



The National Energy University

2016

ANNUAL REPORT





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Creative, Innovative & Energetic.

UNITEN
Annual Report
2016





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Vision

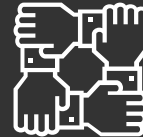
A leading global energy university that shapes a sustainable future

Mission

We strive to advance knowledge and learning experience through research and innovation that will best serve human society

Shared Values

- Customer Focus
- Integrity
- Caring • Teamwork



University in Brief

Universiti Tenaga Nasional (UNITEN) takes pride in its ability to synergise soft skills with engineering, information technology and business management knowledge to prepare professional graduates.

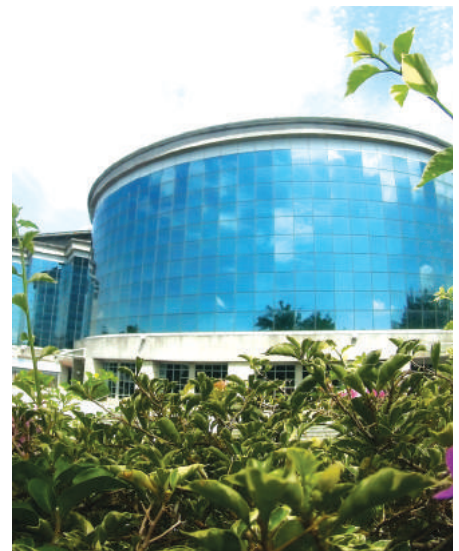
UNITEN is making a steady progress towards becoming the tertiary education institution of choice in the region. This is partly due to the state-of-the-art infrastructure available on campus coupled with world-class teaching faculties. A wholly owned university by the utility conglomerate Tenaga Nasional Berhad (TNB), UNITEN aims to emulate the parent company to become a dominant player in the tertiary education industry.

Grooming graduates who are industry-driven is what UNITEN does best. The learning environment in the university fosters creativity and independence; two premium characteristics in the development of top-class graduates. At the university, the students are constantly pushed to the limits to develop resilience and strength in characters. The courses offered help students to be more all-rounded. In this respect, the courses are designed with the advice that is highly relevant, authentic and practical from various experts from industries. All the courses offered at UNITEN are certified by the Malaysian Qualifications Agency (MQA).





UNITEN's engineering and accounting courses are recognised by governing bodies such as Board of Engineers Malaysia (BEM), the Institution of Mechanical Engineers (IMechE), the Institution of Civil Engineers (ICE), the Malaysian Institute of Accountants (MIA), the Institute of Chartered Accountants in England and Wales (ICAEW) and the Association of Chartered Certified Accountants (ACCA), among others. The total number of courses offered at UNITEN increases gradually in line with the development and demands of the industries. The high quality, practical and internationally recognised courses are delivered by dedicated courses by dedicated professionals who are experts in their respective fields with many years of research experience as well.



Chancellor



Tuan Yang Terutama
Tun Dato' Seri Utama (Dr.) Haji Abdul Rahman Bin Haji Abbas
DMK, SMN, DUPN, SPDK, DP, DMPN, DJN
Yang di-Pertua Negeri Pulau Pinang



Pro-Chancellors



Y. Bhg. Tan Sri Leo Moggie
PSM, SSAP, DA, PNBS



Y. Bhg. Tan Sri Dr. Ir. Ahmad Tajuddin Ali, FASc
PSM, SIMP, PJN, DPCM, DPMP, SJMK, JMN, AMN



Y.Bhg. Tan Sri Leo Moggie



Y.Bhg. Datuk Seri Ir. Azman Mohd



Y.Bhg. Academician Tan Sri Datuk
Ir. Dr Hj. Ahmad Zaidee Laidin, FASc



Y.Bhg. Dato' Ir. Mohd. Yusof Ibrahim, FASc



Y.Bhg. Dato' Prof. Dr. Rujhan Mustafa



Y.Bhg. Dato' Muhammad Razif
Abdul Rahman



Mr. Nazmi Othman



Y.Bhg. Dato' Roslina Zainal



Miss Norina Jamaludin
(Alternate Director to
Y.Bhg. Dato' Prof. Dr. Rujhan Mustafa)



Y.Bhg. Dato' Prof. Ir. Dr. Kamal
Nasharuddin Mustapha



Y.Bhg. Dato' Prof. Ir. Dr. Kamal
Nasharuddin Mustapha



Prof. Dr. Mohd Zamri Yusoff



Mr. Faizul Abdul Raof Faiz



Assoc. Prof. Dr. Izham Zainal Abidin



Y.Bhg. Dato' Prof. Ir. Dr. Ibrahim Hussein



Prof. Dr. Salina Daud



Assoc. Prof. Dr. Bahisham Yunus



Prof. Ir. Dr. Norashidah Md Din



Assoc. Prof. Dr. Siti Salbiah Mohd Shariff



Assoc. Prof. Dr. Zainuddin Hassan

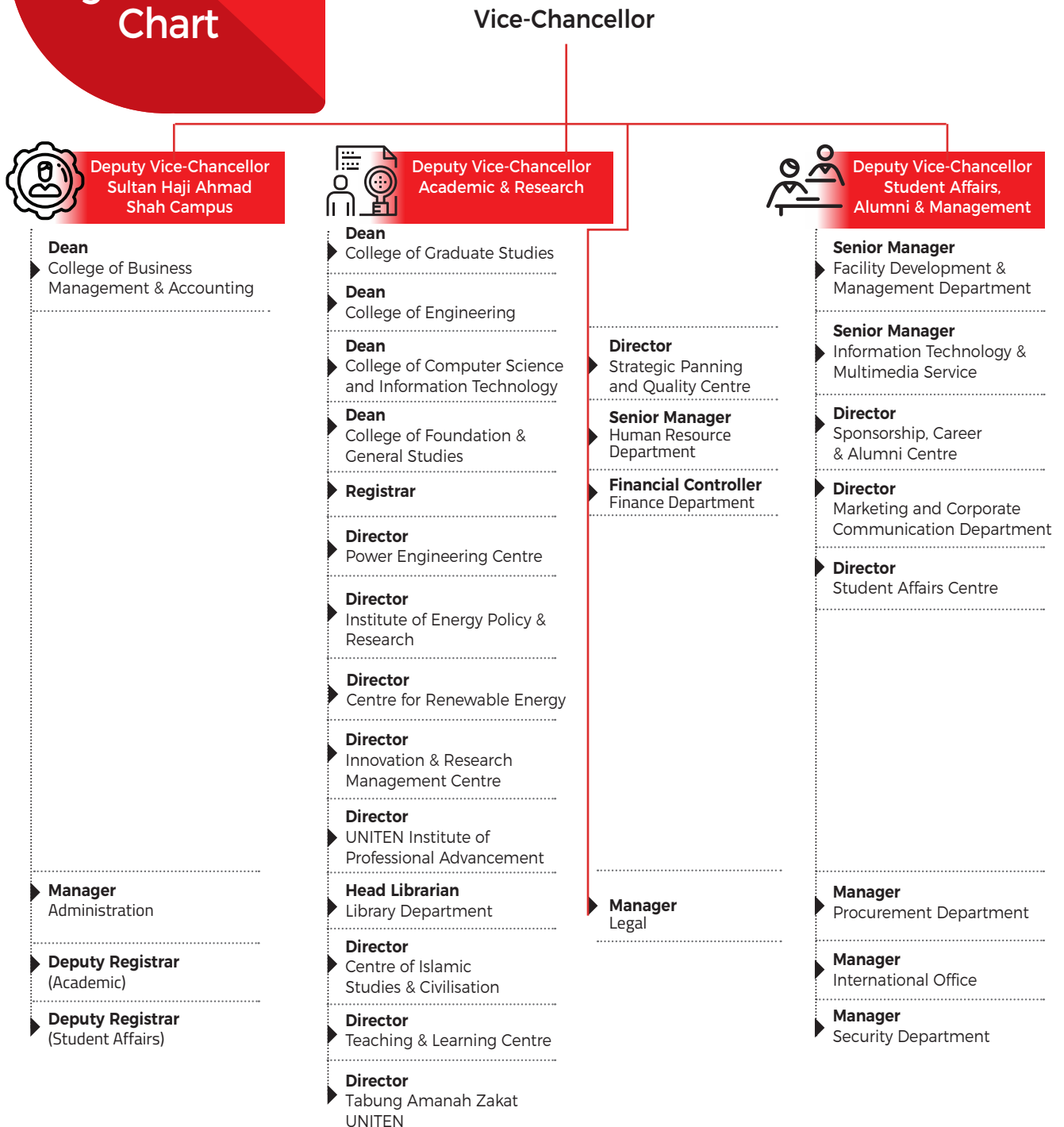


Dr. Bakhtiar Alrazi



Mrs. Fairuzana Haneem Mohamed Ali

Organisational Chart





Vice-Chancellor's Message

Soaring upwards to be a leading global energy university by 2025 has been the ultimate driver for UNITEN to strategise and leverage its strength in order to be acknowledged as one of the finest higher learning institutions at international stage. The uniqueness of UNITEN lies within its workforce with unwavering commitment in transforming this beloved institution that will best serve human society. I truly believe this kind of level of engagement would strengthen the spirit of togetherness in charting a better and brighter future for UNITEN.

Here at UNITEN, we take pride in producing holistic, entrepreneurial and balanced graduates who will be readily employable through our study programmes. According to a survey conducted by Ministry of Higher Education (MOHE), UNITEN graduates secured an overall employability rate of 97.2% in 2016, of which 3.6% of them became job-creators. Testimonies from our stakeholders have proven that our graduates are not only academically excellent but are also equipped with the necessary soft skills, values, leadership and the ability to think critically which help them to make a smooth transition into the next step of their career.

Being granted Tier-5 in SETARA, UNITEN positions itself as a globally competitive energy-focused university. SETARA measures the position of the institution in providing a world class academic, teaching and learning by MQA and MOHE. We are truly honoured to be amongst the few universities invited by MOHE





to participate in Self-Accreditation Assessment. This status is crucial as it will be a testament of a reliable quality assurance system is in place within UNITEN to systematically review our own academic programmes. Obtaining this Self-Accreditation Status implies the empowerment and more importantly the trust laid upon us by MQA to certify our own courses.

In addition, UNITEN attains 4-star for Malaysia Research Assessment (MyRA) and ranks 251-300 in QS Asian University Ranking in 2016. These results along with our continued excellence in various areas is indeed a recognition of what we in UNITEN know that we are a great university and all of us should be proud to be part of it. It is purely the sheer hard work of our staff, quality of our students, impact of our alumni and commitment of our partners which made us to rise rapidly in this ranking.

I truly believe that UNITEN has the capacity, capability and the commitment to be the top university not only in Malaysia but also in the region and at the world stage, especially in areas related to energy, targeting of being ranked Top 200 both in QS Asian University Rankings and QS World University Rankings by Subject for Electrical and Electronics Engineering by 2020 and Top 150 in the QS World University Rankings by subject for Electrical and Electronics Engineering by 2025.

Thank you for your contribution towards the continuing success of this extraordinary institution. With a vibrant campus, energetic staff and talented students, the sky is our limit. Together, we will not only look further but also soar upwards, higher than others.



Creative, Innovative & Energetic.



In the first year of the Strategic Plan, UNITEN Building Opportunities, Living Dreams (BOLD) 2025, UNITEN has now attained several significant achievements in both academic and research fields. UNITEN recorded high marketability rates of 95% to 97% for 3 consecutive years, while more than 45% graduates have successfully obtained job offers in multi-national companies and government agencies. UNITEN has also attained 4-star for MyRA 2014 - an improvement from 2-star in 2012 to 4-star in just 2 years.

In addition, UNITEN has achieved the highest enrolment of students for this financial year; 12,275 students enrolled. 1035 students enrolled into our postgraduate studies, a significant increase as compared to 850 students in the previous financial year. UNITEN is ranked 6th by Webometrics among the universities in Malaysia. Meanwhile, UNITEN is ranked 1st among the private universities. Webometrics is a platform which compiles the rankings of universities in the world and its assessment is based on the 4 main status indicators of universities: impact, presence, openness and excellence. This assessment is conducted every 6 months, i.e. in January and July each year.

UNITEN is recognised for its quality management at international and national levels through the certification of ISO 9001:2008 and Syariah MS 1900:2014 (Islamic Perspective), certified by

SIRIM for both campuses, Putrajaya and Sultan Haji Ahmad Shah Campus (KSHAS).

In 2014, UNITEN was one of the 10 higher learning institutions that received a formal offer from the Deputy Prime Minister to receive the Self-Accreditation Status. Self-Accreditation enables higher learning institution to accredit their own academic programmes. The Minister of Higher Education awarded this status to a few selected higher learning institutions which were identified to have a reliable quality assurance system.

