

UCAPTAMA TAHUNAN NAIB CANSOLOR 2018

“TUNJANG MENGUKUH DI BUMI,
PUCUK MENJULANG TINGGI”


...untuk manfaat insan sejagat

#UcaptamaNCUniMAP2018





**Happy new
year to all!**
**I hope you have
renewed your
resolutions to
work harder this
year!**



**We gather here today
to reflect on ourselves
and on this beloved
institution of ours.**

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NAIB CANSOLOR 2018**
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PUCUK MENJULANG TINGGI"
...untuk manfaat insan sejagat

**We need to know our
achievements, plans
and the challenges
ahead**



Thank you
to the team that has
worked hard to
prepare for this
event. I appreciate
all that you have put
forth



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As a university, we are now **16 years old**.
We strive hard to fulfil the expectations of our
stakeholders

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A Chinese philosopher, Lao Tzu, once said, “The journey of a thousand miles begins with a single step”.



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**Our aspiration to be among the best universities
in the world is still far but it is not impossible**

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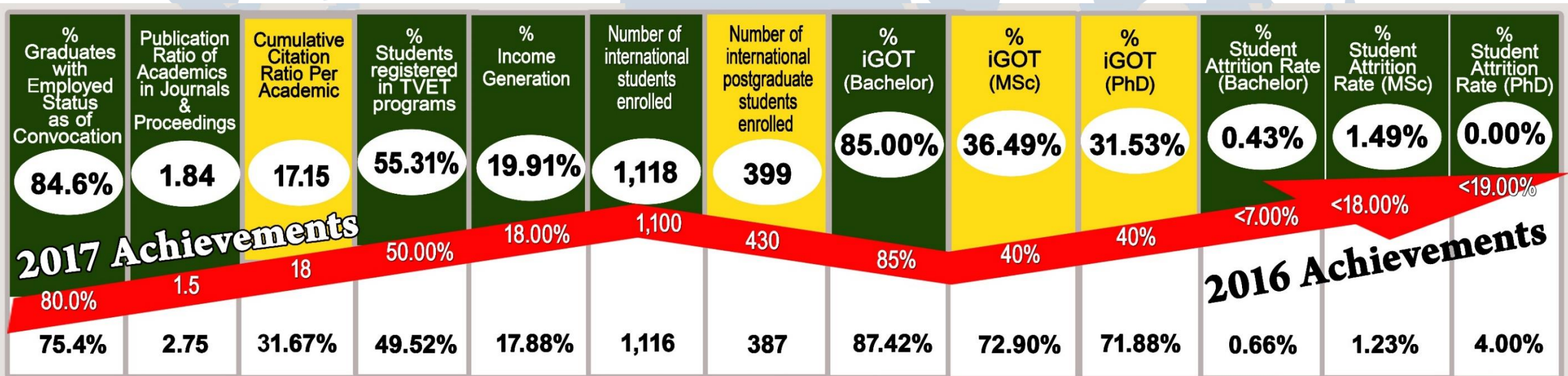
“TUNJANG MENGUKUH DI BUMI,
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We are now at no. 221 in
Asia's ranking in QS 2017.
We have achieved no. 300
in the world in Mechanical
Engineering, and no. 350
in Electronic Engineering





In terms of percentage of graduates who have secured employment before convocation, our achievement is 84.6%, which is 2690 out of 3180 graduates



2017 Achievements

2016 Achievements



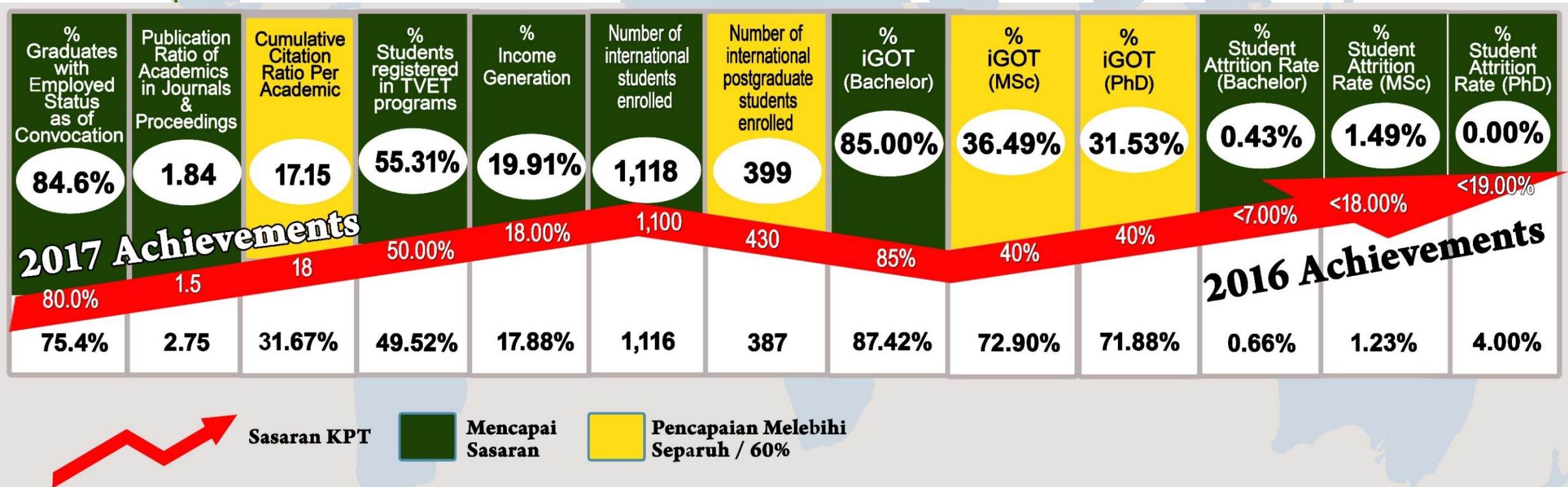
Sasaran KPT

Mencapai Sasaran

Pencapaian Melebihi Separuh / 60%

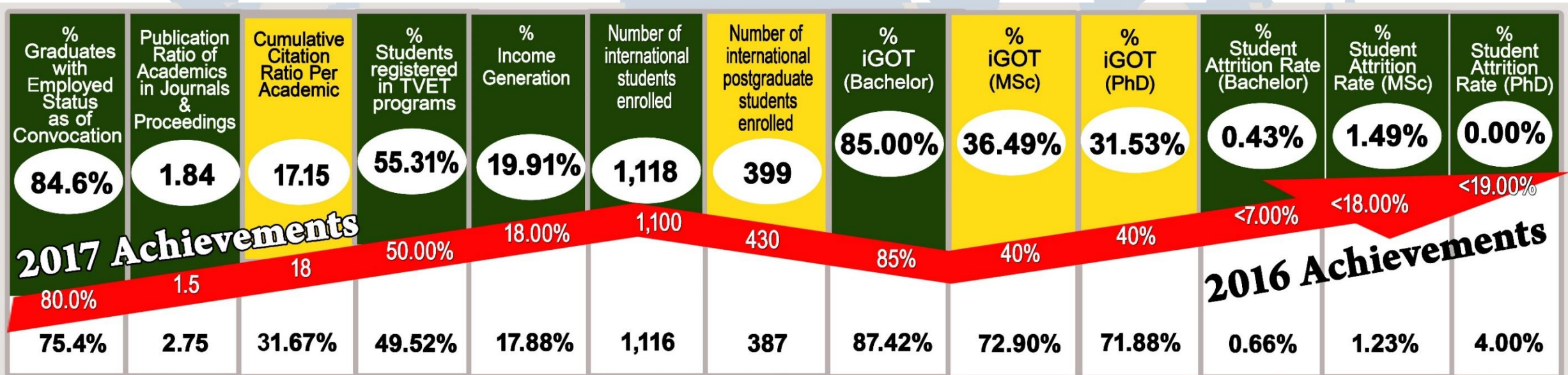


As for the number of publication in indexed journals, we have exceeded our target. However, the numbers have gone down compared to our achievement the year before





UniMAP supports the government's wish to strengthen technical & vocational education & training (TVET). We have a 5.79% increase in the number of student enrolment in TVET programmes



2017 Achievements

2016 Achievements



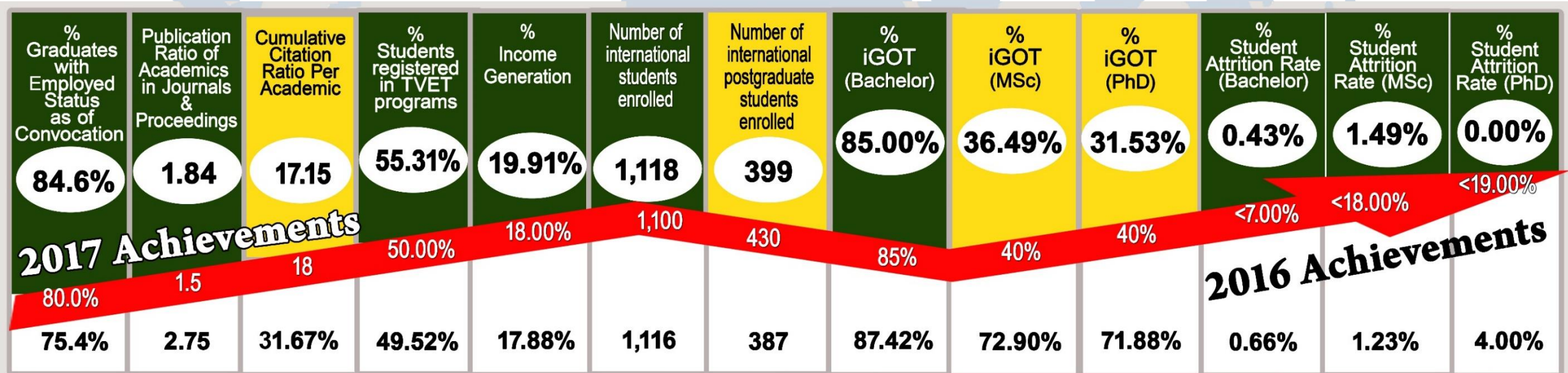
Sasaran KPT

Mencapai Sasaran

Pencapaian Melebihi Separuh / 60%



In terms of income generation, we have exceeded our target of 18% of allocation. Our achievement is 19.91%. This is certainly praiseworthy



