



SOARING
UPWARDS
CREATING OPPORTUNITIES FOR ALL



UNIVERSITY
OF MALAYA



VICE CHANCELLOR **MESSAGE** 2017



Assalamu'alaikum warahmatullahi wabarakatuh and greetings I wish to everyone.

First and foremost, all praise be to Allah the Almighty and to the holy Prophet Muhammad (Peace Be Upon Him). I am thankful that by the grace of Allah, we are gathered here on this glorious afternoon in this ceremony to convey the new year message of the Vice Chancellor. I believe it is still not too late in wishing a **HAPPY NEW YEAR** to all present here today.

It is my fervent wish that this gathering will help in reinforcing and enhancing even greater unity and solidarity among us and together we forge ahead to face whatever challenges that the future may bring. My heartfelt gratitude to all loyal campus community who have performed admirably and given me your undivided support and relentless dedication in accomplishing and executing the multitude of activities on the University's agenda. Your dedication can only be justly rewarded by God Almighty.

2016 has come to a close...



Throughout this period, we weathered some good and bad times, happy and unhappy times which made us more mature in managing the university. Alhamdulillah, through the blessing of God and your full commitment and unflinching support all obstacles and challenges were overcome. I hereby take this opportunity to express my gratitude to the University's Board of Directors especially to the former Chairman, the honourable **Tan Sri Dato' Seri Utama Arshad Ayub**. I am also grateful to the University's

top management and all of UM's community including students who have pledged their unwavering support and made valuable contributions to our beloved university. My hope is that the success which we have achieved thus far will further motivate us to face the challenges in 2017 and create even more milestones that we can be proud of.

Y.Bhg Tan Sri Dato' Seri Utama Arshad Ayub



In 2016, the University of Malaya faced a tough setback when it received the highest monetary cut in its allocation from the government among all the other public universities. Despite this, we continued to fulfil our planned agenda by utilising the given financial allocation and with help from our very own internal sources. Alhamdulillah, last year, the University of Malaya succeeded in increasing its world ranking from **146**

to **133**. Moreover, among Asian countries, our position improved to number **27** for this year, while in terms of overall subjects, *Development Studies* achieved a **position of 30th highest** in the world, coupled with the fact that for the subject of **engineering - electrical and electronic**, we are **37th highest** in the world ranking.



**MALAYSIA
PUBLIC
UNIVERSITY**

**PUBLIC
UNIVERSITY
TO BE ISO
CERTIFIED
IN MALAYSIA**

**TEACHING
HOSPITAL
IN MALAYSIA**

The university is nothing without its **STUDENTS**. In order to uphold UM's prime objective which is to give birth to students who are holistic and competitive, the Students Affairs and the Alumni (or also known as HEPA) division continue to greatly facilitate and aid students in their day-to-day living on the university's campus. HEPA, in its efforts to monitor and support needy students have undertaken several initiatives; to distribute 'zakat', and offer financial aid in the form of scholarships and student loans to deserving students.

The creation of the Consortium of Residential Colleges has the objective of incorporating the element of esprit de corp, a move to give rise to **a spirit of strong bonding and cooperation** among students. This has greatly benefitted students through the increased improvement in the quality of the campus environment.



Through this consortium also, the residential colleges will undergo an upgrading of facilities, with the express aim of improving the welfare of students.

Furthermore, the well-being of disabled students and staff will continue to receive close attention and consideration. The implementation of the *UM Accessibility Map* will realise its Phase 2 this year.

Alhamdulillah, additionally, the *ASEAN University Network (AUN)* has selected the Faculty of Built Environment to become a member of the **ASEAN Disability and Inclusive Policy Thematic Network**. Through this network, the **NIPPON FOUNDATION** has allocated **RM4.8 million** for a period of 5 years to be made available to deserving disabled students and staff. In 2016, 5 disabled students of INPUMA received scholarships and successfully completed their studies, while 3 others are still undergoing their studies. Besides offering scholarships, the funds from the NIPPON FOUNDATION will be utilised to finance research entitled ***Making People with Disabilities (PWDs) in Agricultural Development:***



Best Practices of ASEAN Countries. This research involves the participation of 2 of UM's disabled staff, namely **Associate Prof Dr Naziaty Mohd Yaacob from the Faculty of Built Environment and Cik Yuhanis Adnan from the Sports Centre**, along with researchers from 6 ASEAN universities who are also members of AUN. It is hoped that this effort will bring untold benefits to the disabled in the future.



RM4.8M
FOR A PERIOD OF 5 YEARS

It cannot be denied that the mark of an excellent student is not only through his or her excellent academic achievement but also through excellent personality development and involvement in the non-academic aspects of a student's life.

In 2016, as many as 1200 activities were organised by the students of the University of Malaya. There were many notable successes that were achieved, be it at the national level or the international level. Among others is the achievement of **MUHAMMAD FATHI MARZUKI**, a student from the Science faculty who was awarded the Best Leader in the Volunteerism Programme (**Anugerah Pemimpin Programme Kesukarelawan Terbaik 2016**) by the Ministry of Higher Education (MOHE), through his participation in the Cambodian International Humanitarian Aid Mission as well as in *Volunteer Explorace*.