UNITEN has also upgraded several infrastructures in the university in the effort to provide conducive learning environments for all students by providing lecture rooms which are based on Problem-Based Learning (PBL) to encourage discussions and problem solving. In addition, there are several spaces for discussions incorporating “free and easy” concept in every college built within the campus as well as an upgrade of the library which includes reading and comfortable study spaces; operating 24 hours a day. We have set up a student centre for students to have a specific space to conduct their academic as well as co-curricular activities. The food court has been upgraded in order to cater for a larger number of students as well as to provide a greater number of choices on the menu. Finally, a special lane for cycling was also set up to encourage students to cycle in the campus for a healthier lifestyle.

Besides that, UNITEN has continuously carried out various promotions in its efforts to create a positive and strong image of UNITEN. The advertisement can be found on the billboards, overhead panels and poles along “Projek Lebuhraya Utara-Selatan” (PLUS) and “Lebuhraya Pantai Timur” (LPT). Apart from that, the use of the social media applications such as Facebook, Instagram and Twitter helps in reaching out to a wider and greater audience in promoting UNITEN activities.

From November 2015 until March 2016, a collaborative transformation project of UNITEN and TNB Integrated Learning Solution (ILSAS) was implemented to set up a short and long term strategic plans. The project involved the introduction of these two entities, UNITEN and ILSAS as an Education Hub, hence escalating the rankings of UNITEN and ILSAS both at the regional and global levels. Some of the initiatives stated in BOLD 2025 Strategic Plan include:

1. Adopting Blended Learning - The introduction of a new pedagogy model which incorporates technology in teaching and learning processes. The use of technology and innovation is believed to fulfil the needs of students and enhance their learning experiences.
2. Creating an exceptional study environment - Providing a more conducive and comfortable study environment for students by providing an advanced multimedia technology and internet speed of 10 Gbps. UNITEN is in the midst of upgrading the current ICT facilities as well as the students' accommodation in accordance to the changing trend.
3. Creating new modes of industry engagement - Providing inter-industrial and strong alumni programmes, upgrading the level of skills and knowledge taught to meet the current demands of industries; catering industrial

internship placements as well as jobs and offering abundant sponsorship opportunities for students.

4. Creating world-class international faculties - It helps in establishing the reputation of UNITEN in research fields. The intake of local and international researchers could facilitate the strategy to develop local talents to excel in research.
5. Partnering with high-profile institutions - It fosters a close working relationship with other reputable and established institutions in order to elevate the reputation of UNITEN in research as well as teaching and learning fields.

This BOLD 2025 transformation project will transform UNITEN into an EduHub that will promote UNITEN locally and globally.

2016 UNITEN STATISTICS





Event Highlights

1

International Economics and Business Management Conference (IEBMC) 2015 5-6 October 2015

The 7th edition of International Economics and Business Management Conference (IEBMC) 2015 organised by the College of Business Management and Accounting (COBA) was held at Swiss-Garden Beach Resort, Kuantan, Pahang. The main purpose of this conference was to provide an opportunity for delegates to share research knowledge in the fields of economics and business management. This conference brought together researchers to share their latest research findings and brainstorm new research ideas across disciplines. It was an exclusive opportunity for researchers with cross-disciplinary interests to meet and interact.



2

Enactus Malaysia - Enactus World Cup 2015 14-16 October 2015

UNITEN KSHAS took part in the recent Enactus World Cup (EWC) 2015 that was held in Johannesburg, South Africa on 14 - 16 October 2015. This meaningful event provided a platform for the national champions to showcase their projects. 16 students and 1 faculty advisor represented UNITEN to this event. For the first time, our university had the opportunity to represent Malaysia in 2015 world cup and made it to the semifinals.



3

Memorandum of Understanding (MoU) UNITEN & University of Strathclyde 15 October 2015

The delegates from University of Strathclyde, Glasgow, Scotland spent time with our Vice-Chancellor, Y.Bhg Dato' Prof. Ir. Dr. Kamal Nasharuddin, deans of colleges and directors of centres of excellence and business units to discuss some possible future arrangements, beneficial educational and research collaboration, as well as academic exchange programmes for staff and undergraduates. The university delegates were Prof. Philip Winn, Prof. Robin Plevin and Dr. Anne Boyter. In his reply speech, Prof. Philip Winn, the Head of Institute, Strathclyde Institute of Pharmacy and Biomedical Sciences shared some research excellence and breakthrough achieved by the faculty members. Subsequently, there was a visit by the Vice-Chancellor of University of Strathclyde, Sir Jim McDonald. The meeting was concluded with a mutual agreement on both sides with regard to the future collaboration between University of Strathclyde and UNITEN.



4

UNITEN Career Fair 2015 (Putrajaya Campus) 27 October 2015

UNITEN Career Fair 2015 was successfully organised in collaboration with CareerTour. The theme of this fair was 'Student's Today, Leader's Tomorrow' which portrayed that UNITEN is a good institution to generate students to be a leader in the future. The objective of the fair was to create a win-win situation, where students as well as companies would benefit from each other. It was officiated by the Vice-Chancellor of UNITEN in the presence of the Chief Executive Officer (CEO) of Altel Group, Mr. Nik Abdul Aziz Nik Yaacob and the Management Committee of UNITEN. Mr. Nik shared his knowledge and experience with UNITEN students during the engagement session with the CEO. 29 local and multinational companies showed their support by participating in this fair. There were many other activities conducted during the fair. Clearly, this career fair could be considered as a good platform for students and employers to network.



5

Always With You - YCU 30 October 2015

Always With You - YCU was held in conjunction with the 5th Anniversary of the establishment of Yayasan Canselor UNITEN (YCU) and it was officiated by the Vice-Chancellor of UNITEN. 'Always with You–YCU' was an initiative of YCU management, a campaign to raise funds for YCU via Staff Salary Deduction Scheme. This campaign also helped to raise the awareness towards YCU's mission, specifically in generating fund to give financial assistance to excellent but financially constrained students. All contributions to YCU would enjoy tax exemption under the sub section 44(6) of the Tax Revenue Act of 1967. Several staff were appointed as 'YCU agents' to promote the scheme and encourage UNITEN staff to contribute to the fund during this campaign. The event was concluded with a cake-cutting ceremony graced by the Vice-Chancellor of UNITEN.



6

Visit from Hindustan University, Chennai, India 30 October 2015

Hindustan University, Chennai, India, is one of the most sought after engineering Institutions in Tamil Nadu. It is a reputable university for its enormously qualified and skilled school training with excellent infrastructural services for curricular and co-curricular activities. The visit was a giant step towards the direction of opening pathways for educational associated collaboration between UNITEN and Hindustan University. Based on the outcome of the visit, Hindustan University would forge greater ties with UNITEN to foster collaboration for educational exchanges and cooperation in teaching and research through sharing sessions as a part of academic and scientific activities.



7

Beyond Structures 2015 30 October 2015

Beyond Structures 2015 - From Waste to Sustainable Structures was a competition among civil and structural engineering students that was organised by UNITEN in collaboration with the Institution of Structural Engineers (IStructE), Malaysia. This competition was derived from the competition held in 2008; On-the-spot Build and Break Competition. This competition was based on a structural model building challenge using only materials and tools provided by the organisers and contestants had to showcase their creativity and innovation within a specified time period.



8

Symposium: UNITEN 360 GEM – Global Exchange & Mobility 6 November 2015

The International Office of UNITEN launched their first ever symposium for student exchange programme, UNITEN 360 Global Exchange Mobility (GEM) on 6th November 2015. The main objective of the symposium was to promote new learning experience for students through the exchange programme while working towards developing educational products. It would act as an alternative marketing instrument to attract students around the world to enroll at UNITEN.



9

International Conference on Astronomy in the Muslim World (ICAMW) 2015 19 November 2015

The International Conference on Astronomy in the Muslim World (ICAMW) 2015 was jointly organised by Persatuan Falak Syar'i Malaysia (PFSM) and UNITEN with the theme 'Astronomy Commemorating Time, Creating Civilisation'. It was officiated by Y.B. Major General (R) Dato' Seri Jamil Khir Baharom, the Minister in the Prime Minister Department. This conference was organised in conjunction with other events such as the commemoration of PFSM 30 years of establishment, celebration of Malaysia's gift to the world in establishing the International Lunar Date Line (ILDL) and the launch of Malaysia's gift in form of the In-flight Prayer Time software application. Some of the conference tracks presented include ILDL, history, taqvim/calendar and use of technology.



10

Engineering & Technology Fest 3 (ETF 3) 30 November 2015

The Engineering & Technology Exhibition 3 (ETF 3) was launched by Y.B. Datuk Dr. Abu Bakar Mohamad Diah, the Deputy Minister of Science, Technology & Innovation. About 1,000 students from UNITEN and schools attended the event. During the event, there were research showcase and products exhibited by UNITEN students and researchers. There were 13 organisations participated as exhibitors during the event. In conjunction with the event, 2 professional talks were held. The first one was a talk by Y.B. Datuk Dr. Abu Bakar Mohamad Diah, Deputy Minister of Science, Technology & Innovation and a forum by Young Engineers Section IEM entitled "Road to professional engineering & a day in engineer's life."



11

UNITEN as 'Wakil e-Rezeki' Malaysia Digital Economy Corporation (MDEC)
9 December 2015

The eRezeki concept was presented by Malaysia Digital Economy Corporation (MDEC) at the 26th MSC Malaysia Implementation Council (ICM) meeting, chaired by MDEC and led by Y.A.B. Prime Minister. It is a model initiative which is based on crowdsourcing concept. It aims to assist the low income household by introducing them to the digital income opportunities. In December 2015, UNITEN Vice-Chancellor accompanied by Assoc. Prof. Dr. Siti Salbiah received the appointment of "Wakil eRezeki" from MDEC, through Mr. Nor Azlan Wahab, Senior Manager of MDEC. We also had the honour to learn about the concept from Mr. Michael Tan, President of Crowdsourcing Industry Association of Malaysia. The highlight of the event was the motivational speech delivered by Y.Bhg. Datuk Rosyam Nor, the ambassador of eRezeki MDEC.



12

International Student Societies Cultural Night Festival (ISCN) 2016
6-7 January 2016

The International Student Cultural Nights (ISCN) 2016 was organised by the International Students Society (ISS) in collaboration with Malay Club, Chinese Club and Indian Club. The highlights of the event include international food exhibition and a variety of traditional fashion showcase from various nationalities in the university. There were 18 colourful booths set up with more than 300 attendees who gave their undivided attention to the performers and demonstrations on stage and enjoyed the variety of food.



13

Merentasi Kecemerlangan, Mencipta Kegemilangan with Y.Bhg. Tan Sri Dr. Ir. Ahmad Tajuddin Ali, UNITEN Pro-Chancellor
11 January 2016

On 11 January 2016, UNITEN KSHAS was honoured to receive a visit from the Pro-Chancellor of UNITEN, Y.Bhg. Tan Sri Dr. Ir. Ahmad Tajuddin Ali. With the theme “Merentas Kecemerlangan Mencipta Kegemilangan”, the programme had been marked as one of the most memorable events in the year 2016. This programme was not only his first visit to UNITEN KSHAS but also a trip down memory lane as Y.Bhg. Tan Sri was the CEO of TNB when UNITEN KSHAS was established. The visit had given Y.Bhg. Tan Sri the opportunity to see the development of UNITEN KSHAS after 14 years of its establishment. The programme was divided into 2 sessions. The morning session provided the opportunity for the staff of UNITEN KSHAS to listen to Y.Bhg. Tan Sri’s talk on his lifelong success as an individual and as one of the respected leaders of the business world. The afternoon session was specifically conducted for the students of UNITEN KSHAS.



14

2nd International Conference on Advances in Renewable Energy Technologies (ICARET 2016)
23 February 2016

Centre for Renewable Energy (CRE) in collaboration with UNITEN Power Engineering Centre (PEC), Institute of Energy Policy & Research (IEPR), and Innovation & Research Management Centre (iRMC) had organised the 2nd International Conference on Advances in Renewable Energy Technologies (ICARET 2016). The theme for this conference was ‘Sustaining a Green Energy Future’. It intended to provide an intellectual forum for the exchange of knowledge and information in relation to the latest development in renewable energy. More than 200 presenters and participants attended the conference to share their latest research findings and brainstorm new research ideas across disciplines. The organiser also invited researchers from academia and enterprises to present the different perspectives and application of these fascinating technologies. This conference was essential to help building an effective platform for communication and cooperation among the stakeholders in the renewable energy industry.



15

2016 IEEE International Conference on Teaching and Learning in Education (IEEE ICTLE'16)
1 March 2016

The 2016 IEEE International Conference on Teaching and Learning in Education (ICTLE '16) was organised by UNITEN in collaboration with IEEE Education Society Malaysia Chapter and YCU, and officiated by Y.B. Dato Seri Mahdzir Khalid. The conference theme was 'Pushing the Boundaries of Education Possibilities.' It had turned ICTLE '16 as a platform for the sharing of innovative teaching ideas and practices that promoted effective teaching and meaningful learning. It promoted the development of our future generation that is connected to the environment, sensitive to industrial and societal needs as well as responsive to changes. There were more than 100 conference presenters and participants from local and international institutions.