2017 Achievements

2016 Achievements

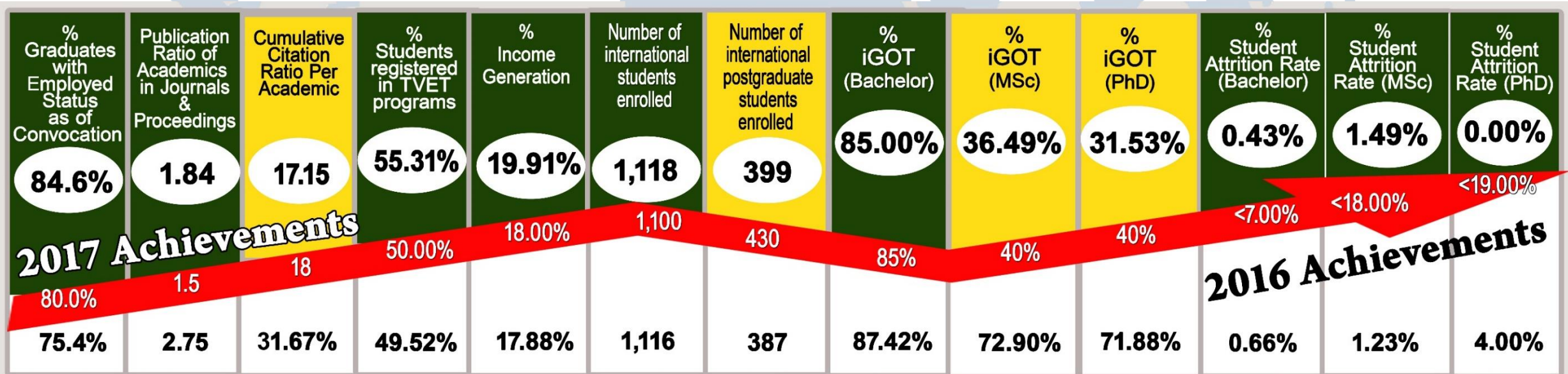
Sasaran KPT

Mencapai Sasaran

Pencapaian Melebihi Separuh / 60%



Our goal of having at least 1,100 international students has been accomplished. We now have 1,118 international students in our campus.



Sasaran KPT

Mencapai Sasaran

Pencapaian Melebihi Separuh / 60%

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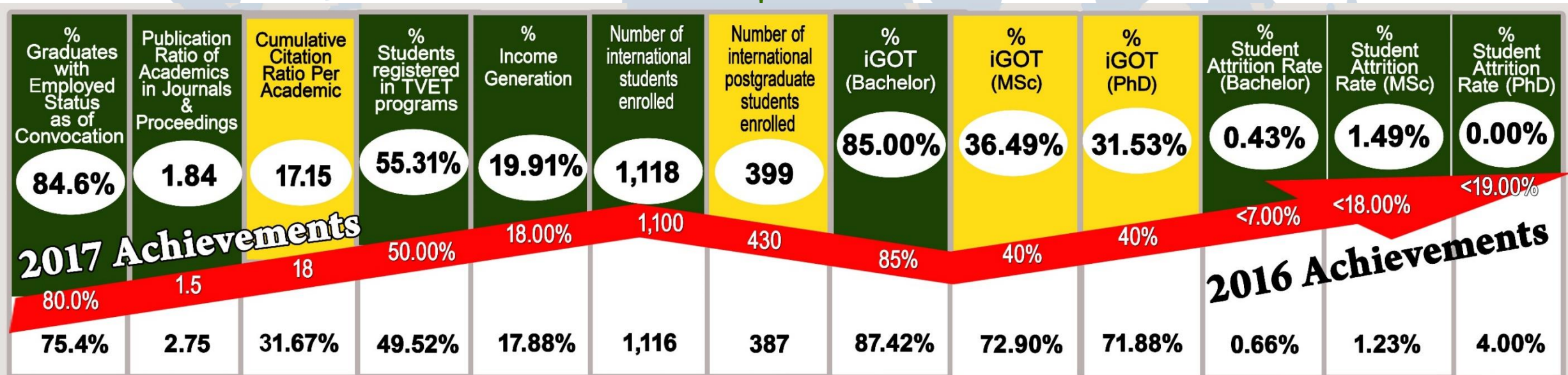


**IT IS GREAT TO HAVE YOU HERE,
INTERNATIONAL STUDENTS!!**

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Sasaran KPT

 Mencapai Sasaran

 Pencapaian Melebihi Separuh / 60%

Our “Intake graduate on time” (iGOT) goals are 85% for undergraduate, 36.49% for Masters, and 31.53% for PhD. While our achievement figures are not too bad compared to the targets, much still needs to be carried out here



% Graduates with Employed Status as of Convocation	Publication Ratio of Academics in Journals & Proceedings	Cumulative Citation Ratio Per Academic	% Students registered in TVET programs	% Income Generation	Number of international students enrolled	Number of international postgraduate students enrolled	% iGOT (Bachelor)	% iGOT (MSc)	% iGOT (PhD)	% Student Attrition Rate (Bachelor)	% Student Attrition Rate (MSc)	% Student Attrition Rate (PhD)
84.6%	1.84	17.15	55.31%	19.91%	1,118	399	85.00%	36.49%	31.53%	0.43%	1.49%	0.00%
2017 Achievements							2016 Achievements					
80.0%	1.5	18	50.00%	18.00%	1,100	430	85%	40%	40%	<7.00%	<18.00%	<19.00%
75.4%	2.75	31.67%	49.52%	17.88%	1,116	387	87.42%	72.90%	71.88%	0.66%	1.23%	4.00%

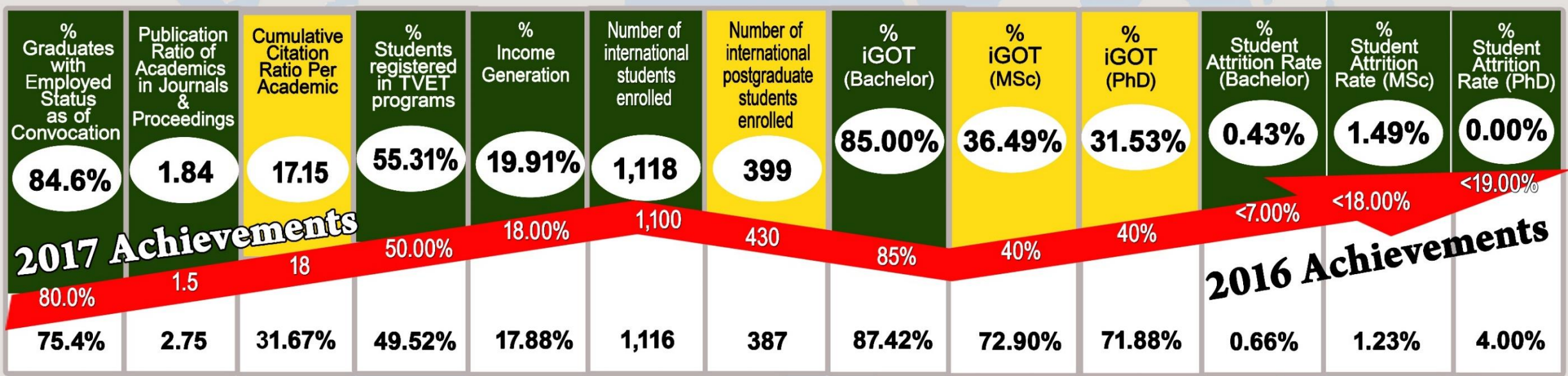


Sasaran KPT

 Mencapai Sasaran

 Pencapaian Melebihi Separuh / 60%

As for number of student drop-outs, we fulfil all our targets. Alhamdulillah



Sasaran KPT
Mencapai Sasaran
Pencapaian Melebihi Separuh / 60%



21
Kejuruteraan



14
Teknologi
Kejuruteraan



2
Perniagaan &
Keusahawanan



1
Komunikasi
Media
Baharu



15
Program
Pasca
Siswazah

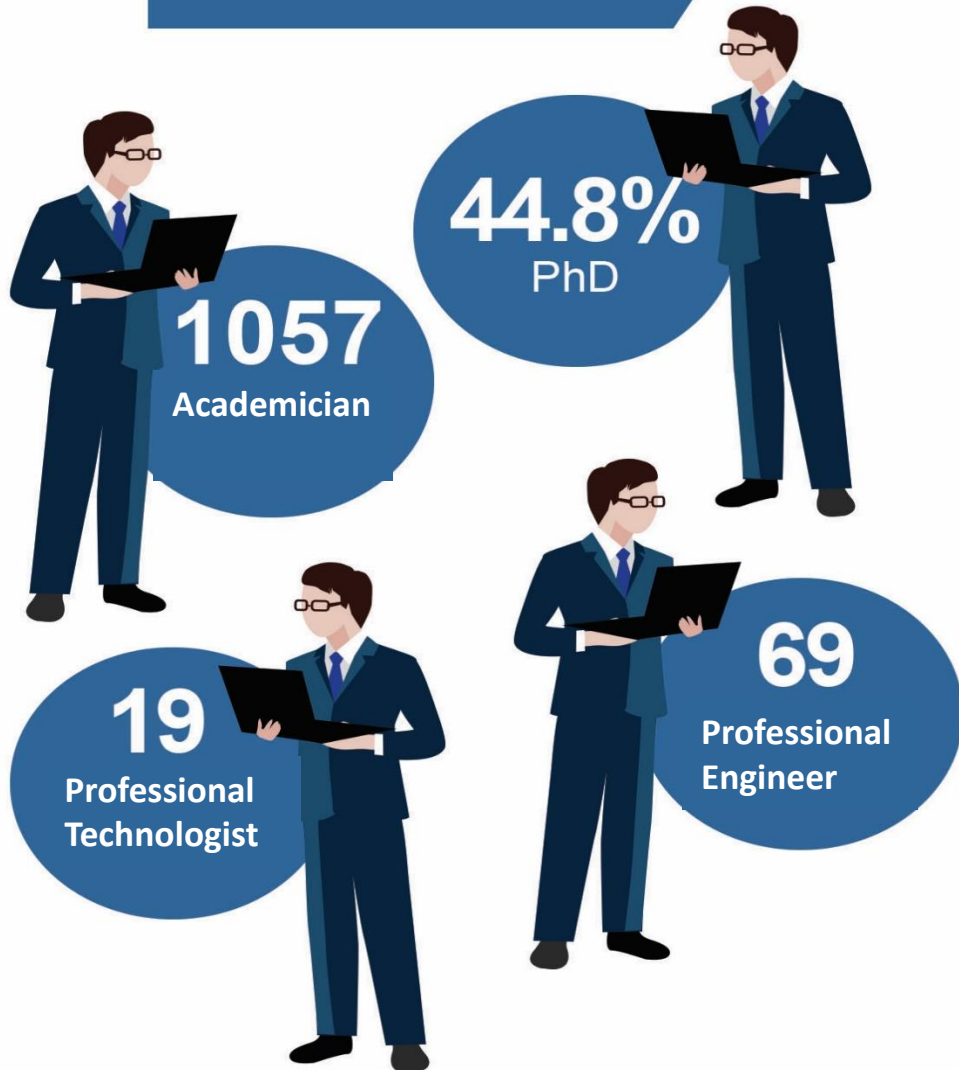


6
Diploma



All our academic programmes satisfy the standard requirements of the Board of Engineers Malaysia (BEM) and the Malaysian Qualification Agency (MQA)