While **CHEAH JEANNE** from the Faculty of Languages and Linguistics won the top prize in the *Hachioji City 23 Universities Japanese Speech Contest for Foreign Students* competition and **VINODHAN**



A/L KUPPUSAMY and a group of students from the Law Faculty emerged champions at the *ICRC International Humanitarian Law Mooting Competition 2016*.

In early 2017, we proudly welcomed our first victory

for the new year through **DHESEGAN A/L BALA KRISHNAN**, a student from the Science Faculty, who won the Bank Negara Elocution contest 2017 in the English Language category.

Here, I am also proud to share the victory of UM students from the Tuanku Bahiyah Residential College, who successfully gained a place in the Malaysia Book of Records (MBR) when they participated in a run known as '**Programme Larian Gegar UM 2016**'. This event is described as unique as it recorded the highest number of participants totaling 1,319 and all participants ran in either traditional batik sarongs or the 'pelikat' [men's sarong]. This clearly reflects students'

creativity thought coupled by the clever incorporation of the traditional cultural element in the event which successfully attracted public attention.

These victories achieved by UM students in various areas through the various events have made us proud. My great hope is that even more fantastic successes will be achieved for the nation when students eventually embark into the working world.

In truth, there are many activities that students can undertake to transform the campus environment especially on weekends. As an example, I would like to bring to your attention the SUKMUM event that was organized recently where the scheduling of games was shifted to the weekend instead of the week days. This move allowed the participation and involvement of even more students in the events offered during SUKMUM. **Well done to all involved!**



1,319
PARTICIPANTS
MALAYSIA
BOOK OF RECORDS





"Caring from the Heart"



As I have always emphasized, the campus community must look outside itself to the reality of life out there and not be too inward-looking. There is a need to interact with the society at large and to conduct much needed and relevant research with the express objective of developing a harmonious relationship with the public community through the solving of any problems faced by the locals that form the surrounding society. This effort will support the nation in upholding the continued passage of the nation and its people to greater heights.

In view of maintaining close rapport and relationship between the campus community and the public, **46 research projects** have been undertaken by the university that take into account the participation from the local and surrounding community. Among them is the project which is ***"Training of Health Workers In Addiction Rehabilitation Programme at the Darul Makmur Medical Centre (DMMC)"***. The objective of this programme is to organize clinical training in the treatment of addiction through the application of medical as well as psychosocial approaches.

This has impacted positively on the surrounding community through the establishment of a centre in Kuantan, for the treatment of addiction which has, to an extent, successfully reduced the addiction problem amongst new and recurring cases.

In its bid to support MOHE's objective to achieve 60% enrolment of students in the fields of Science, Technology, Engineering and Mathematics or STEM, the University of Malaya has implemented another *Knowledge Transfer Programme (KTP)*. The "*Early Engineering Programme: Training of Trainers (TOT) for Primary School STEM teachers*" is headed by **Dr ROSE AMNAH ABDUL RAUF** from the Faculty of Education. The objective is to upgrade the pedagogical skills of STEM teachers at primary school level as well as to share expertise and findings from research done in the field. This will help to improve the quality of the teaching and learning of science in schools. At the same time, it has the objective of improving the achievement and interest among students towards the science subject through the introduction of new approaches in learning



which in turn will upgrade the teaching skills of teachers.

It is my fervent hope that even more academic members will come forward to collaborate and cooperate with schools around UM and organize trips to bring in students to lecture halls and laboratories with the objective of exposing students to the world of higher learning in higher institutions and to spark their interest and participation especially in subjects related to STEM.

In all, there have been many such projects undertaken by the campus community that are just too numerous to list here. I am extremely proud of these marvellous efforts that are so beneficial not only to the individuals involved but also to the university as a whole; and more importantly, the nation and society at large stand to gain from these undertakings. **Once again, well done to all involved!**



Program Early Engineering Training of Trainers (TOT) for Teachers

60%

ENROLMEN OF STUDENTS IN THE FIELDS OF SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS

As the first ever teaching hospital in Malaysia, the **UM Medical Centre** or formerly known as 'University Hospital' or UH, is always committed to striving for excellence in order to maintain its premier role as the Pioneer in Medical Teaching. Although minimal physical changes were made in 2016, the main focus of our effort was on improving and upgrading the services

offered at **UM Medical Centre** because the satisfaction and comfort of clients is of paramount importance to us.