16

UNITEN Open Day 2016
5 March 2016

UNITEN Open Day 2016 provided a great opportunity for all to come and see the university and find out more about students' life in UNITEN. Visitors got the opportunities to explore the campus, learn more about the range of programmes and courses available, enquire on the admission process, accommodation and career guidance.



17

Kelab Kilat Family Day UNITEN/YTN/TNBR 12 March 2016

The members of Kelab Kilat UNITEN/Yayasan Tenaga Nasional (YTN)/TNB Research (TNBR) as well as their families participated in a family day and dinner at Seri Bayu Resort, Bangan Lalang, Sepang on 12 March 2016. This event was the third occasion organised by Social Bureau of Kelab Kilat. The purpose of this event was to strengthen the relationship among the members of the club. The President, Deputy President and Vice-President of Kelab Kilat UNITEN/YTN/TNBR made their presence felt at the event with their aspiring speeches. The atmosphere of the dinner was uplifted by the performance of an invited artist, Ms. Shuhazlin Salleh from the Sepang District Council. The grand prizes for the lucky draw conducted during the dinner were 42 units of 40' Sharp television as well as other gifts.



18

Launching of 'Confirm A' @ UNITEN 22 March 2016

Confirm A@UNITEN offers online tuition software, meant for Ujian Penilaian Sekolah Rendah (UPSR), Pentaksiran Peperiksaan Tingkatan 3 (PT3) and Sijil Pelajaran Malaysia (SPM) students in preparing for the examinations. This platform enables parents and teachers to monitor the academic progress of the students. In 2016, YCU launched Confirm A@UNITEN and UPSR Challenge 2016. It was officiated by Y.B. Dato' P. Kamalanathan, the Deputy Minister of Education. In support of TNB's call to expand the use of this software to the rural schools throughout Malaysia, Confirm A@UNITEN sessions were organised at 4 schools in Besut, namely SK Tengku Mahmud I, SK Tengku Mahmud II, SK Kampung Raja and SK Alor Lintah. The programme was launched on 15 May 2016 at Sekolah Kebangsaan Tengku Mahmud I by Y.B. Dato' Muhammad Razif Abdul Rahman. Among the attendees were the officers from the education department of the regional state, district-level management officers and teachers and parents.



19

Total Wellness 2016 15 April 2016

In order to adopt the Teamwork Initiatives for Internalizing Core Values (ICV), the Human Resources (HR) Department organised the Total Wellness Programme on 15 April 2016 at Dewan Seri Sarjana, UNITEN. The sports events such as men netball, table tennis, darts and indoor rowing had successfully attracted 142 UNITEN staff from various departments and colleges. The objective of the event was to promote a healthy work environment. The event started at 2.30 pm and ended at 5.00 pm.



20

Majlis Perasmian Pecah Tanah Projek Pembinaan Dewan Serbaguna UNITEN KSHAS 11 May 2016

A groundbreaking ceremony at UNITEN KSHAS to build a multipurpose hall named Dewan Tan Sri Jamaluddin Jarjis was launched by Tan Sri Leo Moggie the Chairman of TNB, Puan Sri Dr. Kalsom, the wife of the late Tan Sri Jamaluddin Jarjis, as well as other VVIP guests. The hall will be used as an examination hall, a sport activities centre and a formal university events venue. As a token of appreciation for those who have been supporting the development of UNITEN KSHAS, the nearby community will get the opportunity to use the hall too. It is hoped that the multipurpose hall can be used as a platform to improve the achievement of UNITEN in academic, sports, cultural and the relationship with the nearby community. The campus has been the source of sustenance for the neighbouring people and an important asset that successfully impacts Muadzam Shah that it has been called the 'City of Knowledge'.



21

Hari Kecemerlangan UNITEN 2016 20 May 2016

HR Department had organised the annual “Majlis Hari Kecemerlangan UNITEN” on 20 May 2016. The prestigious awards presented include “Anugerah Khidmat Cemerlang” and “Anugerah Akademik UNITEN”. This programme provided an essential platform to recognise UNITEN staff who had provided excellent services and appreciate retired employees. “Anugerah Tokoh Akademik 2016” was awarded to Prof. Ir. Dr. Norashidah Md Din from the College of Graduate Studies. “Anugerah Eksekutif Terbaik 2016” was awarded to Norliana Azreen Yusoff from UNITEN R&D Sdn. Bhd. “Anugerah Bukan Eksekutif Terbaik 2016” was awarded to Ahmad Zainol Musli from the Facilities Department Management. The winners received plaques, certificates and cash sponsored by YCU. Prof. Dr. Azree Mohd Idris was honoured with a Special Award in 2016 for his excellent contributions in various research and projects.



22

MoU Signing Ceremony between UNITEN & University of Southern Queensland, Australia 26 May 2016

A Memorandum of Understanding (MoU) was signed between University of Southern Queensland, a prominent and dynamic multi-campus teaching and research institution and UNITEN. The signing was a step towards opening pathways for research and academic collaboration between both universities. The MoU was signed by Prof. Jan Thomas, the Vice-Chancellor and President of University of Southern Queensland, and the Vice-Chancellor of UNITEN. Following this MoU, University of Southern Queensland would forge closer and stronger ties with UNITEN to develop academic exchanges and cooperation in publications, academic materials and research through seminars, conferences and academic meetings.



23

Public Lecture by Prof. Dr. Ken Koyama,
Energy Commission's Chair in
Energy Economics in UNITEN
9 June 2016

A public lecture entitled "Japanese Experience of the Full Liberalisation of Electricity & Gas Retail in Japan; Reasons, Challenges, Approaches and Impact" was delivered by Prof. Dr. Ken Koyama, a key figure in energy economics who is currently holding the post of Chief Economist and Managing Director of the Institute of Energy Economics, Japan (IEEJ). The public lecture series kicked off in December 2015 where Prof. Dr. Ken Koyama delivered an inaugural lecture in UNITEN, discussing the input to the energy market regulator and governing policy which received full support from the Energy Commission, Ministry of Energy, Green Technology and Water (KeTTHA) and Ministry of Natural Resources and Environment (NRE).



24

Majlis Iftar Perdana UNITEN 2016
21 June 2016

Majlis Iftar Perdana UNITEN was successfully carried out on 21 June 2016. The event was one of the corporate social responsibility (CSR) activities which focused on strengthening the relationship between UNITEN and the nearby community. Trust fund contributions were given to the single mothers, orphans, Islamic Relief Malaysia (IRM), Aman Palestine, Professional Huffaz students, excellent students and eligible UNITEN staff to ease their burden. The fund was generated from Tabung Amanah Zakat UNITEN (TAZU), UNITEN mosque fund and contributions from UNITEN staff contribution.



25

UNITEN Alumni Homecoming 2016 23 July 2016

The UNITEN Alumni Homecoming 2016 was conducted at Dewan Seri Sarjana (DSS), UNITEN and officiated by the Chairman of TNB, Tan Sri Leo Moggie. The objective of the event was to gather UNITEN alumni in order to network and engage with one another. The highlight of the event was the solo performance by a guest artist; Dato Nash of Left-handed. The opening performance was a magic show and live band by the students to suit the theme, 'Movie & Fantasy'. The event received an overwhelming response from 200 alumni who attended the event and invited guests who previously held top management positions at the university. In addition, internal and external parties also supported the event by providing sponsorship and gifts.



26

Bicara Inspirasi Kejayaan (Siri 2) 27 July 2016

This event was a community service organised by YCU with the support of generous individuals and corporate sponsors. The goal was to motivate and inspire secondary students to excel in their lives. This sharing session was expected to inspire and empower Malaysian youths to take charge of their lives and chart their success. A total of 874 students from 21 secondary schools in Selangor and Putrajaya attended the programme. The panels were Tuan Haji Burhanuddin Md Radzi, Director of Les' Copaque Production Sdn Bhd and producer of the most popular animated series in Malaysia, Upin & Ipin, Tuan Haji Mohd Hassan Adli Yahya @ Yahuza, a motivator, celebrity, winner of Imam Muda reality show and owner of Hassan Adli Boutique, and Assoc. Prof. Dr. Mohd Azree Idris, the inventor and developer of Confirm A@UNITEN, an online learning software for UPSR, PT3 and SPM students. The moderator was Dr. Mardian Shah Omar, Senior Lecturer and Coordinator of Intensive Malay Language Programme, College of Engineering (COE), UNITEN



27

Majlis Mesra Aidilfitri UNITEN, YTN & ILSAS
Bersama Komuniti Setempat 2016
29 July 2016

Thousands of visitors attended the Aidilfitri open house organised by UNITEN together with YTN and ILSAS. The event themed “Majlis Mesra Aidilfitri UNITEN, YTN & ILSAS Bersama Komuniti Setempat 2016” was held at the compound of UNITEN mosque. “Such programmes not only forge strong and complete consensus but also create a harmonious society, especially among people living in the vicinity of Kg. Abu Bakar Baginda,” said Y.B. Mr. Shahrum Mohd Sharif, the member of the State Legislative Assembly Constituency of Dengkil at the opening ceremony. The objective of the event was successfully achieved with 4,000 attendees including the staff of UNITEN, TNBR, ILSAS, YTN and local community.



28

Majlis Anugerah Industri Graduan UNITEN
2016
18 August 2016

Majlis Anugerah Industri Graduan (AIG) was a pre-convocation awards ceremony held annually to honour excellent graduating students for their outstanding achievement. In 2016, the ceremony was held at The Everly Hotel, Putrajaya, jointly organised by UNITEN and YCU. The event attracted 30 companies from related industries which sponsored a total of 75 awards for excellent students.



29 19th UNITEN Convocation
20-22 August 2016

Convocation is an annual highlight in the university calendar, an annual celebration of the dedication, achievement and effort as UNITEN maintains its international focus and continues to develop professional graduates. This year 2388 graduates celebrated their academic achievement.



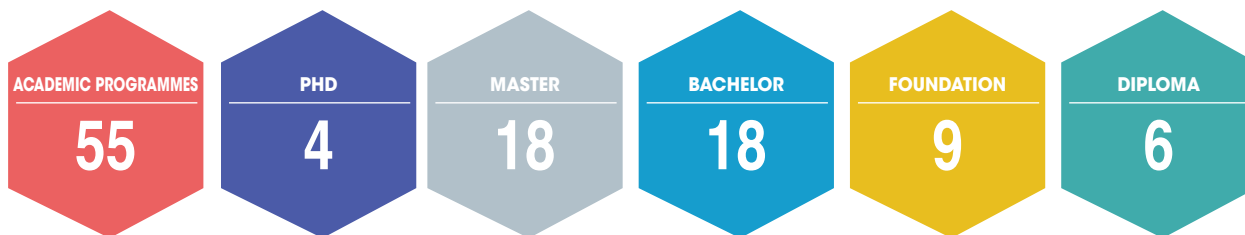
Creative, Innovative & Energetic.





In 2015/2016, UNITEN has further excelled in academics. Being granted Tier-5 in SETARA 2013, which measures the quality of teaching and learning in academic disciplines in universities and university colleges in Malaysia, UNITEN has further diversified its academic programmes and focused on getting the Self-Accreditation Status by 2017. A total of 55 academic programmes are offered, with 4 being new programmes at undergraduate and postgraduate level. A total of 2388 graduates were produced by UNITEN during the convocation, the highest number in UNITEN's history since its establishment in 1997. Besides that, UNITEN has also started adopting blended learning to cater students' needs. The highlight of this year's academic achievement is the achievement of the first cohort of the UNITEN-Leadership Development Centre (UNITEN-LDC) Master of Business Administration (MBA) programme, where UNITEN has partnered with TNB Leadership Centre, Melbourne Business School and designed a special MBA programme which was delivered for TNB executives. The MBA programme is a great initiative to generate future professional leaders who can cope with the outside world. The first cohort of 25 students graduated in August 2016.