STAFF ENROLMENT



We have 1,057 academic staff, of which approximately 45% have PhDs. We also have 69 Professional Engineers and Chartered Engineers. This is among the highest in Malaysian universities. In addition, 19 staff members have Professional Technologist status

IKM & ILP

First Intake - 36 Students (School of Electrical Systems Engineering)

Perda Tech School, KISMEC

- Beseri, Perlis
- Sik, Kedah
- Sg. Petani, Kedah
- Seberang Prai Utara, P. Pinang
- Lumut, Perak
- Besut, Terengganu
- Pasir Mas, Kelantan



We accord importance to life long learning. Several programmes are designed to fulfil this end, including one organised by the School of Electrical Systems Engineering

**PROGRAM SARJANA MOD
CAMPURAN / KERJA KURSUS (RETRACE)**

✓ Anjung Kuala Lumpur ✓ Anjung Kulim



Pengajian secara FRANCAIS

✓ Kolej TAJ ✓ Kolej Regent



**We also offer
programmes at Anjung
Kulim and Anjung Kuala
Lumpur through
RETRACE. In addition,
we work with TAJ
College and Regent
College**



UniMAP reviews its programmes on a regular basis to assure their relevance. Programmes that are not popular are rebranded or combined or eliminated altogether

Beginning Academic Session 2018/2019, these programmes will be put on moratorium :

RK89

**Photonic
Engineering**

RK93

**Computer
Network
Engineering**

RK96

**Electrical
Energy
Systems
Engineering**

RK84

**Product
Design
Engineering**

RK53

**Communication
Engineering**

RK45

**Industrial
Electronic
Engineering**

RK56

**Metallurgical
Engineering**

**Alhamdulillah, our
programmes
prepare students to
fare well in the era
of the 4th Industrial
Revolution (4IR)**

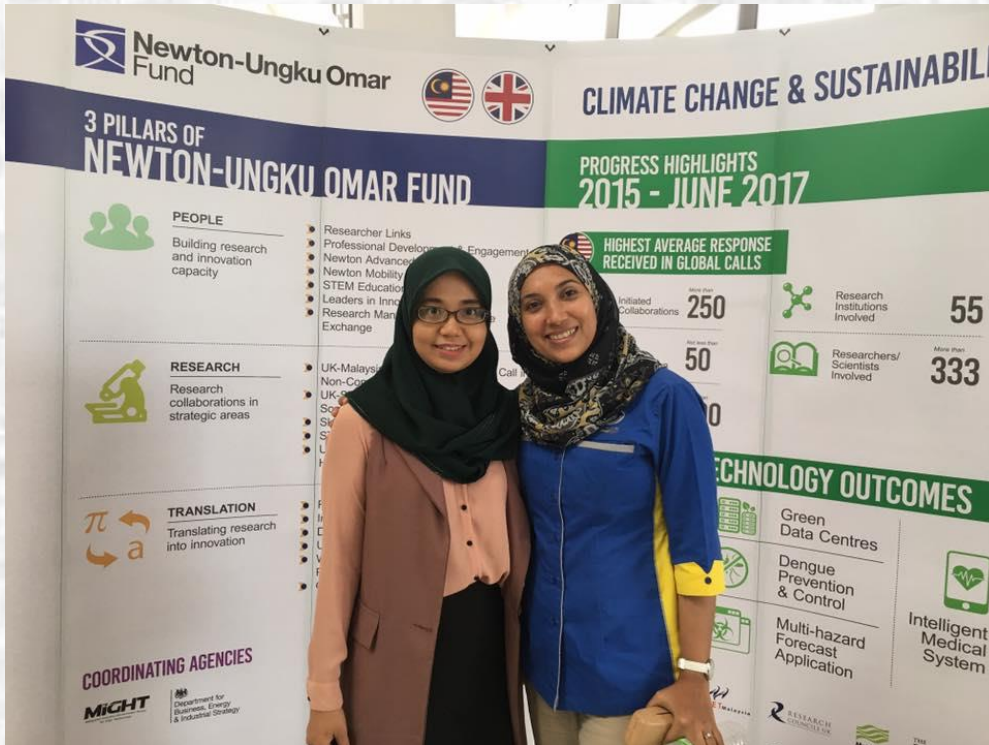




Our staff members participate in numerous programmes that enrich their experience, including the “CEO Faculty 2.0 Coached by the Pros”,

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programmes with the Czech
Technical University, Prague,
the Centre of
Nanotechnology, University
College London UK,
University of Sindh Pakistan,
Nahda University Egypt, and
many others



Students also participate in such programmes, including ones under the Newton Grant that take them to UK, Greece, Taiwan, and the Czech Republic.

There is also the Mini-SEED programme in Thailand, as well as the Asia Summer Program (ASP).



We continue to make new collaboration with the world. Recently, we discussed at length with the :

- University of Chemical Technology and Metallurgy Bulgaria,**
- Universitas Negeri Makassar Indonesia,**
- UIN Alauddin Makassar Indonesia, and**
- International Islamic University in Chittagong Bangladesh**



5

SETARA-2017
Mature University

EXCELLENT

In the field of research, UniMAP acquires a 5-star rating in SETARA. At 96% score, we are above many public universities

UniMAP TOP CITED RESEARCH SCIENTISTS



13 Researcher With Citation More Than **500**

UniMAP YOUNG RESEARCH SCIENTISTS

34 UniMAP Young Research Scientists

(H – Index 7 and above , Age 39 and below)

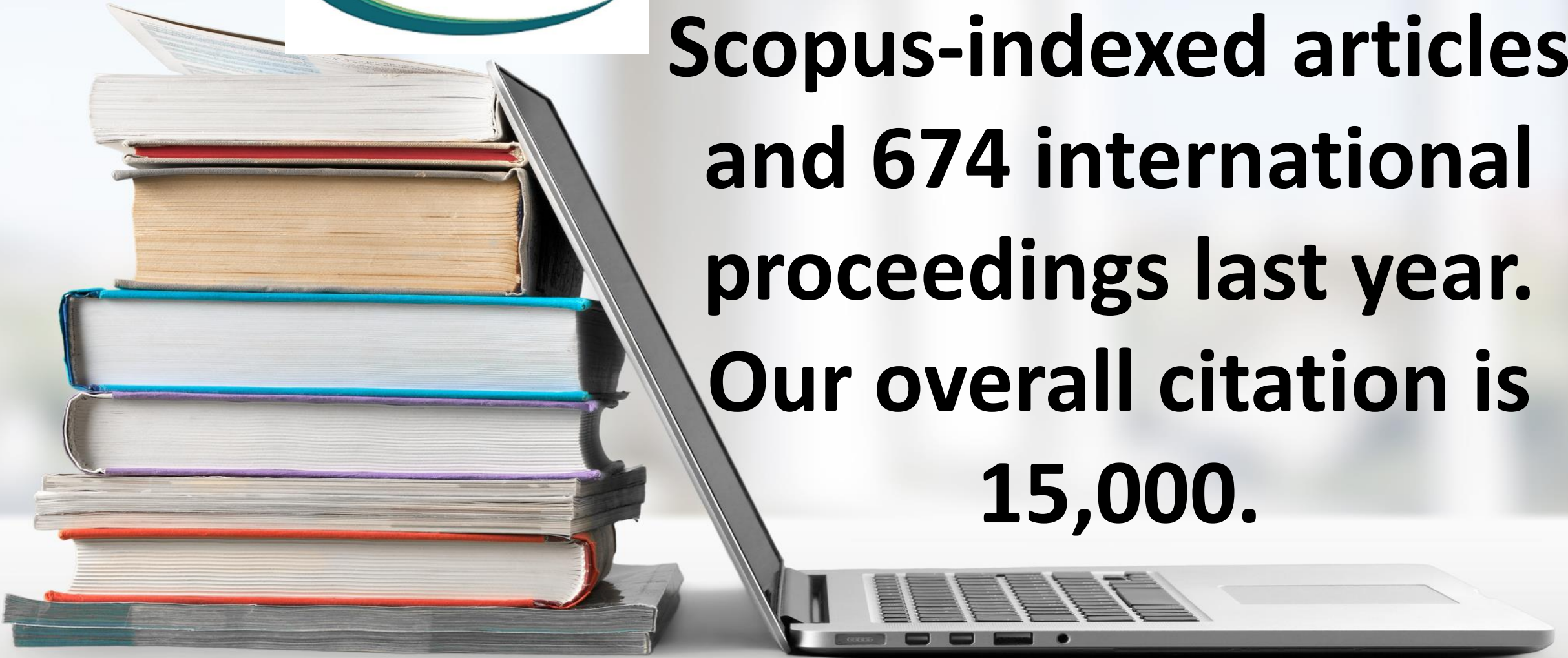
Update : September 2017



Alhamdulillah, 13 of our researchers have more than 500 points in citation, while 34 of them have H-index exceeding 7



We also produced 1,120 Scopus-indexed articles and 674 international proceedings last year. Our overall citation is 15,000.



