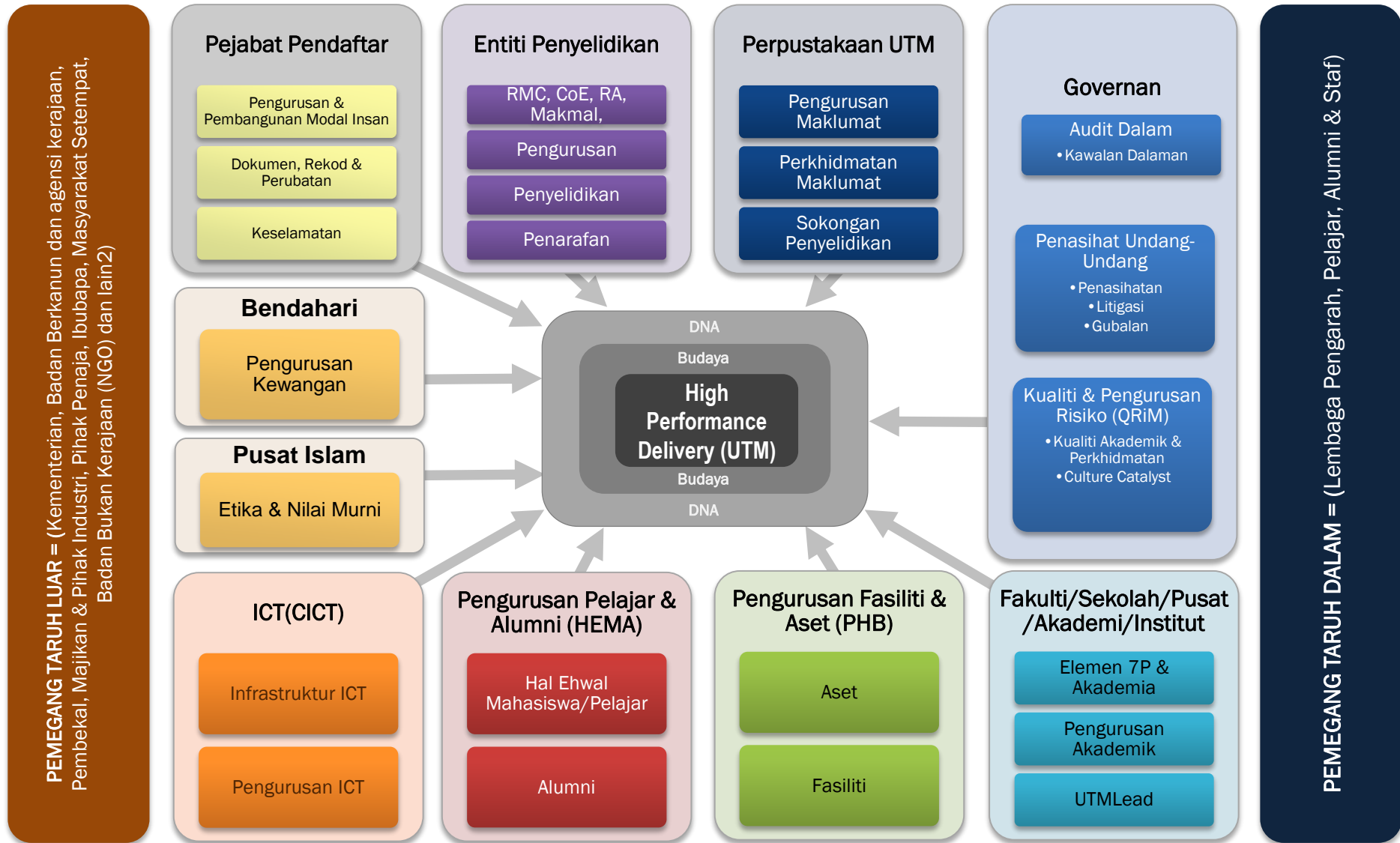
# Headline KPIs set by MoHE

Headline KPIs	Description
Headline KPI 1	% graduates with employed status as of convocation split by: (1) employed; (2) entrepreneurs; (3) awaiting placement; (4) furthering studies/under-going training; (5) demographics (race, gender, socio-economic background).
Headline KPI 2:	
Headline KPI 2a	Number of international students enrolled
Headline KPI 2b	Number of international postgraduate students
Headline KPI 3	
Headline KPI 3a	Total number of publications per academic staff
Headline KPI 3b	Total number of citations per academic staff
Headline KPI 4	In 2016: Self-generated income as % of total allocated budget. From 2017 onwards: Self-generated income as % of total operating expenditure split by: (1) tuition fees; (2) service-related income; (3) asset-related income and rental yield; (4) consultancy & contracts; (5) publishing income; (6) commercialisation income & royalties; (7) others.
Headline KPI 5	
Headline KPI 5a	First-year students attrition rate by UG, Master's & PG students
Headline KPI 5b	Intake Graduate-on-time (iGoT) by UG, Master's & PG students
Headline KPI 6	% of student enrolment in TVET programmes
Headline KPI 7	
Headline KPI 7a	Number of placements within QS top 50 global ranking by subjects
Headline KPI 7b	Number of placements within QS top 200 global ranking by subjects