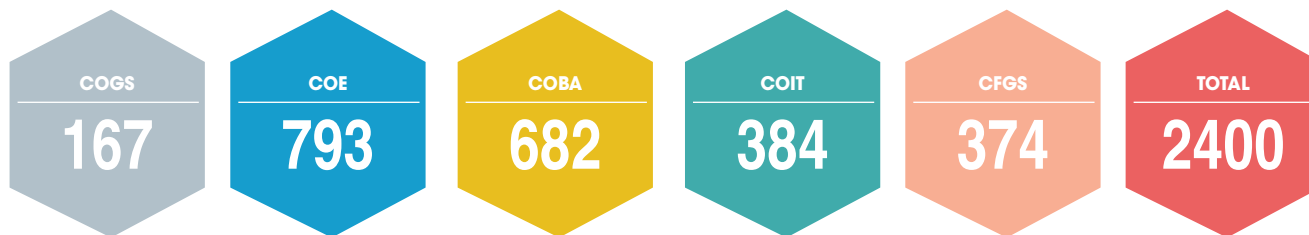
ACADEMIC PROGRAMMES AT UNITEN



LIST OF ACADEMIC PROGRAMMES

<ul style="list-style-type: none"> • Doctor of Philosophy in Business Management 	<ul style="list-style-type: none"> • Doctor of Philosophy in Engineering 	<ul style="list-style-type: none"> • Doctor of Philosophy in Industrial Science 	<ul style="list-style-type: none"> • Doctor of Philosophy in Information and Communication Technology
<ul style="list-style-type: none"> • Master of Business Administration (Structure C) (Putrajaya) • Master of Business Administration (Structure C) (KSHAS) • Master of Electrical Engineering (Structure B) • Master of Information Technology (Structure A) • Master in Engineering Management (Structure C) 	<ul style="list-style-type: none"> • Master of Civil Engineering (Structure A) • Master of Communication Systems Engineering (Structure C) • Master of Electrical Engineering (Structure A) • Master of Electronics and Systems Engineering (Structure C) 	<ul style="list-style-type: none"> • Master of Industrial Science (Structure A) • Master of Information Technology (Structure B) • Master of Mechanical Engineering (Structure A) • Master of Mechanical Engineering (Structure B) • Master of Science in Accounting (Structure A) 	<ul style="list-style-type: none"> • Master of Science in Finance (Structure A) • Master of Science in Management (Structure A) • Master of Software Engineering • Master of Structural Engineering
<ul style="list-style-type: none"> • Foundation in Accounting • Foundation in Business Administration • Foundation in Finance 	<ul style="list-style-type: none"> • Foundation in Civil Engineering • Foundation in Mechanical Engineering 	<ul style="list-style-type: none"> • Foundation in Electrical and Electronics Engineering • Foundation in Electrical Power Engineering 	<ul style="list-style-type: none"> • Foundation in Information Technology • Foundation in Computer Science
<ul style="list-style-type: none"> • Bachelor of Accounting (Hons.) • Bachelor of Business Administration (Hons.) in Entrepreneur Development • Bachelor of Business Administration (Hons.) in Human Resource Management • Bachelor of Business Administration (Hons.) in Marketing 	<ul style="list-style-type: none"> • Bachelor of Business Administration (Hons.) in Entrepreneurship and Venture Management • Bachelor of International Business (Hons.) • Bachelor of Finance (Hons.) • Bachelor of Computer and Communication Engineering (Hons.) • Bachelor of Computer Science (Cyber Security) (Hons.) 	<ul style="list-style-type: none"> • Bachelor of Computer Science (Software Engineering) (Hons.) • Bachelor of Computer Science (Systems and Networking) (Hons.) • Bachelor of Information Technology (Graphics and Multimedia) (Hons.) • Bachelor of Information Technology (Information System) (Hons.) 	<ul style="list-style-type: none"> • Bachelor of Information Technology (Visual Media) (Hons.) • Bachelor of Electrical and Electronics Engineering (Hons.) • Bachelor of Electrical Power Engineering (Hons.) • Bachelor of Mechanical Engineering (Hons.) • Bachelor of Civil Engineering (Hons.)
<ul style="list-style-type: none"> • Diploma of Accountancy • Diploma in Business Studies 	<ul style="list-style-type: none"> • Diploma in Finance • Diploma in Computer Science 	<ul style="list-style-type: none"> • Diploma in Electrical Engineering 	<ul style="list-style-type: none"> • Diploma in Mechanical Engineering

GRADUATION IN 2016



COLLEGE OF GRADUATE STUDIES

DOCTOR OF PHILOSOPHY
IN ENGINEERING**12**MASTER OF ELECTRICAL
ENGINEERING**32**MASTER OF ELECTRONICS
AND SYSTEMS ENGINEERING**4**MASTER OF BUSINESS
ADMINISTRATION**41**DOCTOR OF PHILOSOPHY
IN BUSINESS MANAGEMENT**9**MASTER IN ENGINEERING
MANAGEMENT**16**MASTER OF SCIENCE
IN ACCOUNTING**1**MASTER OF INDUSTRIAL
SCIENCE**1**DOCTOR OF PHILOSOPHY
IN INFORMATION AND
COMMUNICATION
TECHNOLOGY**1**MASTER OF MECHANICAL
ENGINEERING**11**MASTER OF SCIENCE IN
MANAGEMENT**1**MASTER OF INFORMATION
TECHNOLOGY**25**MASTER OF COMMUNICATION
SYSTEMS ENGINEERING**2**MASTER OF CIVIL
ENGINEERING**11**

COLLEGE OF ENGINEERING

BACHELOR OF CIVIL
ENGINEERING (HONS.)**158**BACHELOR OF ELECTRICAL
AND ELECTRONICS
ENGINEERING (HONS.)**153**BACHELOR OF ELECTRICAL
POWER ENGINEERING
(HONS.)**149**BACHELOR OF COMPUTER
AND COMMUNICATION
ENGINEERING (HONS.)**1**BACHELOR OF MECHANICAL
ENGINEERING (HONS.)**332**

COLLEGE OF BUSINESS MANAGEMENT AND ACCOUNTING

BACHELOR OF BUSINESS
ADMINISTRATION (HONS.)
IN HUMAN RESOURCE
MANAGEMENT**234**BACHELOR OF FINANCE
(HONS.)**94**BACHELOR OF
INTERNATIONAL
BUSINESS (HONS.)**30**BACHELOR OF BUSINESS
ADMINISTRATION (HONS.)
IN ENTERPRENEUR
DEVELOPMENT**23**BACHELOR OF ACCOUNTING
(HONS.)**263**BACHELOR OF BUSINESS
ADMINISTRATION (HONS.)
IN MARKETING**38**

COLLEGE OF INFORMATION TECHNOLOGYBACHELOR OF INFORMATION
TECHNOLOGY (GRAPHICS
AND MULTIMEDIA) (HONS.)**54**BACHELOR OF COMPUTER
SCIENCE (SYSTEMS AND
NETWORKING) (HONS.)**70**BACHELOR OF INFORMATION
TECHNOLOGY (INFORMATION
SYSTEM) (HONS.)**167**BACHELOR OF COMPUTER
SCIENCE (SOFTWARE
ENGINEERING) (HONS.)**93****COLLEGE OF FOUNDATION AND GENERAL STUDIES**DIPLOMA IN COMPUTER
SCIENCE**80**

DIPLOMA OF ACCOUNTANCY

109DIPLOMA IN MECHANICAL
ENGINEERING**7**DIPLOMA IN ELECTRICAL
ENGINEERING**1**

DIPLOMA IN FINANCE

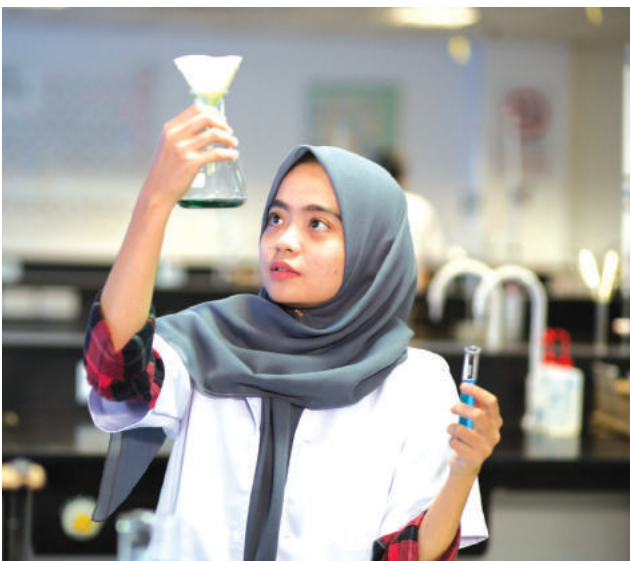
34DIPLOMA IN BUSINESS
STUDIES**143****SPECIAL PROGRAMME****Electronics to Electrical Engineering Conversion Programme**

UNITEN is offering a programme for graduate engineers registered with Board of Engineers Malaysia (BEM) under the electronics category who wish to transfer to electrical engineering discipline by allowing prospective candidates to enroll in relevant courses to bridge the gap in order to acquire sufficient knowledge in the Electrical Engineering field. This 15 weeks conversion courses are the same as courses offered in UNITEN's

Bachelor of Electrical Power Engineering (Hons.). In August 2016, 51 students managed to complete the conversion programme.

The courses aim at providing strong electrical engineering fundamentals, especially electrical power topics to the participants. This programme offers courses as follows:

- Electrical Power System II (PSII)
- Electrical Machines & Drives (EMD)
- Electromagnetic Fields & Waves (EMF)
- Circuit Analysis II (CCTII)



Pensijilan Tahfiz Al-Quran JAKIM-UNITEN / Hufffaz Professional UNITEN

UNITEN in collaboration with Darul Quran, Jabatan Kemajuan Islam Malaysia (JAKIM) has introduced a new programme, Hufffaz Professional UNITEN. The programme is conducted in collaboration with TAZU, UNITEN. On top of the normal academic classes, the students also focus on rote memorisation of the Al-Quran with Darul Quran, JAKIM in parallel which comes with a certificate from JAKIM.

During the Convocation Ceremony 2015/2016 on 6 August 2016, 58 of our students received their certificates from JAKIM. It was highlighted that our student, Wan Muhammad Dhiaanuddin Wan Baharudin received Anugerah Menteri from the Prime Minister Department for his excellent academic performance. Besides that, Abdul Hafidz Zainuddin, a student of Diploma in Mechanical Engineering also received an award of excellence. In addition, this is the first time that 5 of our students who received the scholarship from Majlis Ugama Islam Sabah graduated from the programme. Congratulations to all students and lecturers for their outstanding effort and achievement.



TNB's Leadership Development Centre - MBA

UNITEN and TNB Leadership Centre have partnered with Melbourne Business School and designed a special MBA programme which is delivered by UNITEN. The MBA programme is a great initiative to generate future professional leaders who can cope with the outside world. This programme was initiated in January 2015 and had their first cohort graduation in August 2016. 25 students were chosen based on their qualifications and experience. In this programme, they undertook 5 modules covering global business economics, mergers and acquisitions, business analytics, future thinking and strategy and managerial judgement at Melbourne Business School, Melbourne, Australia.

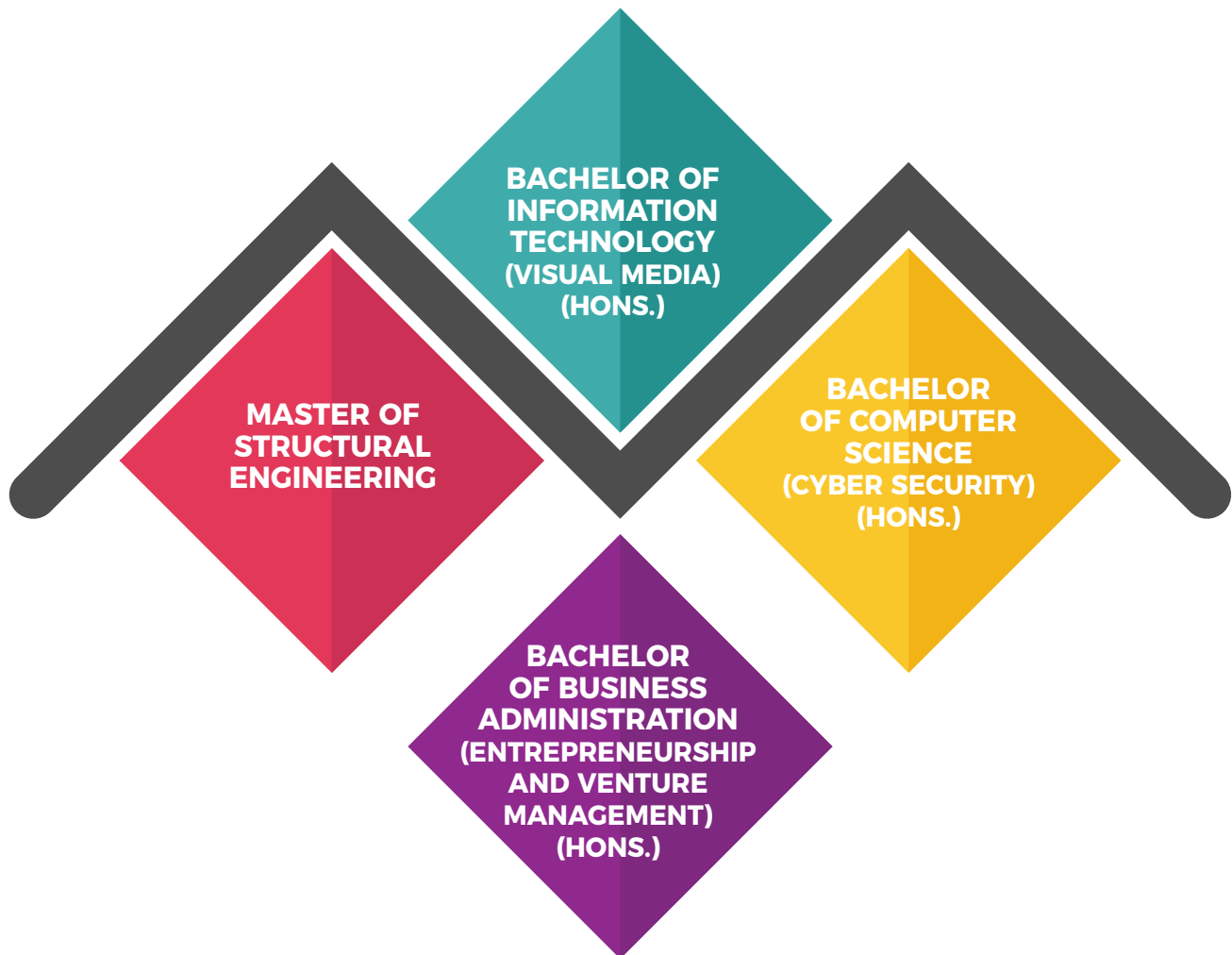
What makes our MBA programme unique compared to others is the Business Strategy Games (BSG). The BSG Simulation is used to test students in the application of knowledge and tools learned from the programme. This simulation game gives them international exposure and networking opportunities by studying alongside executives from major companies. The BSG was part of the MBA student's final assessment which is an added features requested by LDC in order to meet TNB's need. In this BSG Simulation, they were assigned to run a company and presented their company's performance report to a mock Board Members Panel consisting of TNB Chief Finance Officer, Y.Bhg. Datuk Fazlur Rahman, Chief Strategy Officer, Haji Megat Jalaluddin Megat Hassan, and LDC Director, Y.Bhg. Dato' Kamaruzzaman Jusoh.