On 27 October 2016, the Diagnostic Laboratory Services Unit at the UM Medical Centre officially became the first laboratory of its kind in Malaysia that is equipped with the **longest Automated Track System**. With this

system, **the duration of samples being processed in the laboratory is shortened, the accuracy of tests is maximized and the efficiency of the disposal of laboratory waste materials is increased.**



Diagnostic Laboratory Services Unit - Track Automation System



On 9 October 2016, the UM Medical Centre was recognized as the first medical centre in Malaysia that offers the procedure known as **the Intra-Operative Radiotherapy for the early treatment of breast cancer**. In fact, UM Medical Centre remains one of the few hospitals in Southeast Asia that offers such treatment. This sophisticated technology enables the clinical oncologist and medical physicist to ascertain the size of cancer cells thereby accurately

deciding on the most suitable radiation level to use. This ensures **that the patient is exposed to the lowest possible level of radiation as well as shorten the duration of treatment that the patient must undergo.**

This treatment method remains **the alternative of choice** and women are encouraged to undergo early breast cancer detection and treatment, which will indirectly result in a **higher quality of life** eventually for those affected.

Radiotherapy Intra - Operative



To further facilitate in the recovery and rehabilitation process of a patient, the UM Medical Centre's **Department of Rehabilitative Medicine** also offers the **latest and most comprehensive intensive recovery treatment** for patients that have sustained injury to any part of their body. With the strength of 200 rehabilitative therapists and occupational therapists, the UM Medical Centre is set to **become the first teaching hospital that possesses the**

most numerous trained personnel, offers the most intensive treatment and owns the best equipment available. The complete set of facilities along with the conducive environment is the mainstay of this department. This important information needs to be promoted far and wide to those who are in dire need of such facilities and services so that they may avail themselves of the services and gain the benefits from the quality treatment offered as soon as possible.

Rehabilitation Medicine

>200
REHABILITATIVE THERAPISTS
AND OCCUPATIONAL THERAPISTS

UM STAF MEDICAL EXPENSES

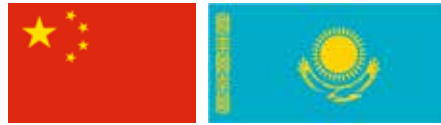


The University of Malaya spent RM8.9 million on medical costs for its staff in 2014 and this amount increased to RM9 million in 2015. As a medical practitioner, I view this increase very seriously. In order to aid the campus community to identify their wellness level as early as possible and to monitor illness appropriately, the wellness programme was introduced in 2008. This programme helps and guides staff to follow a healthy lifestyle and reduce the dependence on drugs to stay healthy. I call on the campus community to

carry out a healthy lifestyle and to utilise the Wellness Programme as a platform to monitor and maintain health and to acquire early medical treatment when the need arises.

As a way to value the contribution and hard work of UM staff, the management of the UM Medical Centre has reserved a special ward exclusively for the campus community to use. It is my wish that a facility such as this will enable staff to enjoy the best treatment from our medical experts. Well done, UM Medical Centre!

In order to ensure that the quality of teaching and learning remains our main focus, the University is in the process of implementing via the TNC (A & A) portfolio, various agendas which revolve around strengthening the academic entity through the establishment of the Institute of Academic Advancement. Its objective is to introduce not only academic programmes but also to equip academic members with appropriate training so as the dissemination of knowledge to students is of high quality, up-to-date and in line with international standards.



Australian National University



Hong Kong University of Science & Technology



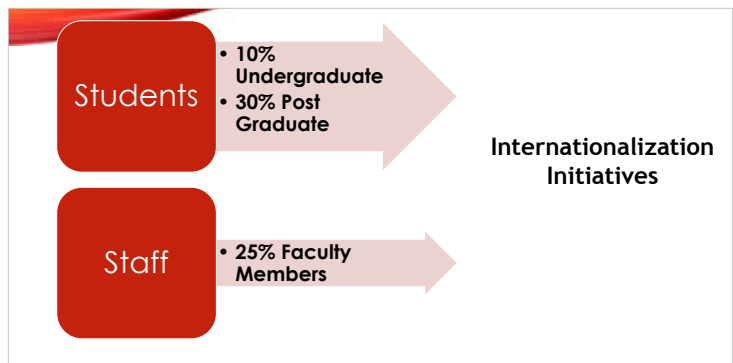
KYOTO UNIVERSITY



Universiteit Antwerpen

We are also in the midst of collaborating with several foreign universities such as the Guangxi University of Foreign Languages and the Guangxi University of Nationalities from China to promote an academic programme which will allow more Chinese students to study in the University of Malaya. A series of discussions is also ongoing with the Kazakhstan Embassy with the objective of acquiring potential Kazakhstan students to study here in UM. This is in line with our effort to achieve the internationalization criteria needed for ranking purposes.

With this in mind, I would like to urge all



Deans and Directors to cooperate and to ensure that international students make up 10% of the total number of undergraduates while 30% comprises international postgraduate students out of the total postgraduate student population. I would

also like Deans and Directors to identify the potential international academic staff to recruit in order to fulfil the criteria of 25% of the overall number of the university's academic staff be comprised of international staff.

In order to fulfil the objectives of the Malaysian Educational Development Plan for higher education, (Third Spurt), the University is fully committed in providing access to any members of society who are interested in pursuing lifelong learning through the University of Malaya Centre for Continuing Education (UMCCed). Alhamdulillah, in 2016, as many as 6 programmes offered by UMCCed obtained **full accreditation from MQA** and **received acknowledgment and approval from MOHE**.