MALAYSIA'S RESEARCH STAR AWARD 2017



Assoc. Prof. Ir. Dr. Mohd Shukry Abdul Majid

Awarded

Economic Impact Researcher

in area of **Materials Science**

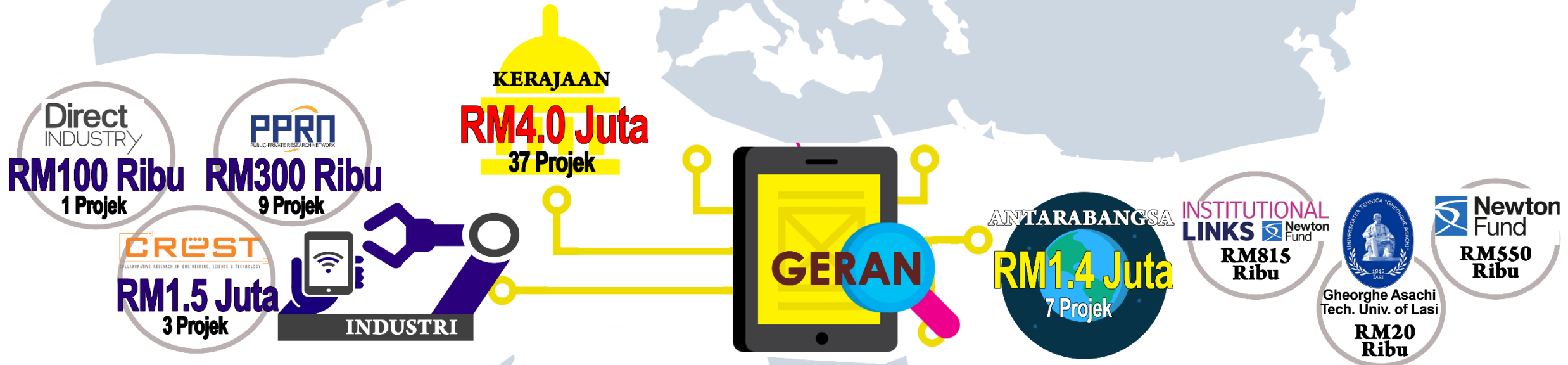
By **Ministry of Higher Education and Clarivate Analytics**

**A whopping
RM6 million
was acquired
last year in
research grants.**



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3 Golds Special Awards
Malaysia Technology Expo 2017

3 Golds
EURO INVENT

2 Golds Special Awards
iENA International Trade Fair
Ideas Inventions New Products

10 Golds Special Awards
ITEX 17 MALAYSIA

2 Golds
Pecipta '17

8 Golds Special Awards
SIIF 2017 Seoul International Invention Fair

RESEARCH EXHIBITION

**We scaled the world
– from Korea to
Germany and other
places to participate
in numerous
research exhibitions**



We place a target of 1:20 for ratio of number of products created to number of researchers.

17 Translational Research Products





KAMA 4 G

Prof. Dr. Hazry Desa



**Mask Aligner For Research
And Education**

Prof. Dr. Uda Hashim



Wireless Bridge

***PM. Dr. Mohd Faizal
Jamlos***

We now have 3 spin-off companies that will strengthen our commercialisation effort.

RM320 K
IP

RM2.2 M
non - IP

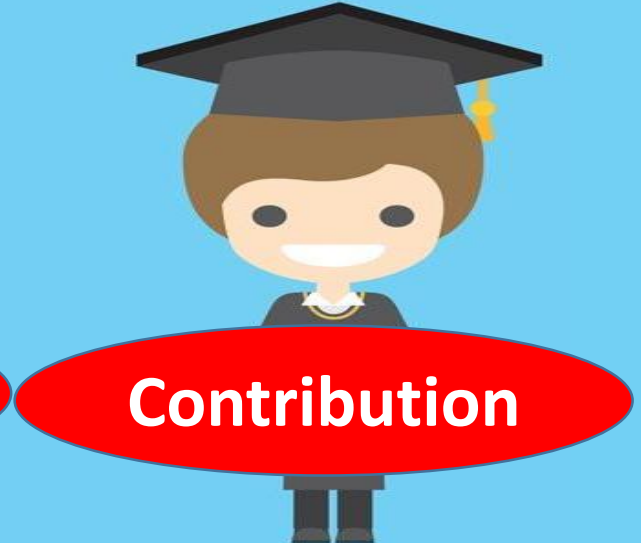
Last year, we obtained RM 320,000 and RM2.2 million from IP and non-IP products, respectively



At the moment, we have 13,496 undergraduate and postgraduate students.

We want all of them to fulfil the 8C

attributes of :





**Mahad Mohamed
(PPK Bioproses)**
won 4th place
in a debating
competition,
Pidato Antarabangsa
Bahasa Melayu
Piala Perdana Menteri
(PABM) 2017



**Amirul Zainal
(PPK Komputer
& Perhubungan)**
represented Malaysia in the
World University Sports
Championship in Taiwan



**Rosyeen Nambiyaar
Nandakumar
(PPK Mekatronik)**
represented Malaysia
in ITF World
Championships 2017
Dublin, Ireland

**We have produced many impressive students,
including Muhammad Amirul Zainal, Rosyeen
Nambiyaar, and Mahad Mohamed.**



1 Emas
15 Perak
2 Gangsa

PINGAT



Nur Nadiah 'Izzati Zulkifli
IDRIS - Double Gold & Special Award
ITEX - Silver
IYIA - Gold & special award

Our students also won prizes in the Innovation Design Research International Symposium and World Young Invention Exhibition. Thanks to all who have made this possible!



**Our alumni are
impressive too,
including Siti
Nurnazifah Jais Meah
who won the UST
Global Malaysia Best
New Talent Award
2017, and**

**Siti Nurnazifah Jais Meah
(Siswazah FTK)
won UST Global Malaysia
(Best New Talent Award) 2017**

Tan Wei Chun – an entrepreneur who has carved his name in the global arena and yet works with UniMAP in the scientific breeding of the jade perch.



Homecoming Programme

240 Alumni
involved



Sponsorship



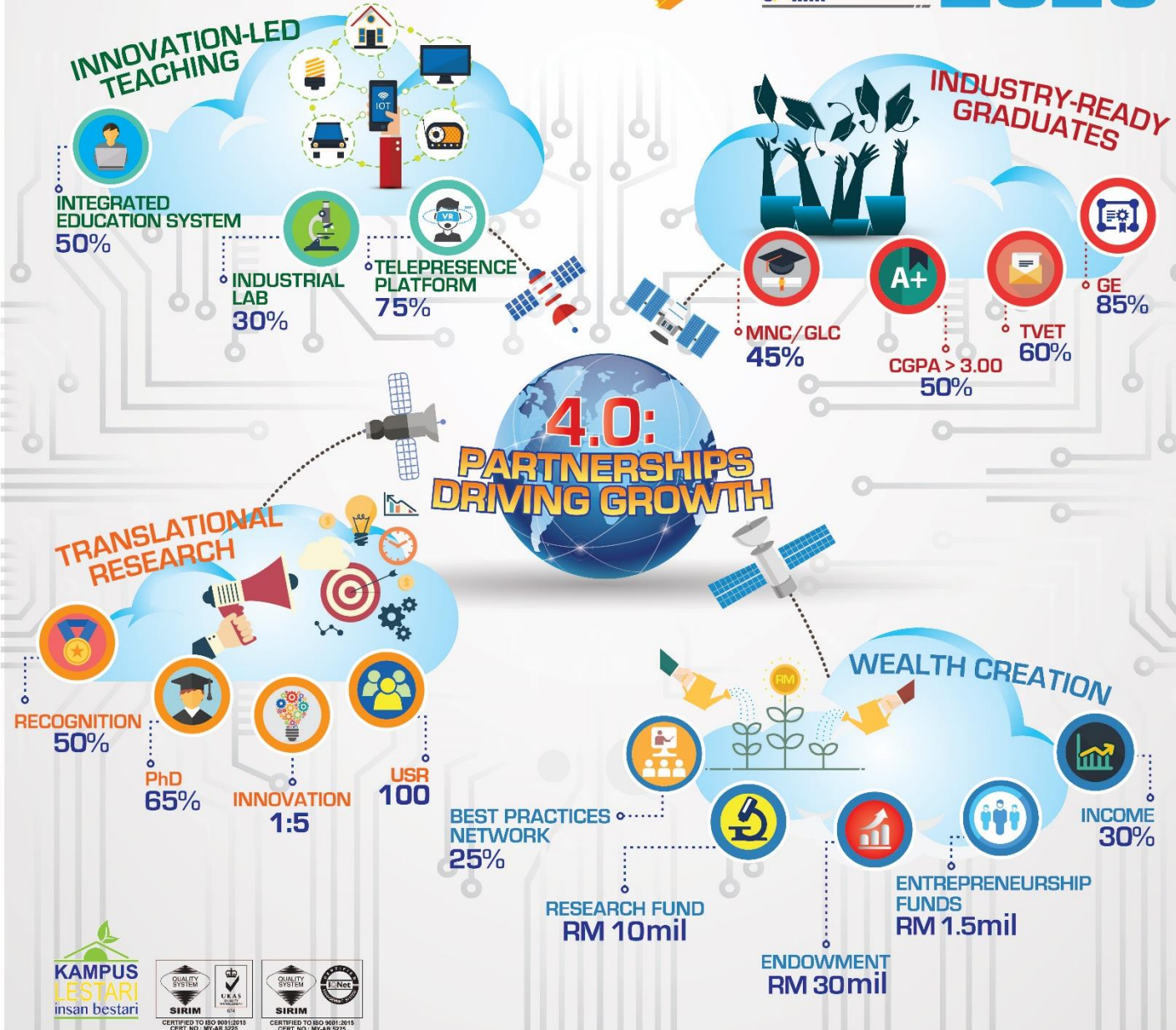
Alumni Talk



Many alumni
come back to
UniMAP to share
their wealth of
experience with
current students



“Change is the law of life. Those who look only to the past or the present are certain to miss the future” – let’s embrace the changes that will happen this year! We will be doing some restructuring soon. Do take advantage of what is coming your way!