Out of 1,251 teams from 95 universities and 37 countries, our teams ranked 55th (represented by Mehazatul Amali Meor Hassan, Hamdan Ali and Huzarein Hussein) and 71st (represented by Ir. Khirul Nizam Shamsudin, Shirley Lee Mei Hwei and Izharul Hafiz Hasnawi).



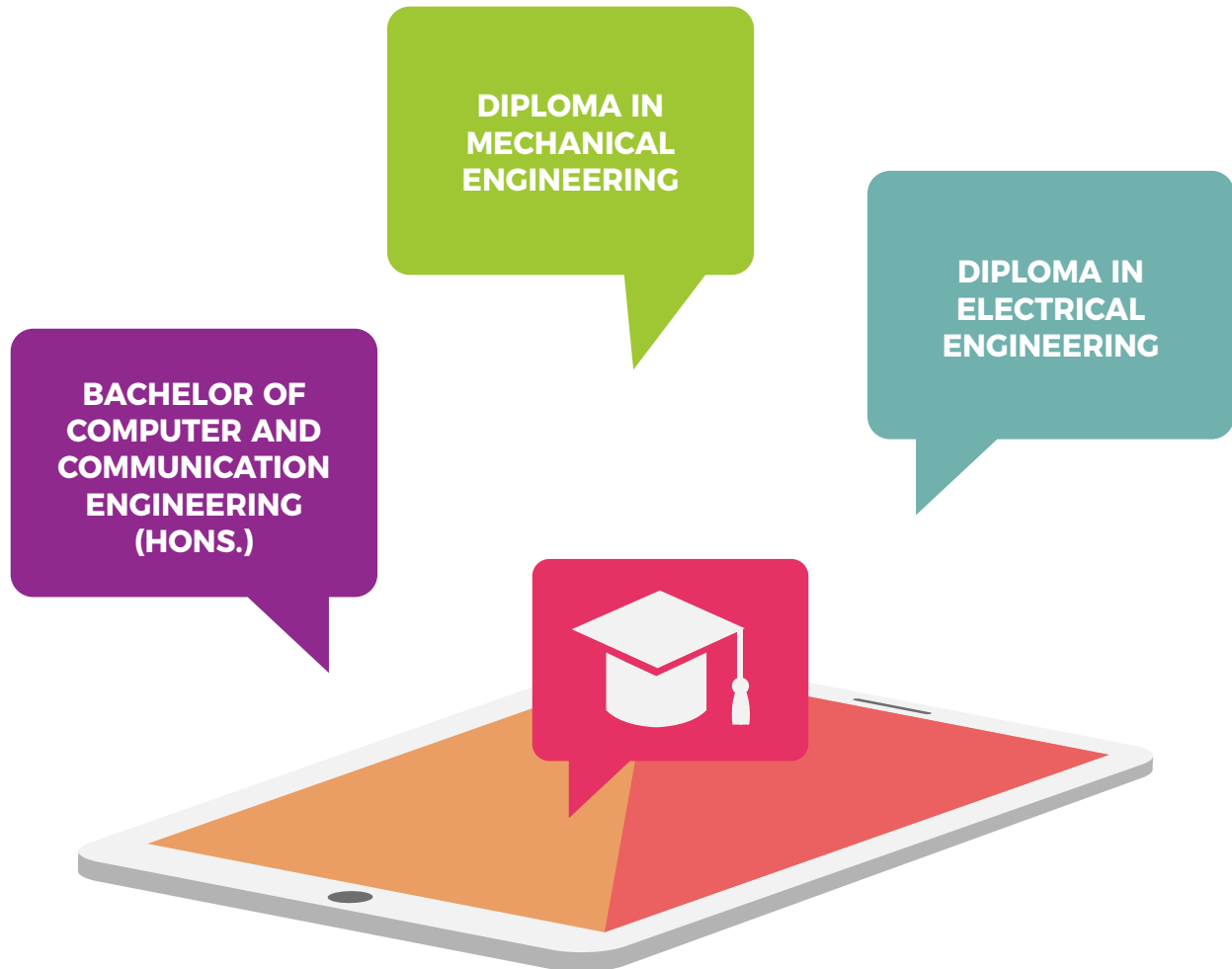
New Programmes Offered

In Financial Year 2015/2016, UNITEN has announced 4 new programmes to be offered. College of Computer Science & Information Technology (CSIT) offers Bachelor of Information Technology (Visual Media) (Hons.), and Bachelor of Computer Science (Cyber Security) (Hons.). Meanwhile, College of Business Management & Accounting (COBA) offers 1 new academic programme which is Bachelor of Business Administration (Hons.) in Entrepreneurship and Venture Management, while College of Graduate Studies (COGS) offers Master of Structural Engineering.



Programmes Accreditation

UNITEN always ensures its programmes attain the quality standards for formal recognition. In Financial Year 2015/2016, 3 programmes have been accredited. 2 programmes that have received full accreditation are Diploma in Mechanical Engineering and Diploma in Electrical Engineering. Meanwhile, Bachelor of Computer and Communication Engineering (BCCE) has obtained full 5 years accreditation from Engineering Accreditation Council (EAC). BCCE is a new programme in College of Engineering that started in 2012 and has seen a steady increment in student intake for the past 4 years.



Annual Programme Review

The annual programme review is the consideration of whether the benchmarks set by UNITEN have been met throughout the year. Each college has their own unique ways in reviewing their development, performance and improvement from faculty and programme development to graduates performance. It also provides an opportunity to connect with the organisations and strengthen the relationship among the staff.



College of Business Management & Accounting (COBA)



College of Engineering (COE)



College of Foundation & General Studies (CFGS)



College of Graduate Studies (COGS)



College of Information Technology (COIT)

External Examiner Visits

The role of the external examiner is to provide external quality assurance to the university in terms of the academic standards and to ensure consistency. Their views are insightful and independent as they evaluate the assessment process, comment on the task appropriately and report on the structure of programmes highlighting some good practices and potential areas of enhancement.

List of External Examiner Visits in 2016

<p>College of Business Management & Accounting (COBA)</p> <hr/> <p>Bachelor of Accounting (Hons.) Prof. Dr. Roszaini Mohamad</p>	<p>College of Graduate Studies (COGS)</p> <hr/> <p>Master in Electrical Engineering Prof. Dr. Vassillios Agelidis</p> <hr/> <p>All Mechanical Postgraduate Programmes Prof. Dr. Mohammad Nazri Mohd Jaafar</p> <hr/> <p>Master in Information Technology & PhD in Information Technology and Communication Prof. Dr. Mark Looi</p> <hr/> <p>Master of Structural Engineering & Master of Communication System Engineering Prof. Dr. Kaharuddin Dimiyati</p>	<p>College of Information Technology (COIT)</p> <hr/> <p>Bachelor of Information Technology (Graphics and Multimedia) (Hons.) Prof. Dr. Mark Billinghamurst</p> <hr/> <p>Bachelor of Computer Science (Software Engineering) (Hons.) Prof. Dr. Mikio Aoyama</p> <hr/> <p>Bachelor of Computer Science (Systems and Networking) (Hons.) Prof. Emeritus Dr. Krzysztof Pawlikowski</p> <hr/> <p>Bachelor of Information Technology (Information Systems) (Hons.) Prof. Eldon Y. Li</p>
<p>College of Engineering (COE)</p> <hr/> <p>Bachelor of Mechanical Engineering (Hons.) Prof. Ir. Dr. Ahmed Jaffar</p> <hr/> <p>Bachelor of Electrical Power Engineering & Bachelor of Electrical Engineering (Hons.) Prof. Vassilios Agelidis</p> <hr/> <p>Bachelor of Civil Engineering (Hons.) Prof. Wang Chien Ming</p>	<p>College of Foundation & General Studies (CFGS)</p> <hr/> <p>Diploma in Mechanical Engineering Assoc. Prof. Ir. Dr. Muhammad Azmi Ayub</p> <hr/> <p>Diploma in Electrical Engineering Prof. Dr. Ismail Musirin</p> <hr/> <p>Diploma in Computer Science Assoc. Prof. Dr. Wan Mohd Nasir Wan Kadir</p>	



College of Information Technology (COIT)

Assoc. Prof. Dr. Wan Mohd Nasir Wan Kadir



College of Graduate Studies (COGS)

Prof. Dr. Mohammad Nazri Mohd Jaafar



College of Information Technology (COIT)

Prof. Dr. Mark Billingham



College of Information Technology (COIT)

Prof. Dr. Mikio Aoyama



College of Business Management & Accounting (COBA)

Prof. Dr. Roszaini Mohamad Haniffa



College of Information Technology (COIT)

Prof. Dr. Eldon Y. Li



College of Business Management & Accounting (COBA)

Prof. Dr. Roszaini Mohamad Haniffa



College of Foundation & General Studies (CFGS)

Assoc. Prof. Ir. Dr. Muhammad Azmi Ayub & Prof. Dr. Ismail Musirin

From Industry With Expertise

In order to ensure that our programmes are kept abreast with industrial development in related fields, industry advisory panels and adjunct professors are appointed from industries, agencies and universities. They make recommendations concerning matters relevant to the industries. Besides that, they provide an external industry perspective on the related issues and advise on the relevance of the curriculum to the needs of the industries. Strategic advice given will help to improve the performance of the students and programmes.