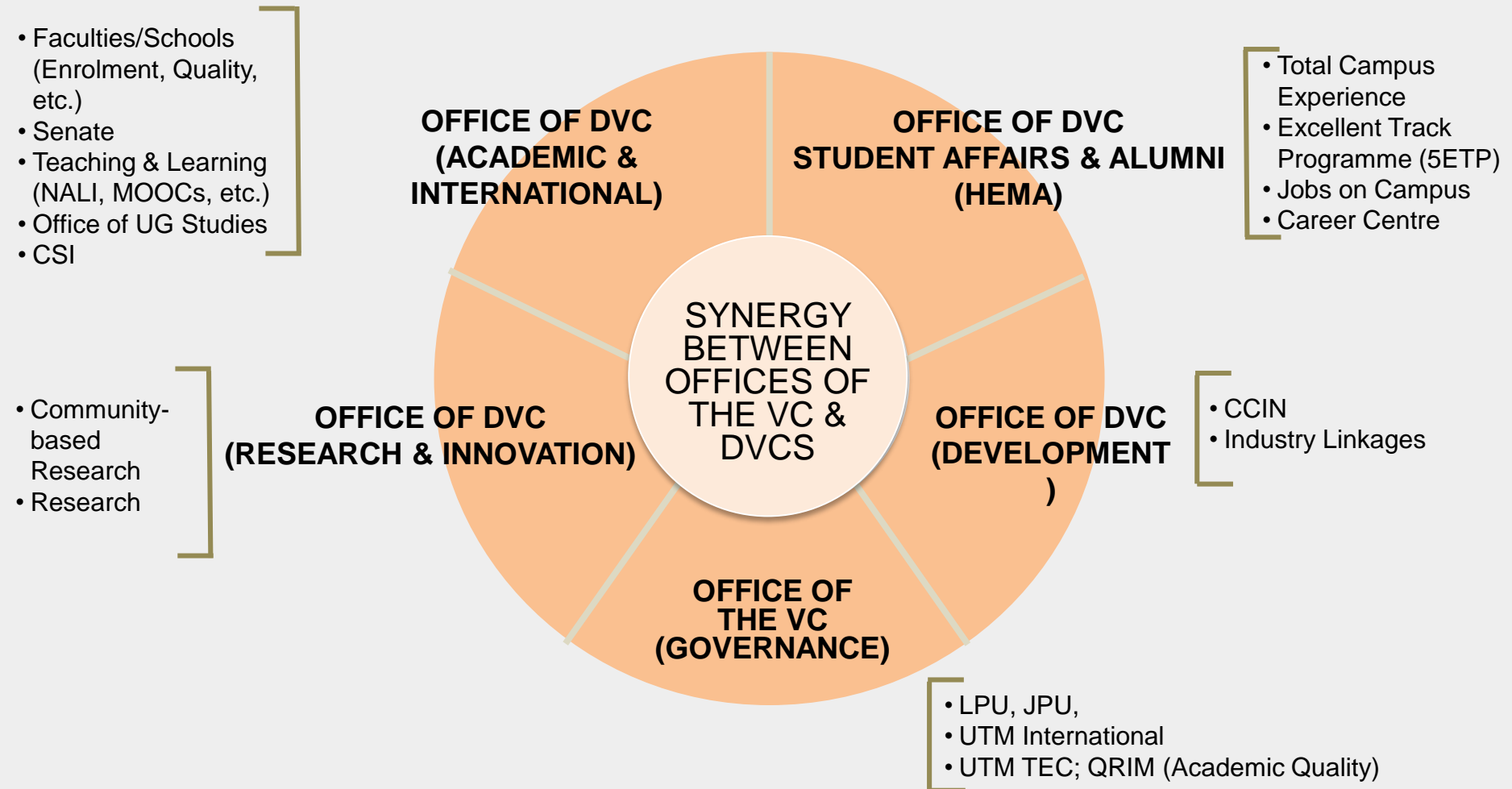
04

***Execution***

# Service Delivery (PTJ)



# SYNERGY TO ENHANCE SUSTAINABLE ECOSYSTEM





# Budget 2016



**PERUNTUKAN MENGURUS**  
(Peruntukan diluluskan KPT RM535 juta)

**RM577 JUTA**



**PERUNTUKAN RMK-11**

**RM165 JUTA**



**PERUNTUKAN AMANAH**  
(Anggaran)

**RM100 JUTA**



**PERUNTUKAN PENYELIDIKAN**  
(Anggaran)

**RM100 JUTA**

**JUMLAH KESELURUHAN**

**RM942 JUTA**



## Sustainable

Financially, Happiness, Satisfaction, Motivation

**Impact**

**Outcomes**

Measurable,  
Numbers

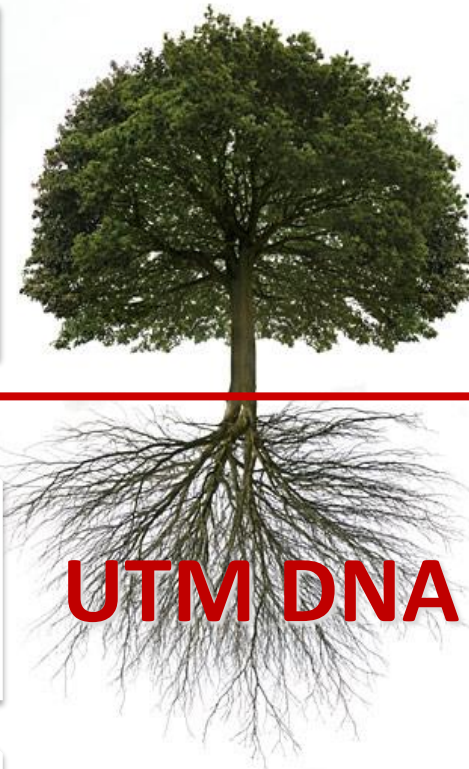
**Productivity  
Efficiency**

**Processes**

Synergy, Simplified

**Resources**

Lean,  
Optimum



UTM with a  
**Soul**

# Performance Management Beyond KAI





## UTMShines

2015	
<b>20</b>	young researchers appointed
<b>RM1mil</b>	allocations
<b>1265</b>	cumulative Impact Factor obtained
<b>3771</b>	cumulative citations obtained
<b>&gt;10</b>	national & international awards won
<b>&gt;50</b>	PIs for public & private funded research

2016 Targets	
•	Increase in High Impact (Q1/Q2) publications & citations.
•	Increase in Human Capital Development via various programmes.
•	Establishing more National/International Partnership.