Our strategy for the years ahead takes into account the 4IR

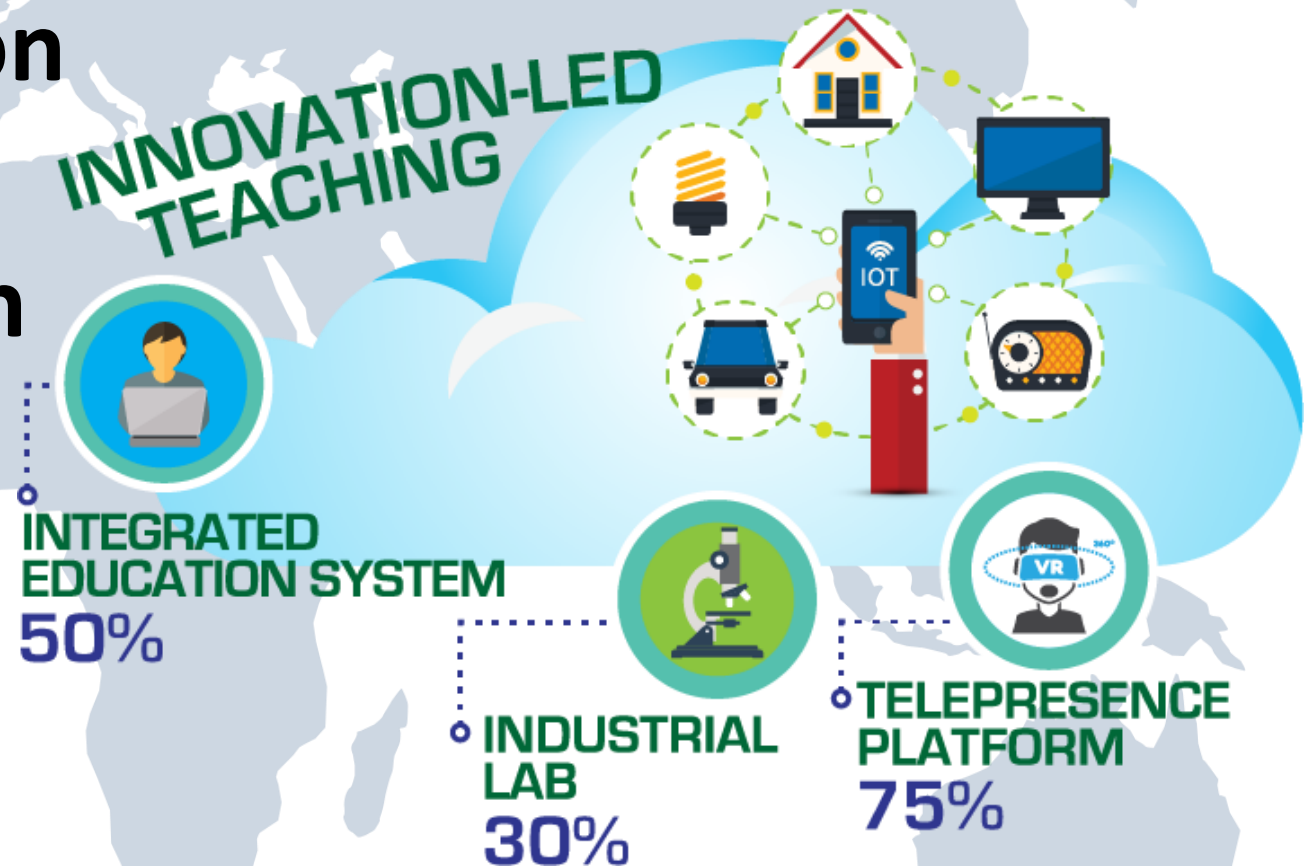
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...untuk manfaat insan secepat



In teaching-learning, we aspire to make innovation central. An open source and integrated education system, industrial labs, and “telepresence” platform are among the components we want to focus on





We will use blended learning that rides upon MOOC. We invite the world to join us in our courses that we offer online

WELCOME TO UniMAP ELEARNING CENTRE

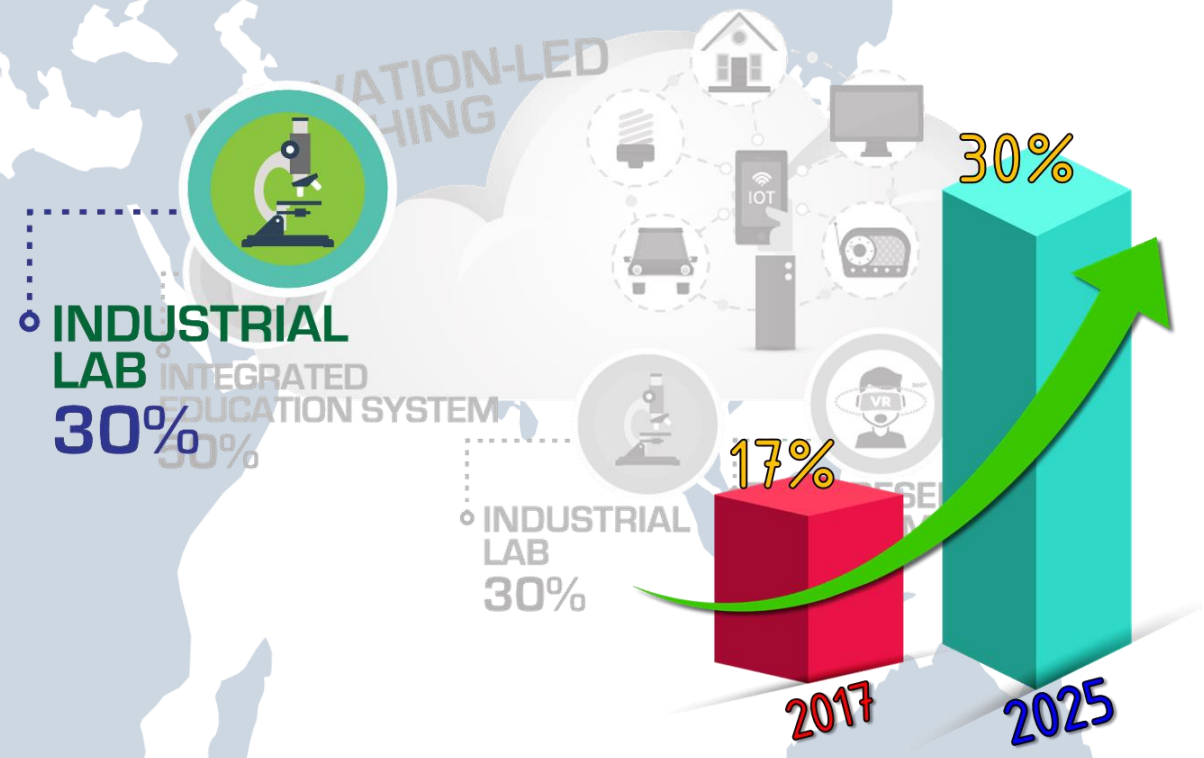
Please Visit:
<http://elearninglab.unimap.edu.my/elearning>

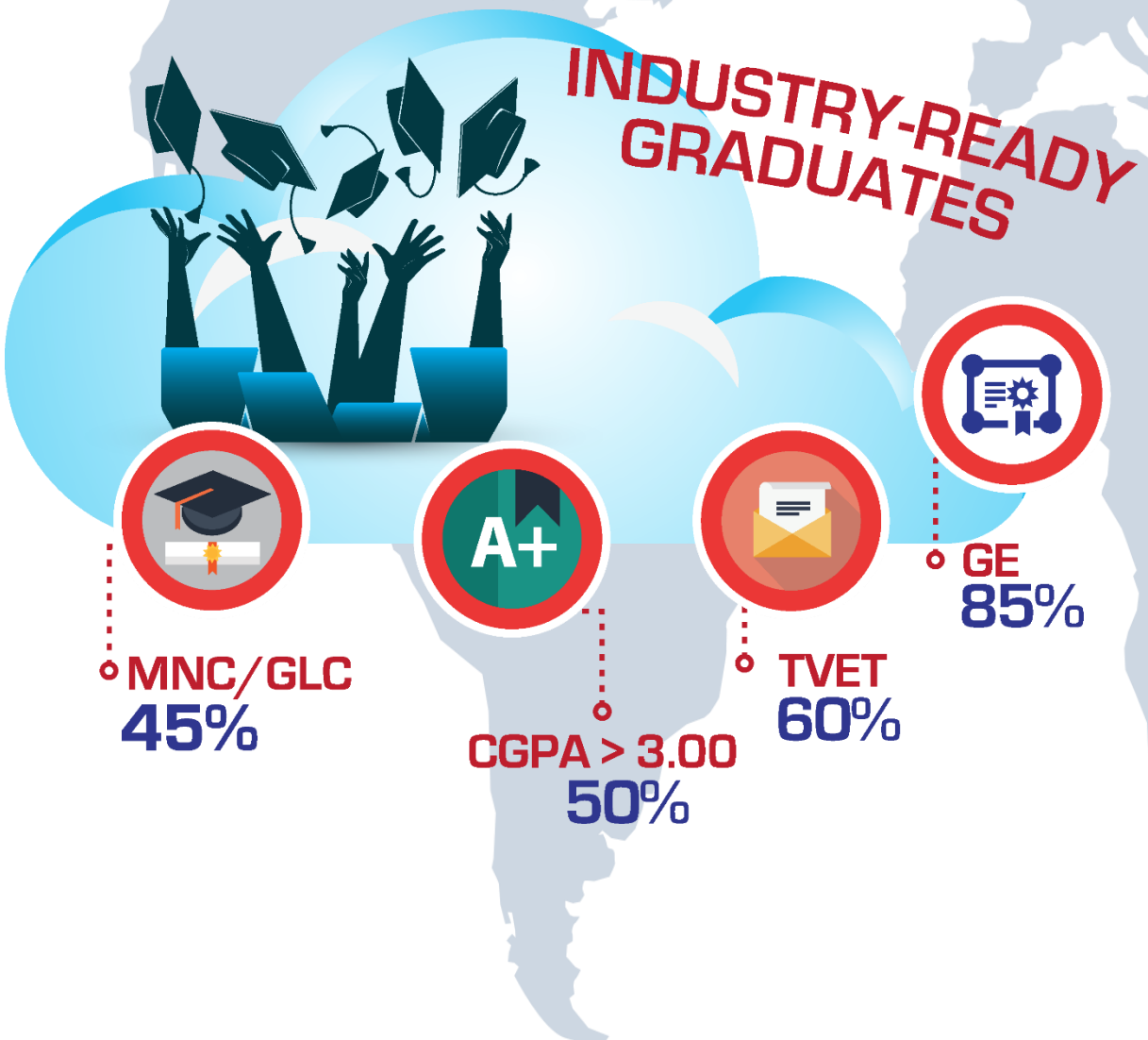


<http://elearninglab.unimap.edu.my/elearning/>

**‘Learning & Teaching 4.0’ :
Enhancing Learning Using
Technology**

We are committed to produce industry-ready graduates. As such, we will ensure that our labs are in the state-of-the-art condition.