Moreover, it is my pleasure to announce that in 2016 last year, UMCCed had generously contributed a sum of RM5 million towards the Vice Chancellor Research Fund, a sum which will definitely benefit us immensely. We give our heartfelt thanks indeed to UMCCed!

UMCCed will continue to be one of our sources of funds apart from numerous other sources in UM such as UMSC, UM Holdings and UPUM.



Executive Diploma in Management (Administration and Operations)

Executive Diploma in Management (Human Resource)

Executive Diploma in Management (Business)

Executive Diploma in Early Childhood Education

Executive Diploma in Counselling

Executive Diploma in Accounting Administration



In answering the call made by our Honourable Minister via his theme, Redesigning Higher Education, it is imperative that detailed and thorough research be undertaken before the university can initiate the **Accreditation of Prior Experiential Learning (or APEL)** initiative for the purpose of promoting and enculturating the concept of life-long learning. I would appreciate if TNC (A&A) will initiate and look into this aspect.



**Accreditation of
Prior Experiential
Learning**

For **High Impact Research (HIR)** projects in which the first cycle began in 2011, government funds were disbursed and utilised completely in June 2016. This project more than achieved the targeted 3,400 Tier 1 publications as we successfully produced **3,623 Tier 1 publications or 106.65%** in 2016.

Through HIR, we have been and still are, in the process of training 4,503 personnel including Research Assistants and Senior Researchers both locally and from overseas. Out of this total, 1,200 comprised postgraduate students studying full time, whereby out of this number,

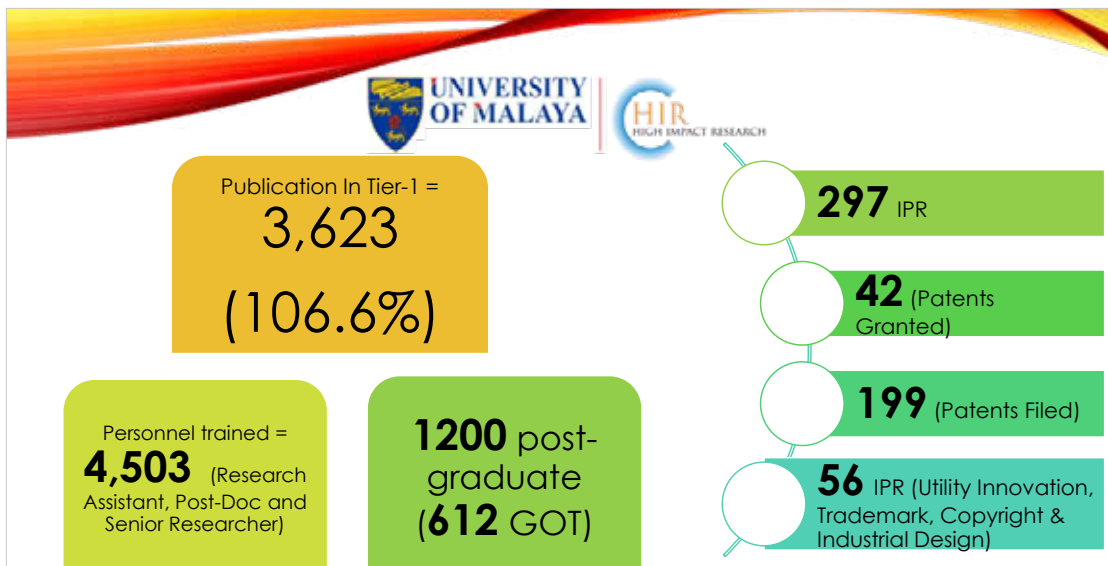
612 had successfully obtained their degrees.

UM has also succeeded in producing 297 IPR which have been filed. Out of the total, 42 were granted patents, 199 were patents filed and the rest were in the forms of *utility innovation, trademark, copyright and industrial design*.

Projects that were undertaken by HIR are characterised by social innovation. One particular project which came under **Prof. Dr. Rajah Rasiah**, was utilised by the *United Nations Conference for Trade and Development*, and the *United Nations Development Programme*. Their agendas are to develop the economy

and draw up policies, such as the industrial policies, for developing countries. I believe social innovations will see an increase resulting from such research at UM.

It is to be noted that HIR projects contribute to the **quadruple helix model** and impacts significantly and positively on all aspects of society and people from all walks of life. It indirectly gives a value-added effect on the development of social innovation to the Malaysian society.



This evening I would like to share some high impact and innovative research outputs which will contribute to the improvement in the quality of people's lives. One notable example is the **Green House Project**, which was undertaken by **Assoc. Prof. Dr Ubagaram J. Alengaram**. As a result of this research project which is based on *community engagement*, a low-cost house using green technology, that is, using industrial waste materials consisting of palm oil fuel ash, rice husk ash and coal bottom ash was created. These materials replaced the use of concrete-based materials and the house cost below RM20,000. The prototype was successfully built through collaboration between the Engineering Faculty of UM and Vinci Construction, a French based company. This collaboration has offered a cheaper alternative to those who need to buy a home but have limited financial resources.