List of Industry Advisory Panel 2016

- Assoc. Prof. Dr. Taksiah A. Majid
- Assoc. Prof. Dr. Samsul Bahri Haji Tamrin
- Dato' Ho Peng Choong
- Dato' Ir. Hj. Ahmad Husaini Sulaiman
- Dato' Nor Azman Mufti
- Datuk Dr. Che Ab Rahim Haji Nik
- Datuk Ir. Baharin Din
- Datuk Ir. Mohd Adnan Mohd Nor
- Datuk Rozimi Remeli
- Datuk Zainudin Ibrahim
- Dr. Aziz Marzuki Ahmad Marican
- Dr. Aznan Ezraie Ariffin
- Dr. Eu Poh Leng
- Ir. Abdul Rahim Ibrahim
- Ir. Cheang Kok Meng
- Ir. David Ng Shiu Yuen
- Ir. Dr Hj. Kamsani Abdul Majid
- Ir. Dr Mohd Fadzil Mohd Siam
- Ir. Dr Mohd Fairuz Ab. Rahman
- Ir. Dr. Sazali P Abdul Karim
- Ir. Hambali Hussein
- Ir. Hj Azhar Mohd Ali
- Ir. Megat Jalaluddin Megat Hassan
- Ir. Mohamed Zaimir Mohamed
- Ir. Prof Dr Mohd Sabri Abdullah
- Ir. Razali Budin
- Ir. Wan Nor Azman Wan Salleh
- Mr. Anthony Samy Rajamanickam
- Mr. Edward Yee Chee Kheong
- Mr. Elias Jailani
- Mr. Lim Keng Hock
- Mr. Linganathan Thilainathan

- Mr. Mohamad Shariff Harun
- Mr. Mohd Abdul Fatah Endut
- Mr. Reza Mirkhani
- Mr. Rosman Hamzah
- Mr. Wan Roz Wan Hussein
- Prof. Ir. Dr Zuhairi Abd Hamid
- Tn. Syed Putera Syed Mokhtar

- Dato' Kamaruzaman Jusoh
- Dr. Amiruddin Abdul Wahab
- Dr. Dickson Lukose
- Dr. Mohammed Lebbai
- Dr. Nor'ashikin Ujang
- Ir. Hj. Baharuddin Ahmad Nasir
- Mr. Lionel Yap
- Ms. Fuaida Harun
- Prof. Dr. Abdullah Gani
- Prof. Dr. Norman Mohd Salleh

- Dato (Dr.) Hafsah Hashim
- Dato' Muhammad Razif Abdul Rahman
- Dato' Roslina Zainal
- Datuk Wira Roslan Ab Rahman
- Dr. Nurmazilah Mahzan
- Kolonel (K) Tan Sri Datuk Wira Dr. Hj. Mohd Shukor Hj. Mahfar
- Mr. Fazlur Rahman Zainuddin
- Mr. Mohd Noor Mohd Ismail
- Mr. Nazmi Othman
- Mr. S. Saravana Kumar
- Prof. Dr. Mohd Shahwahid Haji Othman
- Prof. Dr. Rosmimah Mohd Roslin
- Prof. T. Ramayah

- Tn. Hj. Ismail Abdul Rahman
- Tn. Hj. Shamsul Ahmad

- Assoc. Prof. Ruhani Abd Rahman
- Dato' Kamil Ahmad
- Dato' Mohd Othman
- Dato' Ng Wan Peng
- Datuk Syed Hussian Al-Junid
- Dr. Dzaharudin Mansor
- Dr. Norhazilawati Awang
- Hj. Burhanuddin Md Radzi
- Mr. Abdul Halim Mohamad Yusof
- Mr. Abdul Rahman Johari
- Mr. Ahmad Fuadi Mohd. Fadzil
- Mr. Ahmad Zaierif Mohd. Yusof
- Mr. Ainul Azlan Jamaludin
- Mr. Assakhof Ab Satar
- Mr. Hasnul Hadi Samsudin
- Mr. Izwan Hasli M Ibrahim
- Mr. Khairul Amri
- Mr. Long Yee Fong
- Mr. Mohamad Fazli Mohamad Sarujee
- Mr. Mohd Asrul Abdul Aziz
- Mr. Noor Ariff Noor Adnan
- Ms. Nur Arina Ramlee
- Ms. Rozita Radzuan
- Prof. Dr Juhana Salim
- Prof. Dr. Abdul Azim Abd. Ghani
- Prof. Dr. Ahmad Rafi Mohamed Eshaq
- Prof. Dr. Naomie Salim
- Prof. Dr. Shahrulniza Musa
- Prof. Dr. Shamsul Sahibuddin



College of Information Technology (COIT)

▶ 22 March 2016



College of Information Technology (COIT)

▶ 23 March 2016



College of Information Technology (COIT)

▶ 24 March 2016



College of Information Technology (COIT)

▶ 29 March 2016



College of Engineering (COE)

▶ 28 March 2016



College of Engineering (COE)

▶ 28 March 2016

Teaching & Learning

UNITEN is committed to improving and enhancing the quality of teaching and learning at the university. Therefore, the Teaching and Learning Centre (TLC) provides ongoing professional development courses for lecturers. New or beginner lecturers are orientated into the university teaching and learning environment through an induction course taken within the first two years of their career at UNITEN. Subsequently, they are given an in-depth training in teaching through a long-term Postgraduate Diploma in Education course.

As for the general lecturer population, teaching and learning support is provided continuously through short courses and workshops. The courses range from skills-based courses to academic personal development to innovations in teaching for lecturers at all levels and disciplines.

Blended Learning Initiative

In August 2016, this newly laid-out initiative plan commenced with 'Blended Learning Awareness' workshop and 'Introduction to MOODLE,' set to reach out to all lecturers in stages. MOODLE that has been informally in operation was also upgraded and enhanced, ready to support the upcoming Blended Learning initiative.



▶ Induction course

The courses provided by TLC in Financial Year 2015/2016 include the following:

1. Induction course for beginner lecturers
2. Postgraduate Diploma in Education, Phases 1 & 2
3. Neuro-Linguistic Programme (NLP) for academics
4. Outcome Based Education (OBE) policy workshop
5. Outcome Based Education Online System (OBEOS) for various colleges
6. BLOOMS Taxonomy in postgraduate teaching and assessments
7. MOODLE training

The year 2016 also marked a turning point in UNITEN's choice of teaching and learning approaches. In tandem with BOLD initiative, TLC provides major support for Blended Learning initiative. In the months of April to August 2016, TLC and BOLD Blended Learning committee laid the 5-year groundwork plan for Blended Learning.

Teaching and learning facilities have also been upgraded to enhance teaching and learning experiences. Under the 'Vibrant Campus' initiative, most classrooms are now equipped with LCD projectors to support the use of multimedia in teaching. PBL classrooms are also in the pipeline. By the end of Financial Year 2015/2016, three PBL classrooms have been set up. These classrooms provide conducive environment for group work and activity-based teaching that promote active learning and learner-centred teaching. The provision of PBL classrooms is a perfect complement to Blended Learning goals.

Business Case Studies Exhibition

On top of the formal in-class activities, students are also exposed to exhibition-style presentation through design competitions and exhibitions. This is also an effort to showcase quality output from students where judges are invited from among the IAP members or representatives from professional

bodies in Malaysia such as the Institution of Engineers Malaysia (IEM) and The Institute of Electrical and Electronic Engineers (IEEE). In many occasions, sponsorships are also obtained from these professional bodies, which motivate our students to perform well in their tasks.



International Symposium & Exhibition





UNITEN is working dynamically towards its vision of becoming a leading global energy university that shapes a sustainable future alongside with its mission of striving to advance knowledge and learning experience through research and innovation that will best serve human society. Its research centers and academic communities are striving relentlessly on the same path to elevate UNITEN's research profile to a higher level. UNITEN was awarded 4-star by MyRA in 2016. A total of RM 9.09 million from 66 projects were secured in this financial year. A total of 59 medals were obtained in 6 expos held, and the percentage of staff involved in research raised to 67% in Financial Year 2015/2016. Besides that, the number of the research projects approved was 112 and it translates to a total amount of RM 5.03 million on the same fiscal year. Additionally, the total number of publications recorded was 1116.

Awards and Competitions

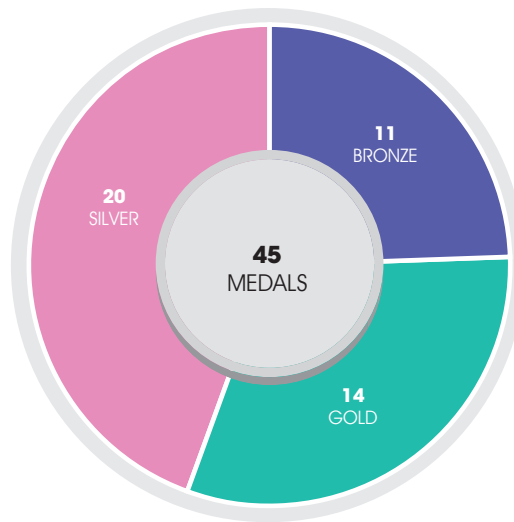
UNITEN Researchers participated in a total of 6 exhibitions and competitions in Financial Year 2015/2016. The exhibitions can be divided into (1) International (2) National and (3) Industrial. International competitions include Seoul International Invention Fair (SIIF2015) and *Werkgemeenschap voor Informatie- en Communicatietheorie* (WiC2016). Persidangan dan Ekspo Ciptaan Institusi Pengajian Tinggi Antarabangsa (PECIPTA2015), Malaysia Technology Expo (MTE2016) as well as The 27th International Invention & Innovation Exhibition (ITEX2016) are the national exhibitions and competitions. TNB Open Innovation Competition 2 (OIC2) is categorised as industrial exhibition and competition. A total of 59 medals and awards were bagged by our researchers.



Seoul International Invention Fair 2015 (SIIF2015)



Seoul International Invention Fair 2015 (SIIF2015)
 ▶ 2-5 December 2015



National Exhibitions and Competitions

UNITEN researchers won the most awards in the TNB Open Innovation Contest Season 2 (OIC2) which is an exhibition and competition organised by the industry. Our researchers won 3 awards based on various themes such as (1) Business Innovation Analytics and Application (2) Renewable Energy Business Expansion and (3) Enhancement of TNB's Productivity and Efficiency.



TNB Open Innovation Contest Season 2 (OIC2)
 ▶ 29 September 2016



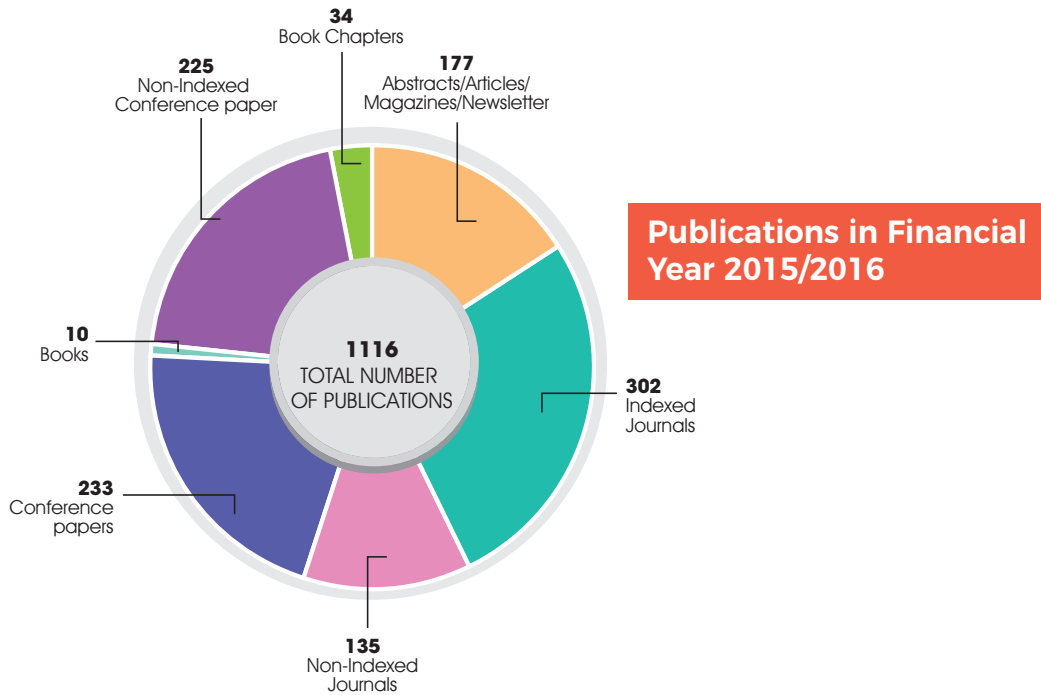
Exhibitions and Competitions Organised by Industries