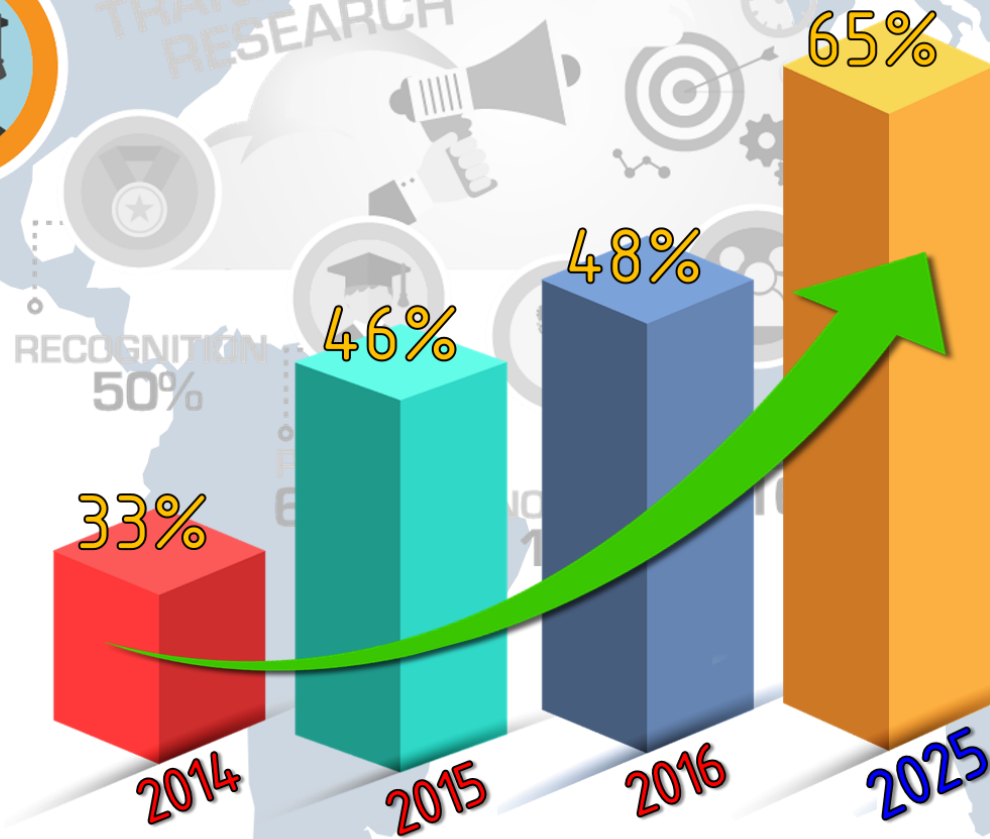
We will look into graduate employability, CGPA improvement, and TVET programmes. We will work closely with the industry to meet this end



We aspire to produce world class graduates. This is not an easy feat, given the constraints we are facing. However, we will try our best to overcome the constraints and accomplish our goals.