Green House Project



In terms of research credibility, the University of Malaya continues to garner trust from the industry and this is evident from the fact that more and more local and international industries have shown keen interest in collaborating with us. One case in point is the cooperation between **UM and Osram**. Through High Impact Research, the cooperation between the distinguished nobel laureate team from the University of California at Santa Barbara and CREST was realised. This LRGs grant funded project of RM3.5 million has witnessed the involvement of OSRAM in 4 advanced LED projects and resulted in the investment of human capital at postgraduate level (Masters and PhD) who will eventually be absorbed to work with Osram. Through this project, CREST obtained financial aid of RM3 million towards the purchase of equipment and upgrading of facilities at the Low Dimensional Materials Research Centre (LDMRC).

LED Technology

OSRAM



At the end of 2016, another success was recorded by the University of Malaya through collaboration with the Faculty of Engineering and 5 well-known industries. The first ever industrial laboratory in Malaysia was established known as **engineering@UM Industrial Innovation Centre (eUM-IIC)**. This research collaboration is to manufacture products estimated at RM400 million over a 5-year period. This involves the production of high end products, patent and intellectual property through the utilization of laboratory equipment worth RM230 million. The University of Malaya records its utmost gratitude to these 5 industries, namely **Daikin Malaysia Pte. Ltd., Ossur, Rohde Schwarz Pte. Ltd., Motorola Solution Malaysia and Proton Holdings Ltd.**

**WELL DONE TO THE
DEAN OF THE FACULTY OF
ENGINEERING!**



*engineering@
UM Industrial
Innovation
Center (eUM-IIC)*





Alhamdulillah, as a start to 2017, yesterday we received another good news that is the Faculty of Science has been successful in securing a grant under the **Erasmus+ Programme** which is **worth RM 4.8 million** through the *partnership agreement*. **CONGRATULATIONS** to the researchers involved, **Professors Dr Ramesh Subramaniam and Dr Ramesh Kasi** from the Physics

Department of the Faculty of Science. I hope that this success will ignite the spirit among other researchers to bring in more funds to finance our research activities.

**WELL DONE TO THE
DEAN OF THE FACULTY OF
SCIENCE!**

UM & ERAMUS+ Program

FACULTY OF SCIENCE RECEIVED
RM4.8M
GRANT ERAMUS+ PROGRAMME

The increase in the number of products

produced and commercialised through the UM-Spin Off Company indicates that UM is able to add to the national asset with products produced and at the same time contribute to the financial sustainability of the University.

The UM-owned company that is **Flexilicate Sdn Bhd** - which has won the *Rice Bowl Award as The University Start-up of the Year* has been able to market their researched product last year with profits of up to RM100,000.00. Even though the amount is small, it looks very promising for a new start-up company. Last year too, Flexilicate succeeded in securing the **Newton-Ungku Omar grant** for the purpose of developing the dengue chip.

I am proud to wish **CONGRATULATIONS** to the figure behind the success of this endeavour who is not only a researcher and a committed academician, but also a member of the top management of UM. He is none other than **Professor Dr. Faisal Rafiq Mahamd Adikan, the Deputy Vice Chancellor of Development.** We wish

that his success will be an impetus for more campus community to come forward as entrepreneurs of the University.

Flexilicate Sdn Bhd

RM100,000
PRODUCT RESEARCHED
MARKETING PROFIT





In addition, the company **Zectron Pte. Ltd.,** registered a sales revenue of RM849,000 last year. This was accomplished when a group of researchers from the *Centre of Advanced Manufacturing and Materials Processing (AMMP CENTRE)* produced a product specially designed to simulate the change in temperature of the surroundings of a sample. The product named **Automatic Thermocyclic Dipping**

Machine (ATDM) was developed with the full use of engineering expertise taking into account various aspects including cost, time, the ability of the manufacturing process, the market component, ergonomics and ability of installation. It is sold at a price of from RM100,000 to RM292,000 according to type and client requirements.

Automatic Thermocyclic Dipping Machine (ATDM)

RM849,000
SALES REVENUE



In nurturing research and teaching at the University, **the library** plays a role through the provision of facilities and current information resource services. Even though in this current era, various information is so easily accessible at our fingertips, the role of the Library remains relevant. Various efforts have been undertaken to enable the UM community to get access to required source of information. In conjunction with the establishment of 111 years of UM, the UM Library has succeeded in creating another landmark for UM with the launch of the UM Archives on June 1, 2016. The UM Archives is a repository for all UM staffs' works as well as documents and artifacts about UM. I would like to call upon all campus community to take full advantage of the existence

of the UM Archives for more appreciation of the story behind the University and of its community. Even in today's era of a borderless world, where all information is easily accessible at the fingertips, the library continues to be a destination for lovers of knowledge who are significant to an ivory tower. In the year 2017, I would like to see the University of Malaya library being more active in providing access, in particular, to the general public to explore knowledge by using the various services provided. We must popularise the treasures of knowledge available in supporting the aspirations of producing a knowledgeable society.