TNB Open Innovation Contest Season 2 (OIC2)
▶ 29 September 2016

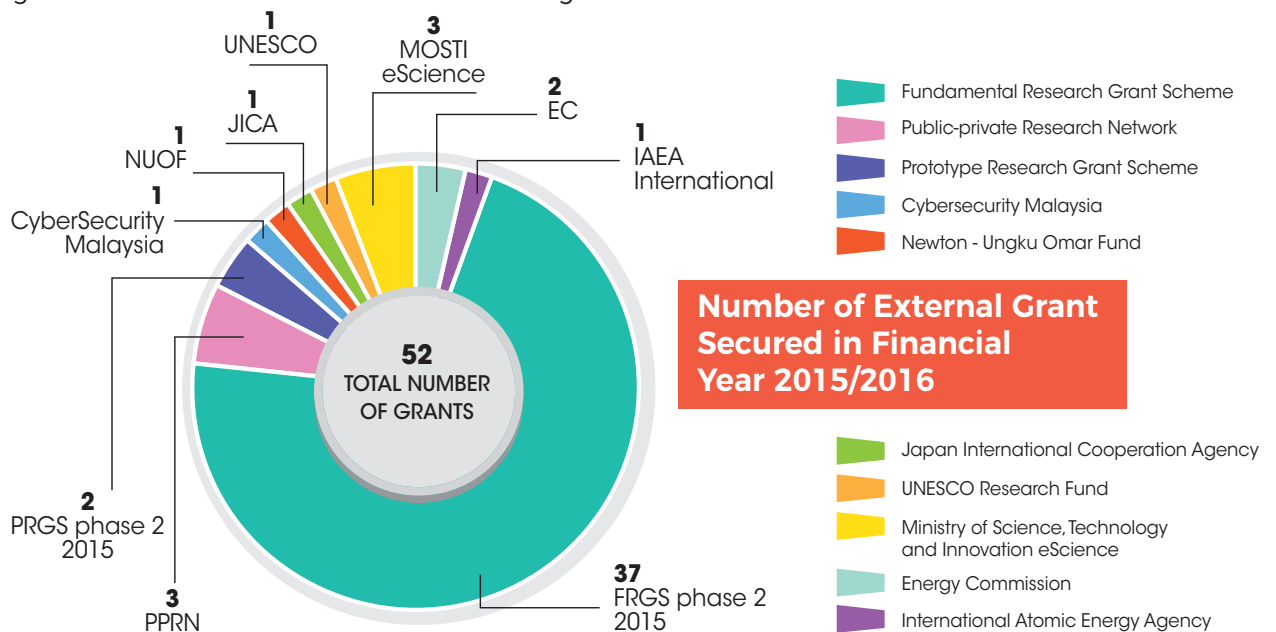
Publications

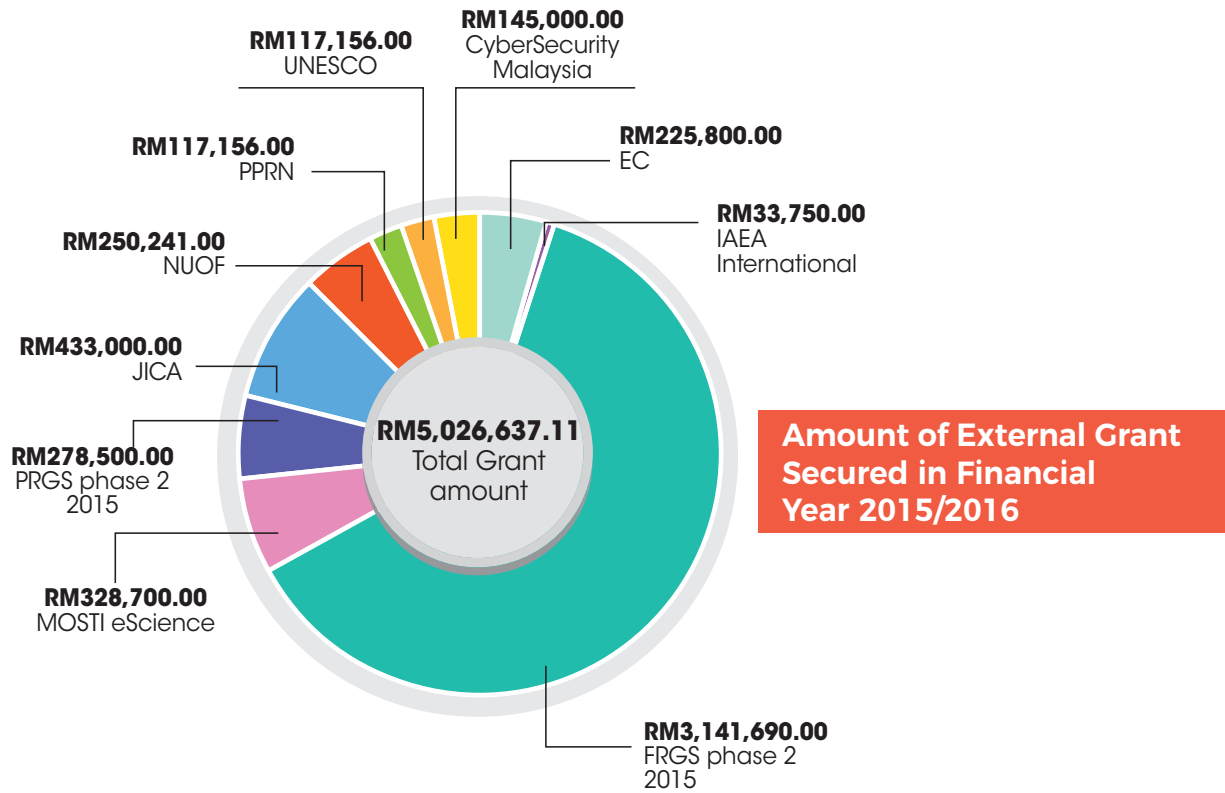
1116 publications were recorded in Financial Year 2015/2016. The publications include indexed journals, non-indexed journals, indexed conference papers, non-indexed conference papers, books, abstracts, articles, magazines, and newsletters.



Research Projects and Research Grants

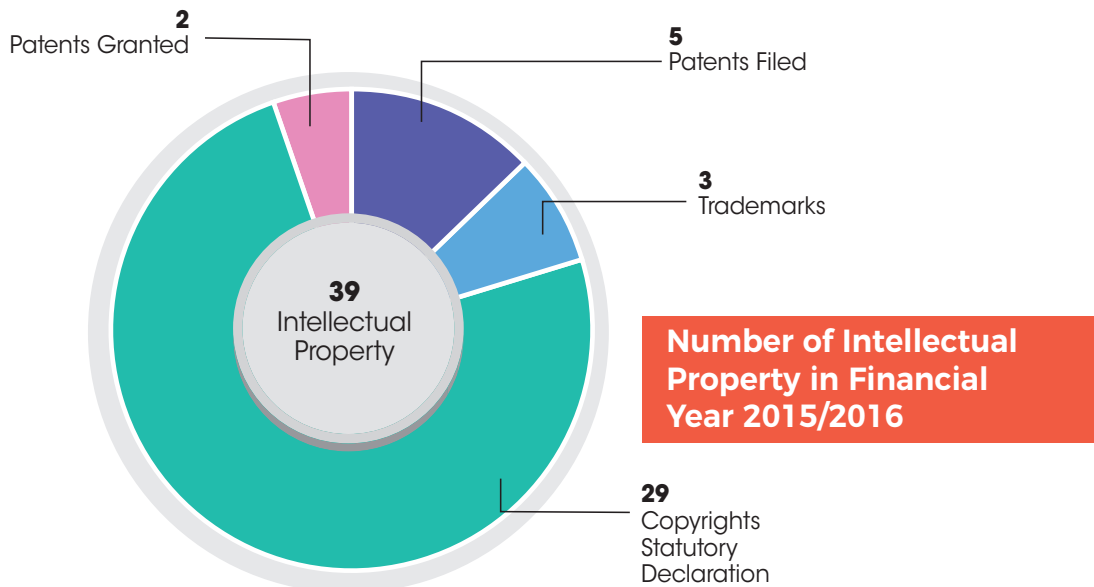
112 projects were approved in Financial Year 2015/2016 which consist of 52 external grants and 60 internal grants. A total of RM 5.03 million of external grant was secured.





IP, Patent and Trademark

2 patents were granted in Financial Year 2015/2016 and 5 new patents were filed. On top of that, 3 trademarks were filed and 29 copyrights were declared.

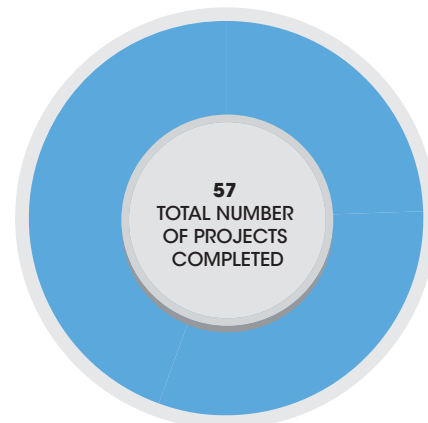
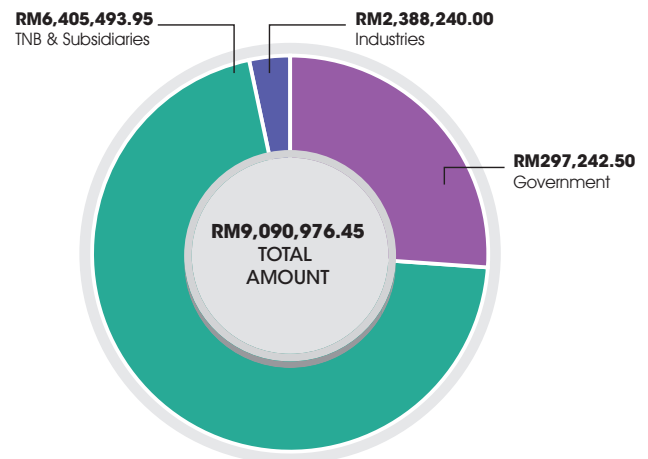
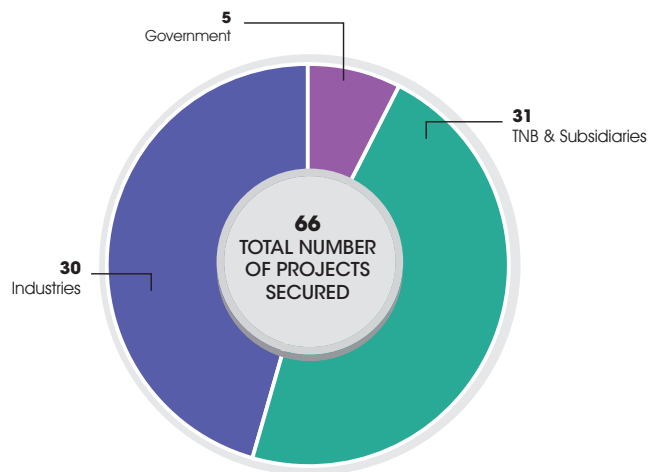


The details of the 2 IP granted are as below:

NO	TITLE	PROJECT LEADER	GRANT NO / GRANT DATE	PATENT DESCRIPTION
1	Energy-Efficient IEEE 802.15.4 Mac Protocol For Wireless Sensor Network Application	Sharifah Azwa Shaaya	MY-155125-A 15 Sept 2015	The invention relates generally to IEEE 802.15.4 standard which specifies the physical (PHY) layer and media access control (MAC) for low-ran wireless personal area networks (LR-WPAN), and more specifically to an energy-efficient MAC protocol for wireless sensor networks (WSN) application and developed based on IEEE 802.15.4 standard
2	Hierarchical Dynamic Bandwidth Allocation Algorithm with Russian Doll Allocation for EPON	Prof. Dr. Norashidah Md Din	MY-155480-A 30 Oct 2015	The invention relates to a Hierarchical Dynamic Bandwidth Allocation (HDBA) algorithm adapted for use in an Ethernet Passive Optical Network (EPON), the algorithm are being applied to enhance the Quality of Service (QoS) denoting applications in the EPON by improving the fairness and increasing the bandwidth utilisations

Contract Research & Consultancy Projects

66 contract research and consultancy projects were successfully secured under UNITEN R&D Sdn Bhd, INSPA and iRMC in Financial Year 2015/2016. 57 consultancy projects were completed in the same fiscal year.



As a subsidiary of UNITEN and research arm, UNITEN R&D Sdn. Bhd. takes the opportunity and responsibility to support TNB's aspiration by carrying out researches and consultation for the improvement of TNB's core business: power generation, distribution and transmission, UNITEN R&D Sdn Bhd is involved in various projects that directly relates to TNB such as 'Electromagnetic Field (EMF)' and "Penyediaan Laporan Simulasi Bagi Kesan EMF Kepada Kawasan Perumahan Yang Terlibat Dengan Pelaksanaan Projek Talian Penghantaran 275/132kV ke PMU Mahkota Cheras (TNB Transmission)" and 'SJ Chenderoh Water Level and Trash Rack Differential Monitoring System Installation (TNB Generation)'. Besides that, in terms of driving operation & cost efficiency, UNITEN R&D Sdn Bhd is also involved in projects such as 'Development of Manual for DC System' and 'Development of Operation Manual for Mobile Power Transformer and Other Manuals for Asset Management Department' for TNB Distribution.

Workshops and Training

55 workshops and trainings were held by iRMC, research centres and colleges in Financial Year 2015/2016. The workshops were mainly designed to help our researchers in preparing good research proposals, publishing their research outputs in high-indexed journals and also commercialising their research products.

UNITEN welcomed the Panel of Assessors for MyRA Site Audit in September 2015 where UNITEN was awarded 4-star Rating for MyRA.