## UTMLead

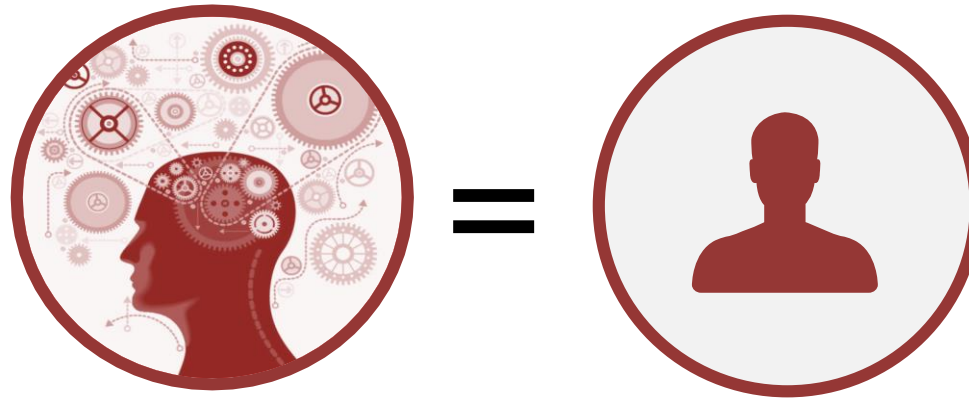
2015	
<b>17</b>	leadership (governance/managerial) courses conducted
<b>RM54k</b>	total cost of conducted courses
<b>4</b>	AKEPT leadership (governance/managerial) courses

2016 Targets	
<b>25</b>	proposed leadership (governance/managerial) courses
<b>RM85k</b>	proposed budget

## NewLens

2015	
<b>7</b>	attachment programmes
<b>7</b>	PPP staff involved
<b>RM63k</b>	total cost

2016 Targets	
<b>14</b>	proposed programmes
<b>14</b>	participating PPP staff
<b>RM269k</b>	proposed budget



KNOWLEDGE

POWER



KNOWLEDGE

WEALTH

POWERFUL

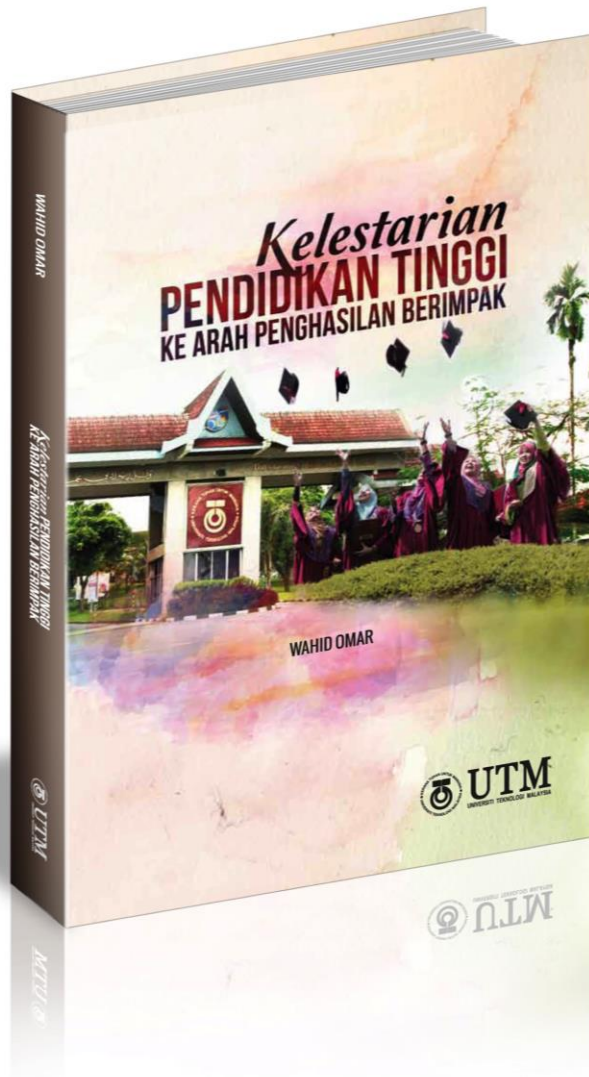
**SAMSUNG**



What do they have in common?