**Launching of the Archive
University of Malaya**



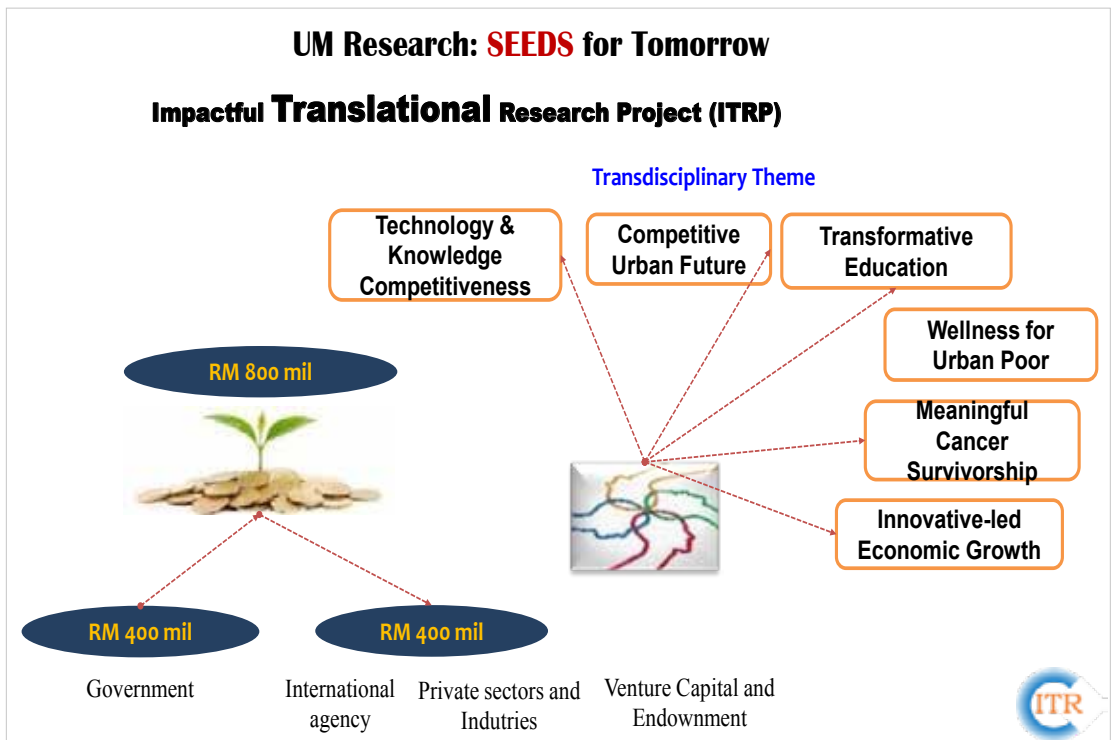
To make the University a University of choice and influence at the global level, we cannot run away from ratings at an international level. The Honourable Minister of Higher Education in his message on 12 January 2017 stated that by 2025 two universities including the University of Malaya have been targeted to be in the world's 100 best Universities at the QS World University Ranking. Although the target of the Ministry of Higher Education (MOHE) is 2025, UM is committed to achieving the target in 2020. This year we



are also ready to participate in the **Times Higher Education World University Rankings (THE)**. All this is already stated in the strategic plan of the University for the Years 2016-2020.

As a research University, efforts should continue to fuel further research activities. Therefore, for the next five (5) years, we will be emphasising on the **Impactful Translational Research Project (ITRP)** that constitutes a continuation of the High Impact Research. 6 themes have been identified which are *Meaningful Cancer Survivorship, Wellness for Urban Poor, Innovation-led Economic Growth, Transformative Education, Competitive Urban Future and Technology Knowledge Competitiveness*.

To implement the ITRP we need at least **RM800 million** where RM400 million will come from Government funds while the remaining RM400 million will be matched by grants from external funds. It is an enormous sum but I believe its impact will also be great especially to the university and the communities out there. In this regard, I urge all Deans and Directors including the Dean of Cluster to work hard to get research grants from either industries or organisations both local and international.



As a result of the launch of engineering @ *UM-Industrial Innovation Centre* which involves big names in the industry, in the year 2017, we are set to witness UM further spreading its wings by forging collaboration with a variety of other industries. Currently, studies are being carried out by the Faculty of Engineering, in collaboration with RWTH Archen Univ, Germany to enable the upgrade of the centre as "**Research Factories**"

through the German-Malaysian cooperation. This model of cooperation between German-Malaysian industries (Germany-Malaysia collaboration) through BMBF (German Funding) is to develop a new model known as 'research' factories at the Faculty of Engineering, UM.

In the second quarter of the year 2017, we will be launching the **UM Innovation Incubator** which is equipped with

these facilities; makers space, Life science accelerator and Incubator IOT. In addition, initiatives to develop **UM Planet** as a world-class *University Research Park* will also be started. This will be a landmark national innovation which will accelerate the country into a dynamic platform for exposing students to the realities of the industry. I welcome industry partners or corporate institutions to come forward to assist the University in realizing this project.