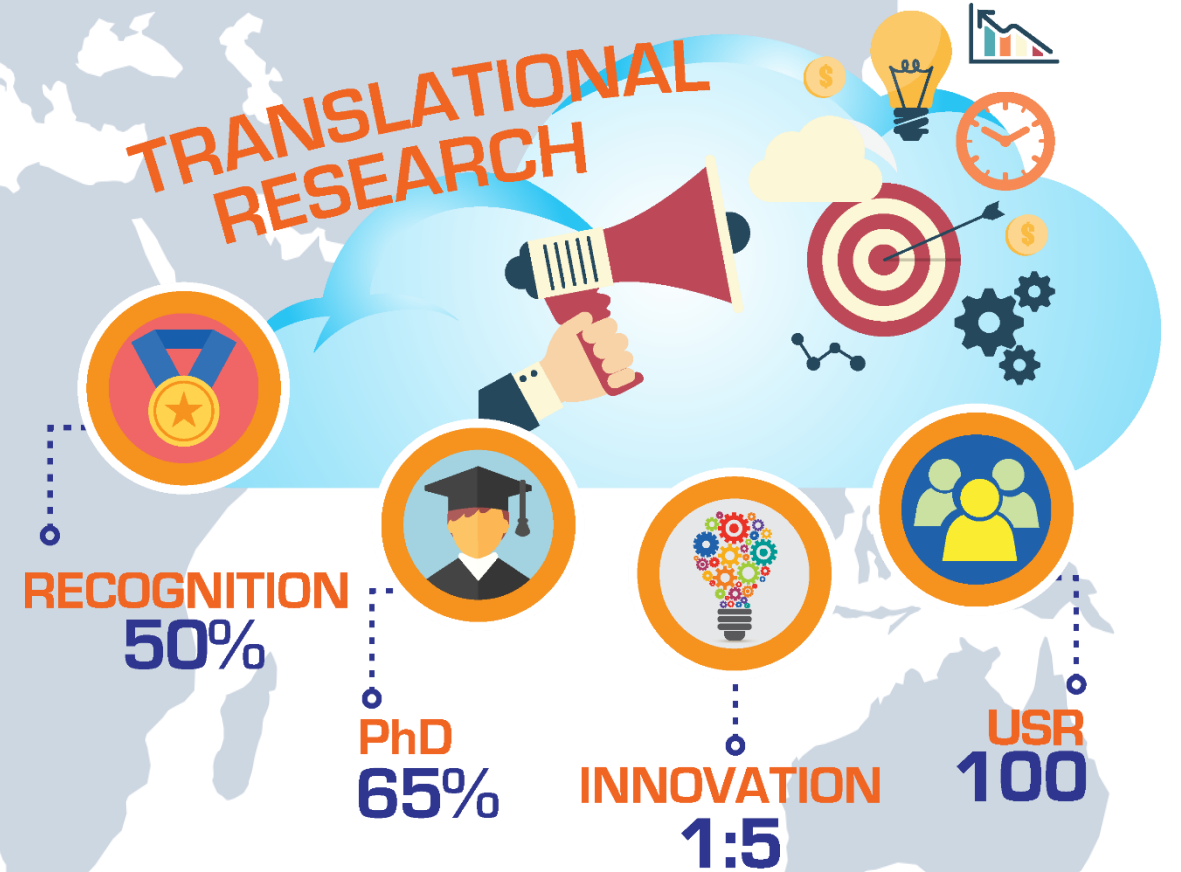


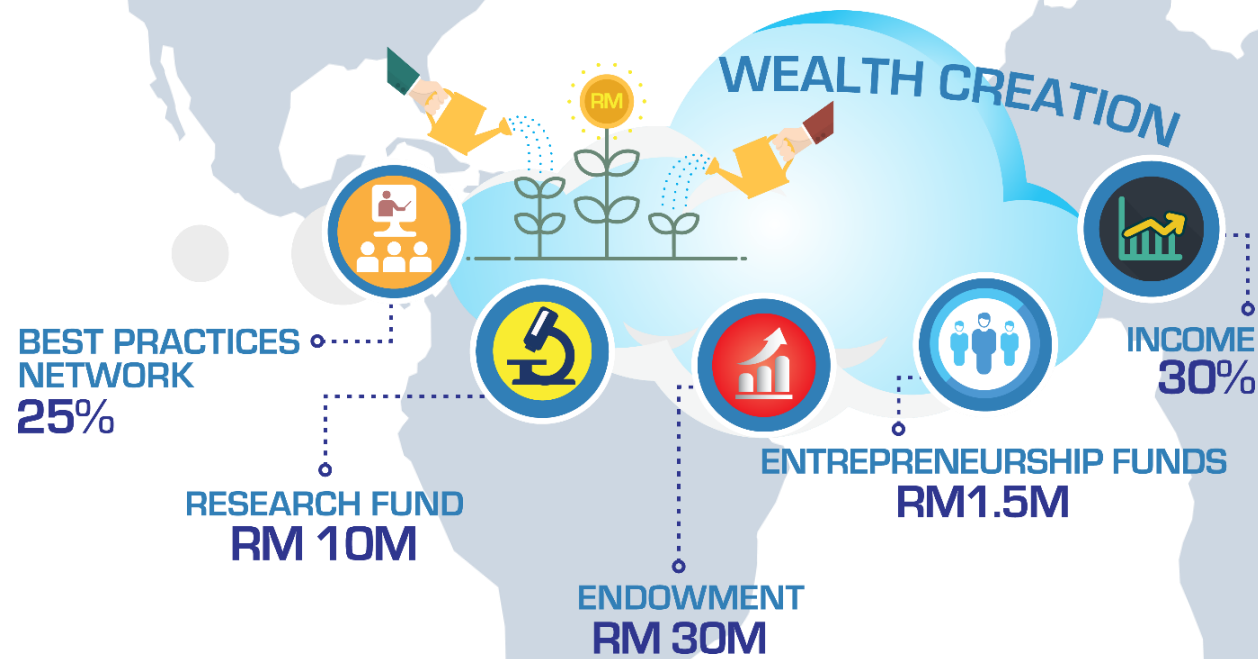
PhD
65%



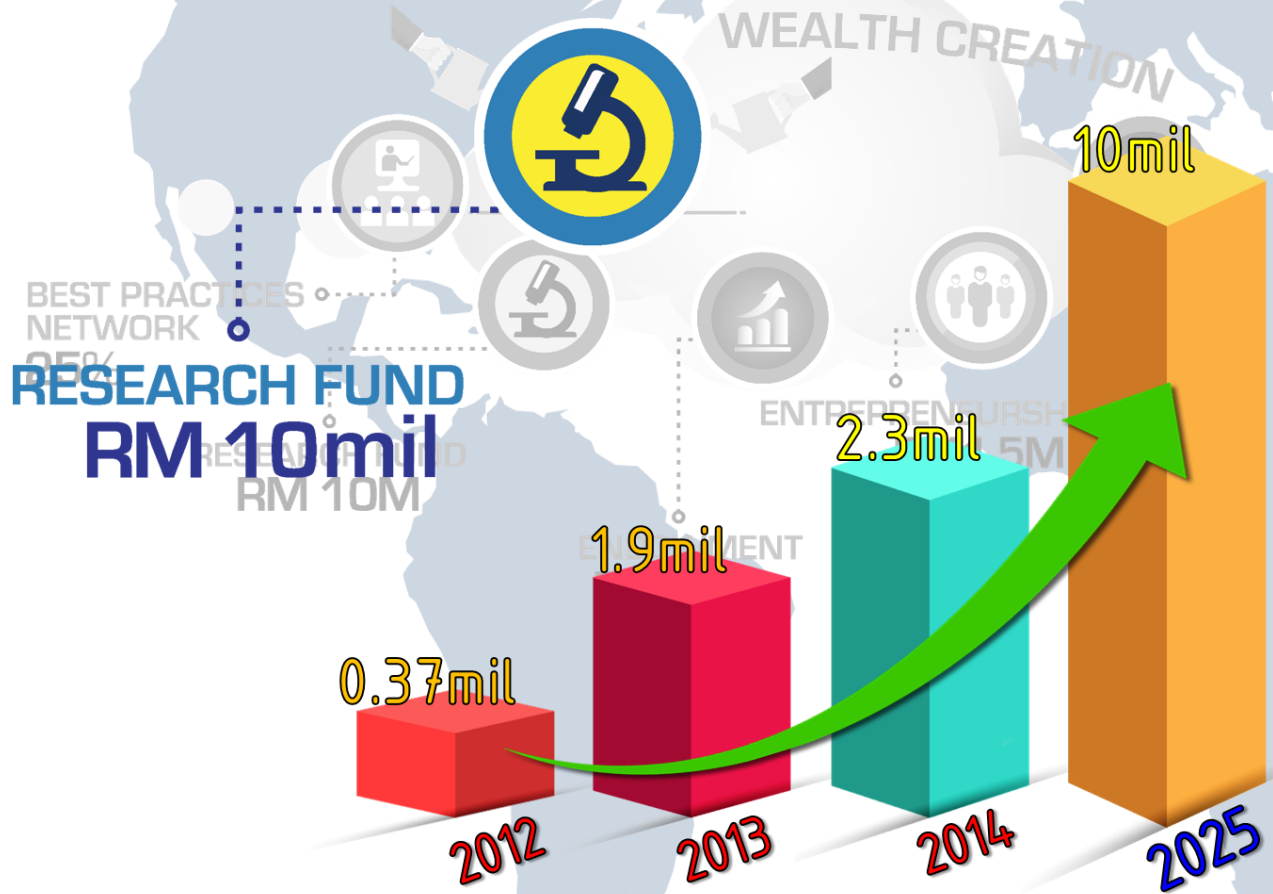
As it is, we are proud to have approximately 45% of our lecturers with PhD. We aim to increase the percentage to 50% this year

Although we did well in SETARA, we realise that we are not meant to be a research university. Still, research is important. As such, we will continue our strive in this arena, especially in industry-related research projects

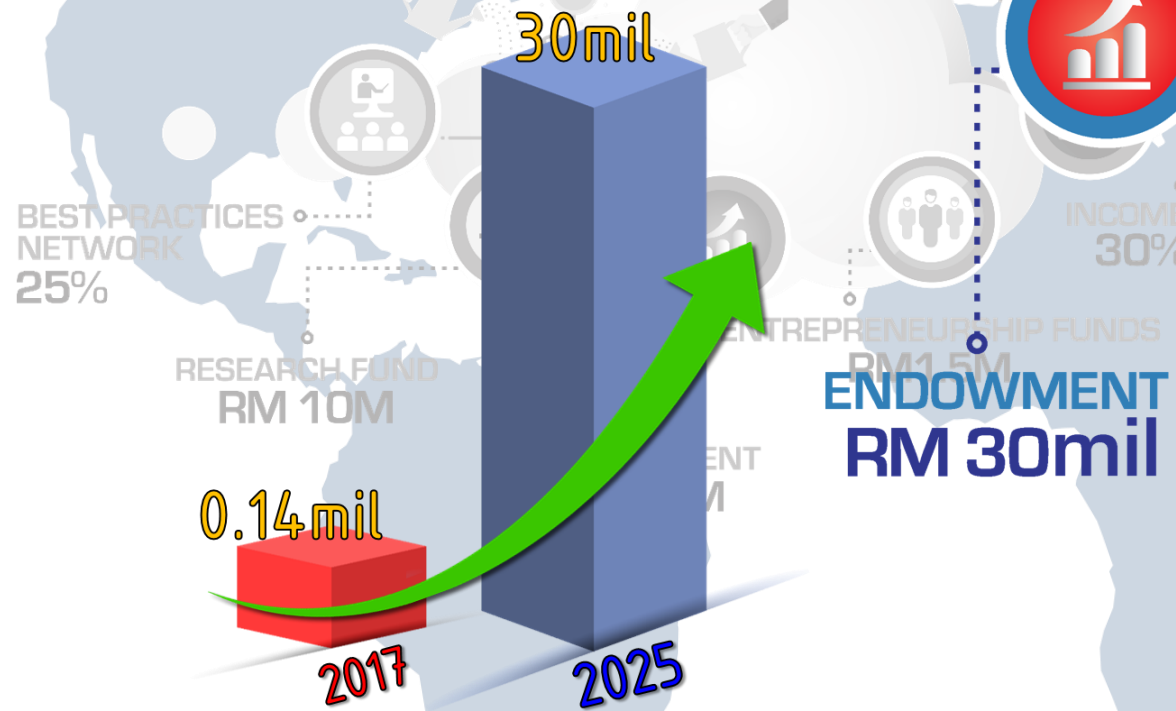




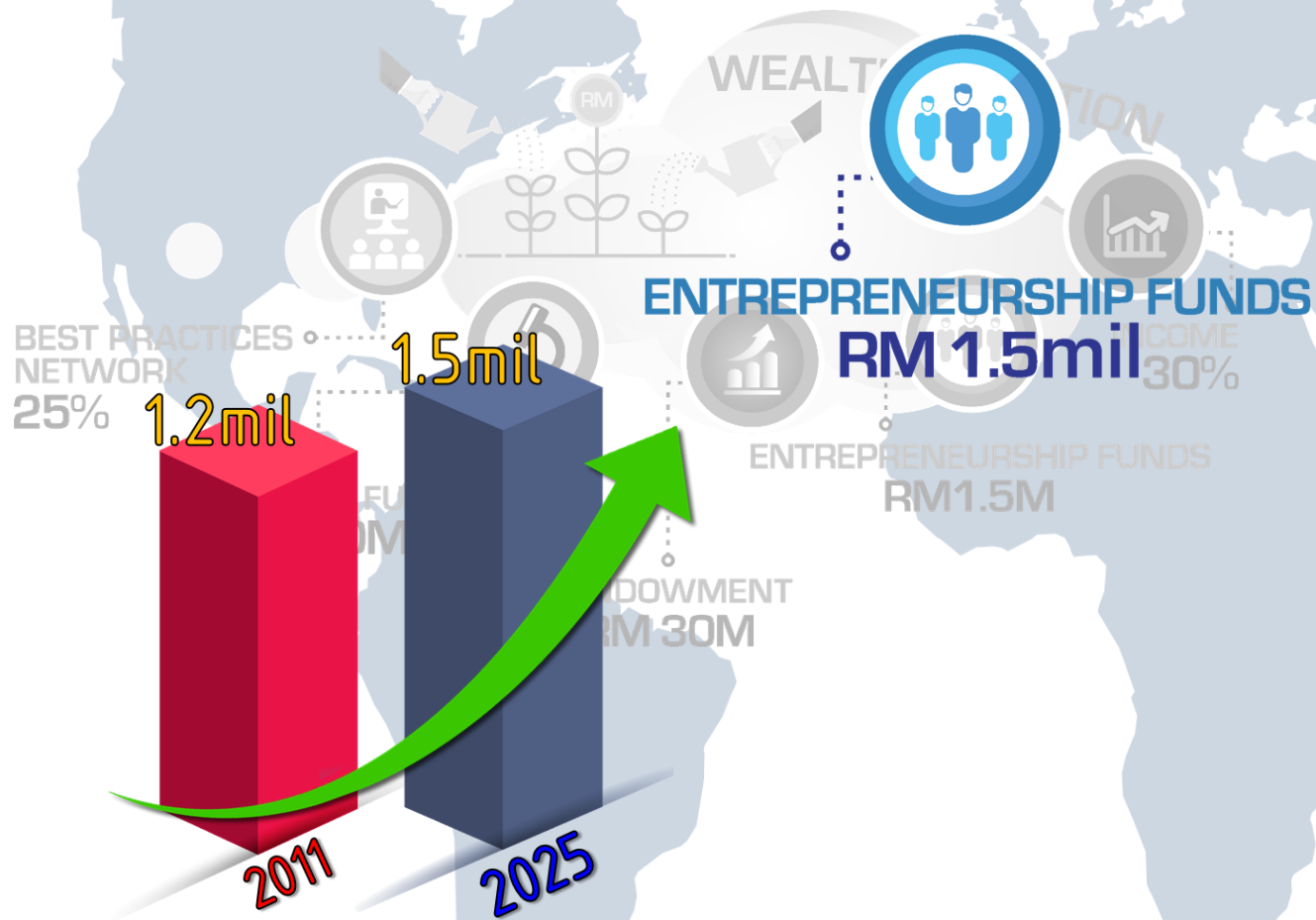
There are many challenges ahead – one of which is finance. We need to strengthen our efforts on income generation



We also need to increase the amount obtained in research grants, especially from the industry.