- SIMPLICITY
- CLARITY
- HIGHLY FOCUSED
- INNOVATIVE
- HIGH EFFICIENCY
- CUSTOMER FOCUSED
- NURTURING PEOPLE

**GREAT COMPANIES = GREAT IMPACT**



**Amanah**  
*Trustworthiness*



**Hikmah**  
*Wisdom*



**Ihsan**  
*Perfection/Excellence*

# The problem?

According to the study by Gallup (HBR, May 2014, pp.63)

- Only **30%** of employees actively apply their talent and energy to move their organizations forward.
- **50%** are just putting their time in, while the remaining **20%** act out of their discontent in counter-productive ways.
- Gallup estimates that the 20% group alone costs the U.S. economy around **half a trillion dollars** each year.
- A main cause of employee disengagement is **poor leadership**

05

**2016**





**2016**

PUNCTUAL

CONDUCTIVE & INSPIRATIONAL UTM

WELL-KEPT UTM

FRIENDLY SERVICES &  
DELIVERY

JPU-MODEL OF MEETING

PRODUCTIVITY & EFFICIENCY CHARTS FOR EACH  
PTJ

BRANDING

FOCUSED

UMG

REFORMED

SNATF

JOBS ON CAMPUS

TEA-TIME WITH THE VC





# Because We Care

## CHANCELLOR'S FUND



# Facing the Reality



**TO CHANGE!**

**“WE”**

# WHAT'S STOPPING US?



Tough journey ahead

Defining moments

Priorities

Tough decisions

Opportunities



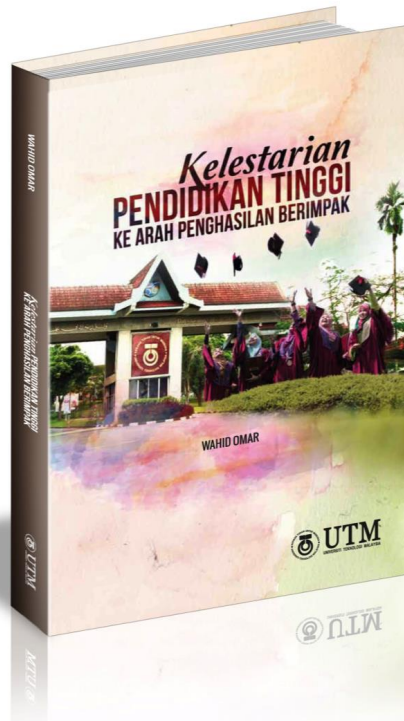
STORMS  
DON'T  
LAST  
FOREVER

Turn your  
WORRY<sup>LIST</sup>  
into your  
PRAYER  
— LIST —



“Kita semestinya berusaha untuk membentuk budaya mesra, hormat menghormati, sering berinteraksi dengan selesa, berkongsi dan menghayati misi dan visi UTM.” (ms.117)