The public is aware of the current economic scenario in the world and its uncertainty, which also affects the growth of the Malaysian economy and indirectly impacts all parties including the University of Malaya. We must accept the fact that 2017 will be extremely challenging for us.

To face such bitter challenges, we can no longer moan because I am sure there is still light at the end of the tunnel that will help us to continue the University's agenda. In the year 2016, I hinted that UM's challenges have yet to end. I have also asked all parties to jointly contribute ideas particularly to assist the University to generate income so that the agenda that we have collated

will be implemented as planned.

To ensure the sustainability of University Malaya, its initiative the **UM Master Plan**, has been mobilized since the year 2015. UM welcomes staff involvement through the *UM Master Plan* competition which was held recently. We have provided opportunities for the University community to customize a design concept that will make UM a sustainable 21st century campus and next appear as a leading research institution internationally. Here I request that all campus community cast their vote so that the future design of the University will become more meaningful

with the involvement of all its community from all levels.

To support the aspirations and initiatives of a sustainable campus which is holistic across discipline and field of knowledge, **UM Eco-Campus Blueprint** was approved by the University management recently. This is an effort to establish management of environmental preservation and conservation practices at the University of Malaya.

UM ECO-CAMPUS BLUEPRINT



Notwithstanding the financial constraints, the University development will still continue. Several projects have been identified to begin in 2017.

Among them, the University of Malaya will start the process of redevelopment of the plots of land in its possession through the concept of smart partnership and concessions with the private sector or **Built Operate Transfer Revenue (BOTR)**. Redevelopment of the UM land is to enable it to generate the local economy and in turn enable UM to receive competitive returns for every acre developed. For example, the redevelopment of Lorong Jambatan and the construction of an artificial turf is expected to bring a return

of between RM3 million and RM4 million.

Manifold income generation is hopefully available when the UM Squash Complex worth over RM1 million is completed in 2017. This project was developed with the advice of the **Squash Racquets Association of Malaysia** (SRAM) and financing from RMK11, according to UM's desire to continue to play a role in advocating a holistic development for youth, in particular, UM students and the local community.

The University's expertise in developing online services continue to be in force, where, this year we have started generating income through the IT technology developed

as a bidding system for vendors (*eprocurement*), online data system expertise (UMEXPERT), and online teaching system (UM Spectrum).

To solve the water problem faced by the campus community, especially in the residential colleges, in 2016 we have built a water tank with a capacity of 2 million litres for the use of the campus community. Our hope is that this new tank will reduce the stress faced by campus community, especially students when facing shortage of water supply.



I would like to remind all of you once again, what I stated in my message in 2016 which is **“Doing More With Less.”**

I would like to take an example which is the simplest to understand. Have you ever heard of the **Labyrinth Maze 111** which has been in existence at the University of Malaya since the beginning of 2016?

Why do I associate this project with *Doing More With Less*?

The labyrinth maze 111 is a project that stemmed from the cooperation between a team of researchers related to the field of Neuroscience and Memory Capacity of the Faculty of Medicine, University of Malaya and the Department of Development and Maintenance of Property. It uses used wood and doors. With the use of UM experts, the maze that has been built can be configured for researchers to evaluate the ability of memory and observation of space. This low-cost project has now become a unique attraction in University Malaya that has brought about an impact in the branding and involvement

of local communities in the activities of the campus. The maze is very unique, because in addition to being used for research purposes, it also provides recreational benefits to the public.

The University has already become an invaluable brand. Through this branding, it is easy for us to attract funds from foreign contributors to the University using the advantages and uniqueness that we have. The spaces and facilities that we have can also

open up a lot of opportunities for us to generate income, coupled with its community with their expertise in various fields. Wouldn't it be beneficial if we could take this opportunity to bring returns to University without requiring a lot of capital. Seminars, conferences, workshops and training using our existing resources can surely provide many advantages for us.



⋮ **Labyrinth 111 Maze**

I want to share these words for our collective reflection:

“Those who look for seashells will find seashells, but those who open seashells will find pearls”

It is not easy to achieve success as it requires strong commitment and continuous and unrelenting efforts. Do not easily give up, convert the challenges into strength. Indeed, we are all challenges and we are also strength. We cannot rest on our laurels and be comfortable with the many successes and achievements of the past. We need to continue to focus on the development of the University through the implementation of high-impact agendas and sustainability which is capable of driving UM to excellence.

As we hasten to implement the agenda for income generation, I would like to call upon all to adopt austerity measures. Austerity initiatives and optimizing the usage of existing resources that we have previously utilised shall be continued. I want every Dean, Director and Head of Centres of Responsibility (CoRs) to target savings of 10% for this year.

The implementation of the austerity measures undertaken will be monitored directly by the Registrar.

In any University, the ALUMNI are a strength that becomes the backbone of an institution. As I have emphasised time and time again, we have to trace and encourage our alumni to return to their alma mater to contribute. Here the role of the Deans and Directors is very important that is to work with the DVC of the Student Affairs and Alumni Division

(HEPA) and the Institutional Advancement Centre (IAC). Implement programmes involving our alumni like the one carried out by the Student Affairs Division last year that is the Homecoming Carnival Programme which successfully collected donations worth RM150,000.00. Such programmes should be the impetus to other programmes that I’m sure will be greater and have bigger impact on the University.