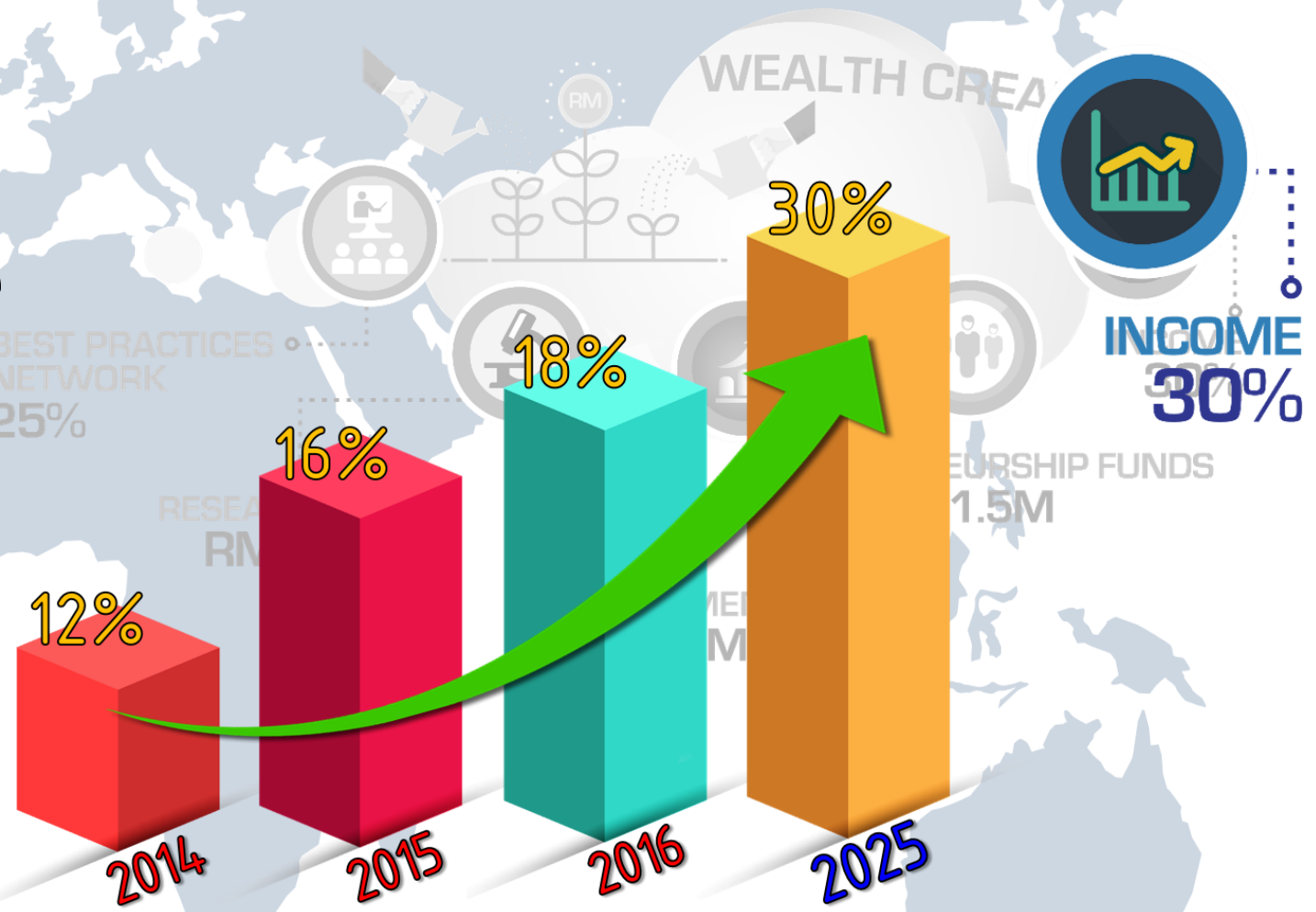


Endowment and waqf are as important.



We would like to help students in their quest for business start-ups. We target RM1.25 million to help make this a reality

We have tried many ways to generate income. Although we have not been very successful, I appreciate the effort you have put in. Let's try harder this year!





In 2016, our operating budget was RM240.9 million. The next year, it was decreased to RM207.5 million. This year, we are given RM214 million. Alhamdulillah



Although the amount is still not much, we can make it work, as long as our savings initiatives are continued appropriately



Each and every one of us has a role to play to cut down the University's expenses. For example ...

Turn off the lights that are not in use.





Do not put your computer in standby mode if you don't use it for more than 30 minutes


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...untuk manfaat insan sejagat



It's really not that difficult to do! All it takes is a few seconds



Apart from monetary savings, we are being gentle to the environment if we use our natural resources sparingly. Let us all be responsible people!

Indeed, this mindset transformation is more of a challenge compared to the financial constraint we are facing.



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**How do we elevate our thinking to higher planes?
Can we all obtain first class mentality?**

Although 84.6% of our graduates secure jobs before convocation, we still need to look at our academic processes to improve them



**The 4th Industrial Revolution
(4IR) is taking the world by
storm. UniMAP has no choice
but to respond accordingly**



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In China recently, the world's first robot dentist is born. Another robot, Xiaoyi, has passed a medical examination that qualifies it to become a doctor.

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The Saudi Arabian government has awarded citizenship to Sophia, a humanoid robot last year



UNIVERSITI
MALAYSIA
PERLIS

4iQ industry i.Q

Since its establishment, UniMAP has always been preparing its students for 4IR, although the term '4IR' has only recently been coined.

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The linchpins of the world's progress are that of electronics and engineering. These are also the University's niche areas



Our partnership with the industry has enabled us to understand what is needed there, hence allowing us to ensure that our curriculum remain relevant

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But curriculum content alone is not enough. We need to relook at our delivery practice as well as the entire support system to make certain that all are in line with the 4IR

Our keynote theme last year was
*‘Tunjang mengukuh di bumi, pucuk
menjulang tinggi’* – **FIRMLY
GROUNDED, SOARING HIGH.** We are
using the same theme this year as it is
still very much relevant

AMANAT 2018

HIGHER EDUCATION 4.0:

Knowledge, Industry and Humanity

Datuk Seri Idris Jusoh

01 LEARNING & TEACHING 4.0



Learning Spaces



Pedagogy



Fluid & Organic Curriculum



Technologies



HEUTAGOGY

Self-determined learning

Students as co-curators of knowledge



PARAGOGY

Peer-oriented learning

Students learn with and from each other as fellow learners



CYBERGOGY

Virtual-based learning

Students learn through the use of technology



Learning without lectures



Evaluation without examinations



Future jobs



Industry & Academia are one



Humanity



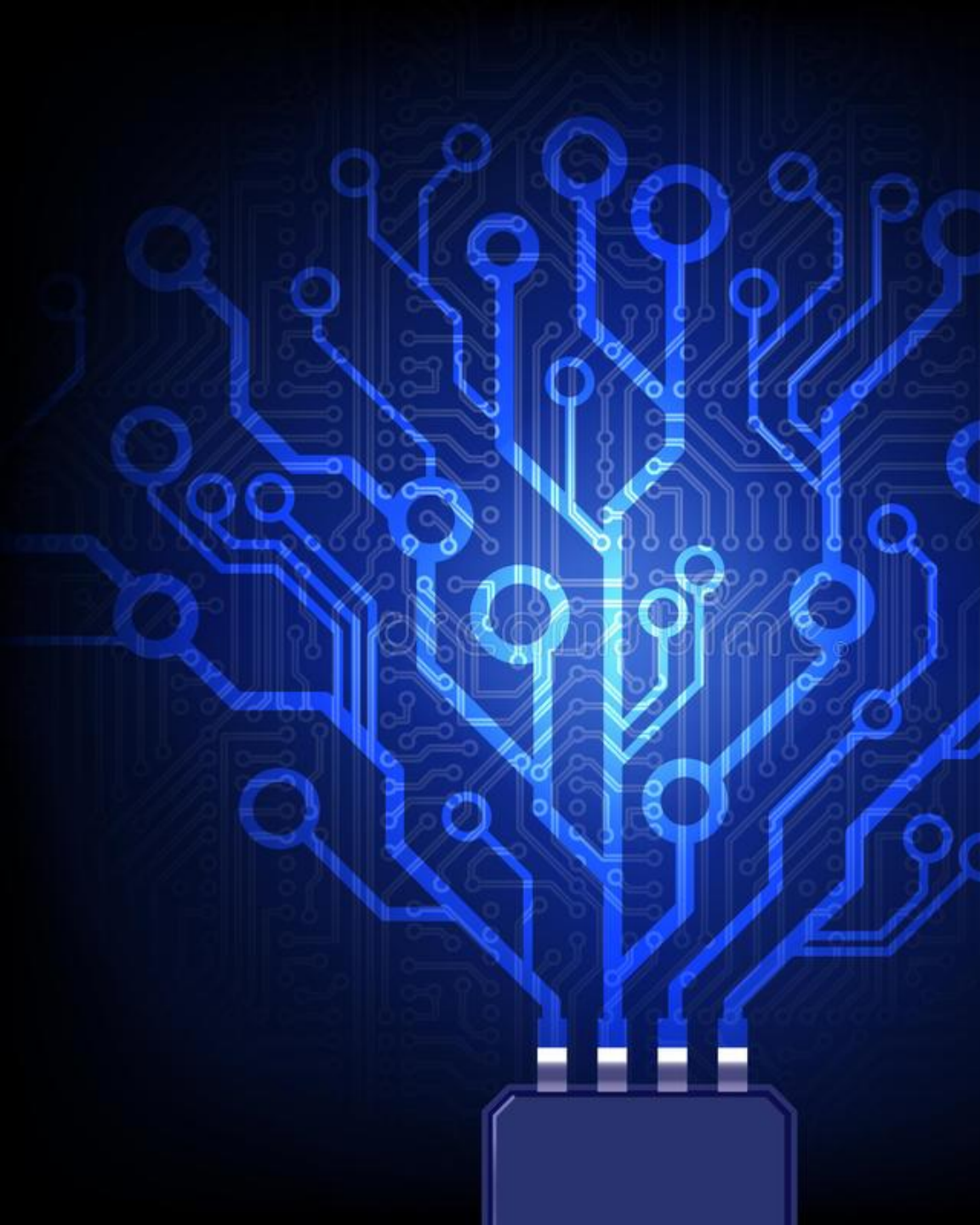
MINISTRY OF HIGHER EDUCATION



Higher Education
TODAY

For more info, visit: news.mohe.gov.my

We need to be more assertive in all our core businesses. Let's fortify our ecosystem so as to enable the nourishing of talented and brilliant minds.



In the mean time, please do not forget the reason why we place KNOWLEGDE at the pedestal – to remember our Maker and to be grateful for all that we have been given

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Insyallah, we – UniMAP - will soar high



UniMAP

**UNIVERSITI
MALAYSIA
PERLIS**



FIRMLY GROUNDED, SOARING HIGH

...for all humanity



UNIVERSITI
MALAYSIA
PERLIS

2025

Thank You