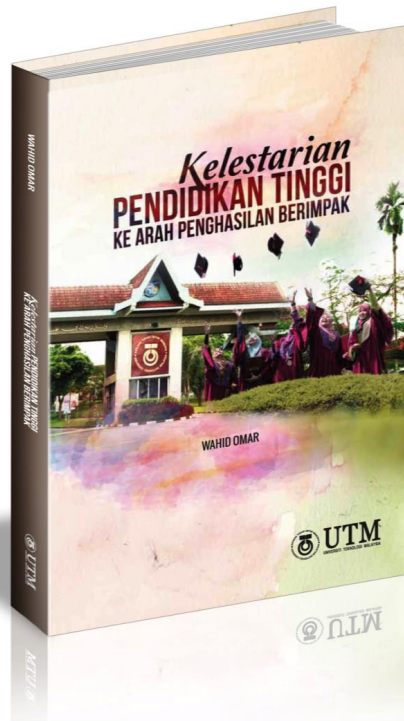
## BAB 6: BERTEMU MESRA, BERKONGSI RASA, MENCAMBAH MINDA 6.3 Pembuka Bicara



“(B)agi staf akademik, tugas menyampaikan kuliah, menjalankan penyelidikan, khidmat profesional dan sebagainya tidak semua boleh digambarkan melalui KAI. Mengajar dengan ikhlas dan mempamerkan model sebagai seorang yang berilmu dan etika yang tinggi tidak dapat diukur secara langsung melalui KAI. Tetapi jika kita berjaya laksanakan, ianya akan memberi kesan yang berbeza kepada mahasiswa berbanding jika kita hanya berkuliah tanpa mempunyai roh sebagai seorang pendidik. Tanpa menjiwai misi UTM, tugas kita selesai sekadar menghabiskan silibus, menguruskan peperiksaan, dan memberi markah.” (ms.121)

## BAB 6: BERTEMU MESRA, BERKONGSI RASA, MENCAMBAH MINDA

### 6.3 Kesungguhan Mencapai Misi Perjuangan

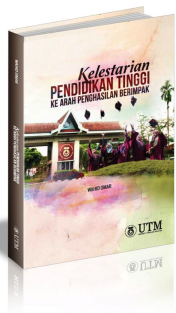


“Begitu juga dengan staf PPP. Memahami dan menghayati misi UTM akan memberi kekuatan berbeza berbanding sekadar melaksanakan tugas bagi memenuhi KAI. Pancaran kekuatan jiwa sebagai warga UTM akan dilihat oleh mahasiswa yang ada di UTM dan ini boleh membantu membentuk ekosistem pembelajaran yang kondusif.” (ms.122)