..... **Homecoming Carnival**

Last year, the management of the University approved the establishment of the Educational Endowment or UM 'Awqaf' in order to obtain funds from outsiders. Various activities have been planned and will be implemented as soon as we receive approval from the Federal Territory Islamic Religious Council. I need the support of all parties in our efforts to raise 'waqaf' funds from individuals or corporate institutions out there.

Recently I have also asked for the creation of a Business Unit in the Bursary Department to think, strategize and implement income generation activities for the sake of the financial sustainability of the University. I have also asked the Financial Controller to proclaim to the University's Muslims staff that they could pay their 'zakat' via salary deduction. Here UM has been given the mandate to be the 'amil' to carry out zakat collection among staff. I also welcome any staff who wishes to VOLUNTARILY contribute part of their salary to the University by means of salary deduction.

In our eagerness to carry out our duties and

responsibilities to meet the KPI and the aspirations of the University, I would like to remind you of the 10 core values, which are the strength and the pillar of University of Malaya. The current economic scenario that is caused by a wide range of issues such as the lack of budget distribution caused by the global economic conditions, advances in information technology, and

Therefore, I call upon all to adopt a positive attitude full of integrity in their respective responsibilities. Remember that although we may escape judgement in the physical world, but not in the Court of the Almighty. Let us together promote INTEGRITY in every respect so that we are blessed in this life and in the hereafter.

INTEGRITY

is doing the right thing, even when no one is watching.

security threats within and outside the country, have opened more challenges for us. Therefore, we need to be clever in making adjustments in carrying out our work, activities and functions for the purpose of survival. Monitoring and control over leakages of information and finance will be very important and the achievement of the University's objectives need to take into account all these concerns.

I have shared a wide range of successes for the year 2016 and emphasized the direction for the University for the year 2017. Efforts to realize the aspirations and ambitions of this require the cooperation and consensus of all its community. None of the agendas can be achieved alone; thus, I need you all to be alongside me and the University management to carry out the respective agendas, regardless of your grade or position in this organization. Let us put UM at the pinnacle of glory.

I realise that lately many issues have been raised in the mass media about the financial challenges faced by the University. I would like to share that the Government has given its assurance and commitment that the provisions for staff emoluments shall not be affected. On behalf of the community of the University I would like to express my THANKS to the Government for the concern that has been shown.

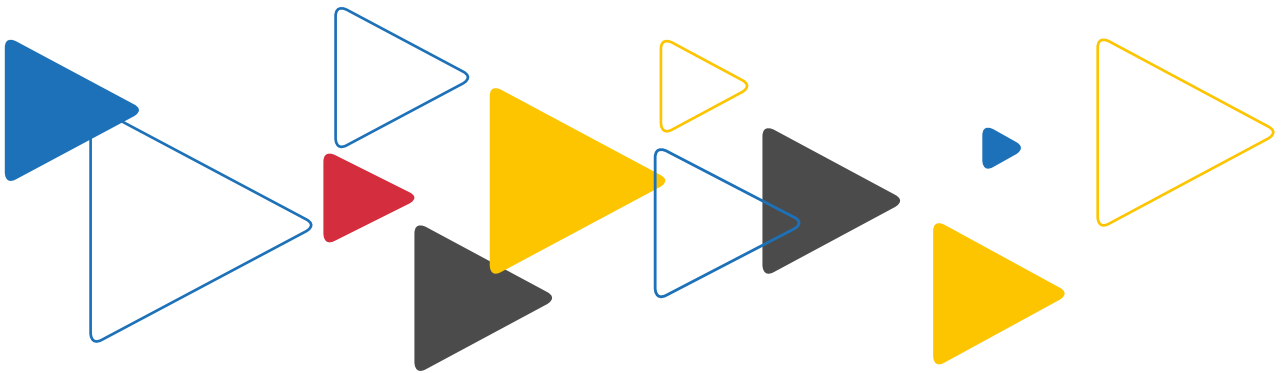
Before I end this speech, I would like to take this opportunity to express my sincere appreciation to all staff of the University; in particular, the management and professional group and

also the support groups. Regardless of your post, (Administrative Assistant, Operations Assistant, General worker, Assistant Engineer, Assistant Registrar, Librarian, etc.), and no matter where you work, you have all contributed to UM. All of you are the heart of UM. Although there was no specific mention of this group in my speech, I recognize the contributions of all of you sincerely in my heart. May we all continue to be united and work with full dedication for the sake of the UM we love.



*Dari Universiti Malaya ke University Harvard
Membawa harapan berkolaborasi
Semangat dibawa “Soaring Upwards”
Semoga warga UM terus bersatu hati*


*Hang Jebat Hang Kasturi
Pahlawan hebat kebanggaan bangsa
Cabaran UM belum terhenti
Namun semangat warganya tetap membara*



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