## BAB 6: BERTEMU MESRA, BERKONGSI RASA, MENCAMBAH MINDA

### 6.3 Kesungguhan Mencapai Misi Perjuangan





# BAB 6: BERTEMU MESRA, BERKONGSI RASA, MENCAMBAH MINDA

## 6.3 Kesungguhan Mencapai Misi Perjuangan

**4S<sup>©</sup>**





Cheerful

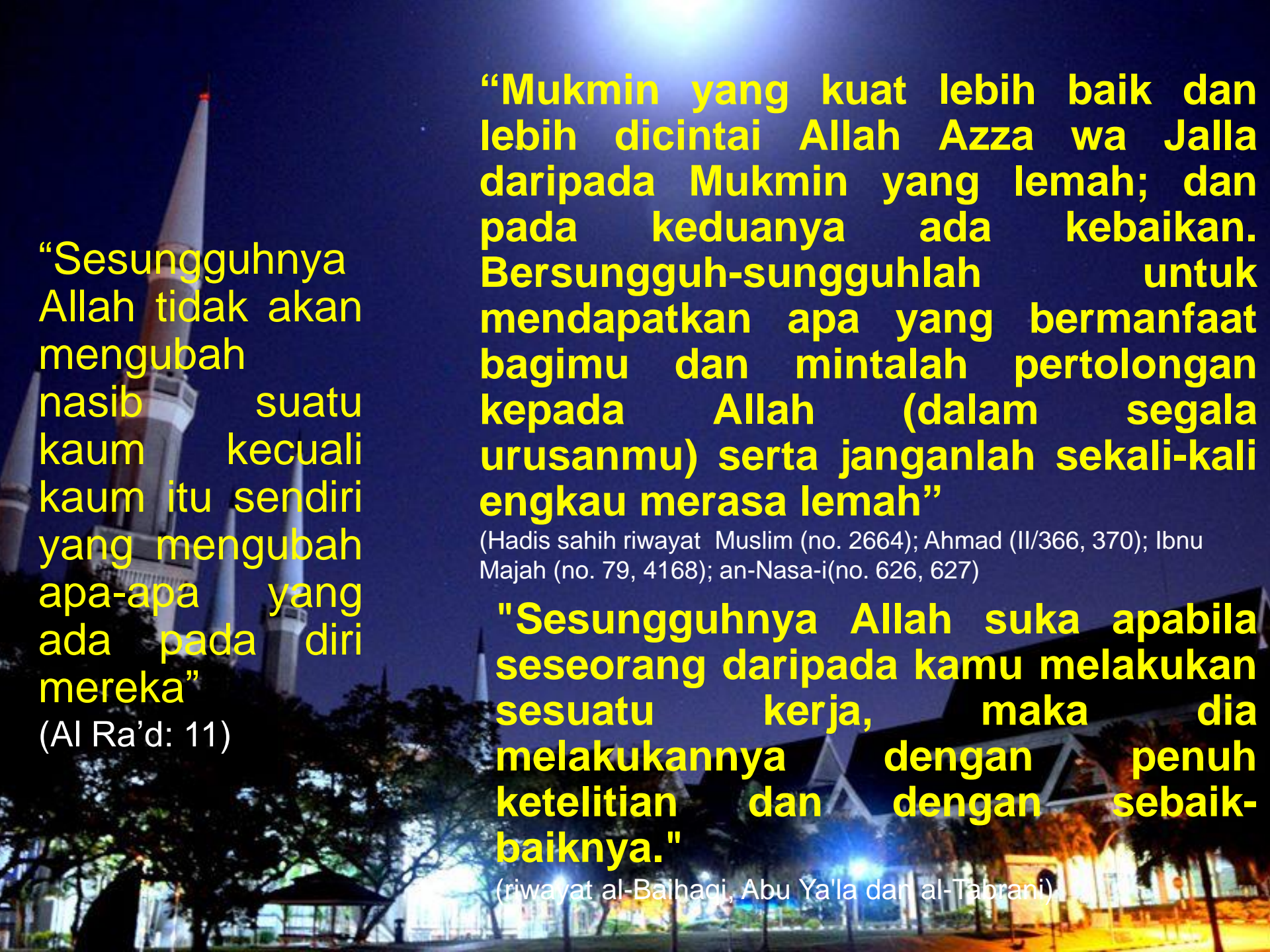


Healthy



Productive UTM





“Sesungguhnya Allah tidak akan mengubah nasib suatu kaum kecuali kaum itu sendiri yang mengubah apa-apa yang ada pada diri mereka”

(Al Ra'd: 11)

“Mukmin yang kuat lebih baik dan lebih dicintai Allah Azza wa Jalla daripada Mukmin yang lemah; dan pada keduanya ada kebaikan. Bersungguh-sungguhlah untuk mendapatkan apa yang bermanfaat bagimu dan mintalah pertolongan kepada Allah (dalam segala urusanmu) serta janganlah sekali-kali engkau merasa lemah”

(Hadis sahih riwayat Muslim (no. 2664); Ahmad (II/366, 370); Ibnu Majah (no. 79, 4168); an-Nasa-i(no. 626, 627)

"Sesungguhnya Allah suka apabila seseorang daripada kamu melakukan sesuatu kerja, maka dia melakukannya dengan penuh ketelitian dan dengan sebaik-baiknya."

(riwayat al-Baihaqi, Abu Ya'la dan al-Tabrani)

*Thank You*

***Ahmad Hilman Borhan & Narina A. Samah***

Pejabat Naib Canselor UTM

***UTM Soaring High<sup>®</sup>***



***Thank You***  
**drwahid@utm.my**

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*Shahrin Md Ayub*