Activities



1

Hand-over Ceremony of the Inaugural SATREPS Research Output (JICA Project)

► 17 March 2016



2 Hand-over Ceremony of the Inaugural SATREPS Research Output (JICA Project)
 ▶ 17 March 2016

3 2nd International Conference on Advances in Renewable Energy Technology (ICARET2016)
 ▶ 23 - 24 February 2016

4 **5** International Forum on Global Energy Landscape (IFGE 2016)
 ▶ 5-6 December 2016

6 **7** MyRA Audit
 ▶ 3 September 2015



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8 MyRA Audit
▶ 3 September 2015

9 MyRA Audit
▶ 3 September 2015

10 MyRA result announcement by MOHE
▶ 30 November 2015

11 12 13

Public Lecture by Prof Ken Koyama
The Chair in Energy Economics of
Energy Commission at UNITEN
▶ 7 December 2015



14 *Professorial Lecture Series 1*
by Prof Dr. Md Zaini
Jamaludin
▶ 28 October 2015

15 16 17 18 19 20
Tokyo Tech and Hitachi-GE Nuclear
Engineering Course in Malaysia
▶ 26-28 October 2015



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21 *International Symposium & Exhibition on Business and Accounting 2016 (ISEBA 2016)*
▶ 4 May 2016

22 *Meeting with Deputy Minister of MOSTI at Putrajaya*
▶ 30 August 2016

23 *Postgraduate Research Exposition 2016 (REXPO 2016)*
▶ 12 April 2016

24 *Meeting with Deputy Minister of MOSTI at Putrajaya*
▶ 30 August 2016

25 *Colloquium Series 6: Thin-Film Solar Cell and Solar Charge Controller Development for Smart Energy Harvesting*
▶ 30 October 2015



UNITEN student development revolves around the philosophy and objectives of Malaysian education system as gazetted in the “Falsafah Pendidikan Negara”. The objective is to produce all-rounded and resilient graduates that are also equipped with skills to withstand the challenges and demand of their respective professional. More importantly, it contributes to a competent future of civil community, upholding integrity and ethical values in our society. Building upon the principles of the “Falsafah Pendidikan Negara”, several key elements that are simple enough for the students to associate and relate to are translated from a given number of skill-sets and values. Elements of skill-sets are leadership, communication, problem-solving, interpersonal, analytical and adequate ICT skills. Elements of values consist of spiritual, civilisation, moral and ethics, culture and universal values. These include values and characters that are easily understood and remembered based on the acronym, IHSAN, which calls upon them to uphold and propagate, when engaged in any activities. The university attempts to integrate the spirit of compassion and benevolence so as to create an identity and build an exemplary character among them. The term IHSAN refers to:

- ▶ Integrity
- ▶ Humanity
- ▶ Sincerity
- ▶ Accountability and
- ▶ Nobility

The idea in this philosophy is to encapsulate the values and skill-sets through the various levels of participation and involvement in activities and programmes of the university, employing the elements of IHSAN as a sign-post and beacon to ensure proper and guided manifestation of the desired values.

Five identified major grouping activities were formed in order to run a structured and well-organised engagement programmes for student development at the university. The five major grouping activities are divided into the following core elements:

- ▶ Spiritual Values and Civilisational
- ▶ Leadership and Intellectual
- ▶ Sports and Recreational
- ▶ Arts and Cultural
- ▶ Communication and Entrepreneurship

We are proud of our students and their achievements. It has always been our intention to develop students to be all-rounded individuals with broad intellectual insight.

Hockey Tournament



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1 MALAYSIAN WOMEN HOCKEY LEAGUE (TNBMHL) 2015

Pusat Kecemerlangan Sukan (PKS) UNITEN – MOHE was crowned the champion of the Malaysian Women Hockey League (TNBMHL) 2015 and the best player of the tournament, best player of the finals and best goalkeeper awards were awarded to PKS UNITEN – KPT MOHE players (31/7 – 24/10/15).

2 QNET SELANGOR HOCKEY LEAGUE 2015

UNITEN Women Hockey Team was crowned the champion of the QuesNett (QNET) Selangor Hockey League 2015. Nur Aina Nordin from UNITEN was awarded the best goalkeeper of the tournament (17/9 – 30/10/15).

3 KEJOHANAN HOKI MAJLIS SUKAN IPTS MALAYSIA (MASISWA) 2016

UNITEN Women Hockey Team was crowned the champion of Kejuhanan Hoki Majlis Sukan IPTS Malaysia (MASISWA) 2016 at Stadium Hoki Nasional, Bukit Jalil (23/4/16).

4 KEJOHANAN HOKI MAJLIS SUKAN IPTS MALAYSIA (MASISWA) 2016

UNITEN Men Hockey Team was crowned the champion of MASISWA 2016 at Stadium Hoki Nasional, Bukit Jalil (23/4/16).

5 KEJOHANAN HOKI UNITEN – KPT 2016

UNITEN was the 2nd runner up for Men & Women Hockey Team during Kejuhanan Hoki UNITEN – MOHE 2016 at Stadium Hoki Nasional, Bukit Jalil (2 – 4/6/16).

Hockey Tournament



6

MUHAMMAD FIRDAUS OMAR, a student enrolled in Diploma in Mechanical Engineering, UNITEN, was selected to the Malaysian Hockey Team for the Sultan of Johor Cup 2016, the Australia Hockey League 2016, the Japan - New Zealand Tour 2016 and the Sea Games 2015 (obtained Gold Medal).

7

NUR AISYAH YAACOB, a student graduated with Bachelor of Mechanical Engineering (Hons.) from UNITEN represented the Malaysian Women Hockey Team at the World League Round 1/2015 in India and the Tour Japan 2016

8

NOORAIN MOHD ARSHAD, a student of Bachelor of Information Technology (Information System) (Hons.), UNITEN, represented the Malaysian Women Hockey Team for the SEA Games 2015 (obtained Gold Medal) and the Perth Australia Tour 2016.

9

NUR ZAFIRAH AZIZ, a student of Diploma in Mechanical Engineering, UNITEN, took part in the Malaysian Women Hockey Team for the Asian Champion Trophy 2016, Malaysia Tour to Japan and Australia and Malaysia U-18.

10

PRIYANGGA S. JAYARAJAH, a student of Diploma in Computer Science, UNITEN, represented the Malaysian Women Hockey Team to the Hong Kong Invitation Tournament 2016 and the Tour Australia 2016.

Sukan Malaysia (SUKMA) 2016



16 UNITEN students participated in Sukan Malaysia (SUKMA) 2016 from 23 July until 31 July 2016 in categories such as hockey, archery, karate-do and petanque. We are proud that our students managed to contribute medals for their respective states.

Nur Aisyah Yaacob, Norashikin Ruzmi and Nurnabilah Rosli won the gold Medal for the women hockey's team. Afifah Shazana Mazlan who represented Malacca won the silver medal for petanque women single and triple team. Nastenka Sureshar who represented the state of Pahang won bronze medal for Kumite Karate Do. Nur Zafirah Aziz who represented the state of Negeri Sembilan and Nur Fatin Zariza Aziz who represented Kuala Lumpur won the bronze medal for the women hockey team.

Sukan Institusi Pendidikan Tinggi (SUKIPT) 2016



46 athletes and 10 officers represented UNITEN to participate in Sukan Institusi Pengajian Tinggi (SUKIPT) 2016 on 25 January – 5 February 2016 at Universiti Teknologi Malaysia, Skudai Johor. UNITEN participated in Men Hockey, Women Hockey, Archery, Taekwondo, Karate Do, Men Chess, Women Chess, Athletic, Tenpin Bowling, Men Petanque and Women Petanque. Our athletes managed to secure 1 Gold, 3 Silver and 1 Bronze medals.

ASEAN University Games 2016



Mohamad Intizam Mohd Noor a student of UNITEN was selected to represent Malaysia in ASEAN University Games 2016 (AUG2016). Mohamad Intizam Mohd Noor represented Malaysia in Petanque in which he won a Bronze medal for Malaysia. Overall medal tally for Malaysia contingent was 27 Gold, 31 Silver and 35 Bronze medals. Malaysia was ranked 3rd out of 11 participating countries.

Huawei Seeds for the Future 2015



2 students from COE, UNITEN were selected to participate in the Huawei Seeds for the Future 2015 programme that was held in Beijing and Shenzhen, Republic of China from 17 October 2015 to 31 October 2015. Nurul Aswani Aswaid, Bachelor of Computer and Communication Engineering (Hons.) undergraduate and Khor Wooi Teck, Bachelor of Electrical and Electronic Engineering (Hons.) undergraduate were selected due to their outstanding achievements in both academic and co-curricular activities. The Huawei Seeds for the Future programme highlighted the collaboration between Malaysia Ministry of Higher Education (MOHE) and Huawei Technologies Sdn. Bhd.

NetRiders Competition Round 2 2015



This national level competition was held on 1 October 2015 and UNITEN team secured the 3rd place in this competition.

Engineers for MAKNA Run 2016



Engineers for MAKNA Run 2016 which was organised by UNITEN students and held on 10 January 2016 gained national attention. The Institution of Engineers Malaysia-Society of Ingenieur (IEM-SIR) Student Section of UNITEN was the main organiser of the event. The run was held at the Loop, UNITEN Putrajaya campus in collaboration with the National Cancer Council (MAKNA). More than 1,000 participants from all walks of life participated in the run. Medals and certificates were presented to the first 100 participants who completed the run.

Mega Start-Up Weekend 2016



Mega Start-up Weekend 2016, organised by the Entrepreneurship Centre, Universiti Teknologi Mara (UTM) and initiated by Wadhvani Foundation, UNITEN Student Association (USA) featured 8 students from COBA and 1 student from CFGS. There were two categories, Social Innovation and Internet of Things. UNITEN won the grand prize for the first category which was Social Innovation and the 1st Runner Up and for the second category, Internet of Things.

Pertandingan Gamelan Melayu Peringkat Kebangsaan 2015



“Gema Gamelan” of UNITEN was successfully qualified to the Final Competition of “Gamelan Melayu Peringkat Kebangsaan 2015” which was held at the Gong Badak Indoor Stadium, Kuala Terengganu, Terengganu. Our “Gema Gamelan” managed to secure 5th placing with the performance of “Lambang Sari” for the traditional category and “Muzikarama Mimpi” for new arrangement category. The songs were composed by Mr. Mohd Faliq Che Adeni and the team performance was choreographed by Mrs. Nur Shazura Roslan.

Gema Gamelan



The first showcase of “Gema Gamelan” in UNITEN was successfully organised by the Sports and Cultural Unit. The two-hour showcase of traditional “Gamelan” and new songs arrangement were performed by the team which has been established since 2000. The “Gema Gamelan” performance was further enhanced by the presence of “Gemadari” dance group who performed a series of both “Gamelan” and contemporary dances.



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ENSEMBLES OF GAMELAN 2016

The event featured live performances of “Gamelan” teams from various Malaysian and Indonesian institutions. 25 “Gema Gamelan” musicians and 5 technical crews performed “Mimpi”, composed by Mr. Mohd Faliq Che Adeni and choreographed by Mrs. Nur Shazura at the event. It’s more than just music, it’s breathtaking.

2

FESTIVAL COLOURS OF THE WORLD (FESCO)

Gematari UNITEN won the 2nd Runner Up at FESCO 2016 with ‘Asli and Inang Dance entitled Hiasan Si Tanjung Idaman’ choreographed by Mr. M Khairul from Aswara. This event was participated by ‘Citra Seni’ UNITEN KSHAS, UiTM, Taylor’s, UM, UKM, UMT, UniSZA, UMS, UPSI, USM, UUM, Nilai University, ASWARA and UNIMAS.

3

PERTANDINGAN TARIAN ZAPIN JOHOR 2016

UNITEN “Gematari” was selected to participate in “Pertandingan Zapin Johor MAKUM 2016” with “Zapin Pat Lipat” entitled “Semerah Padi”. This was our first appearance in MAKUM with students from COE and COIT and UNITEN was the only IPTS selected while the rest of the 12 teams were from public universities.

Global Exchange & Mobility (360 GEM)

The internationalisation of higher education has made student mobility programme an essential part of university learning process. UNITEN, in the effort to internationalise the brand and identity, has made the commitment to embark on student mobility through a programme called 360 GEM.

360 GEM for academic study offers two types of mobility programme, inbound and outbound. Outbound mobility offers UNITEN students the opportunity to explore the world, while inbound mobility receives students from partnering universities abroad to study for 1 to 2 semesters in UNITEN.

UNITEN has established lasting partnership with several universities and higher learning institutions abroad to conduct student mobility programme through a formal exchange agreement. This is to ensure cooperation in subject registration, credit transfer, admission procedure, immigration documentation and financial matters.

360 GEM aims to accomplish the following objectives:

- ▶ To provide an affordable opportunity to study in a university abroad.
- ▶ To provide an opportunity for students to experience living abroad and learning about a different countries and institutions.
- ▶ To learn and gain a broader understanding about different cultures, different surroundings and to be updated on global issues.
- ▶ To increase global network, make new friends and establish international connections.
- ▶ To give experience of travelling while studying which can be a very enriching experience.
- ▶ To enhance future job prospects globally.
- ▶ To increase foreign language proficiency.

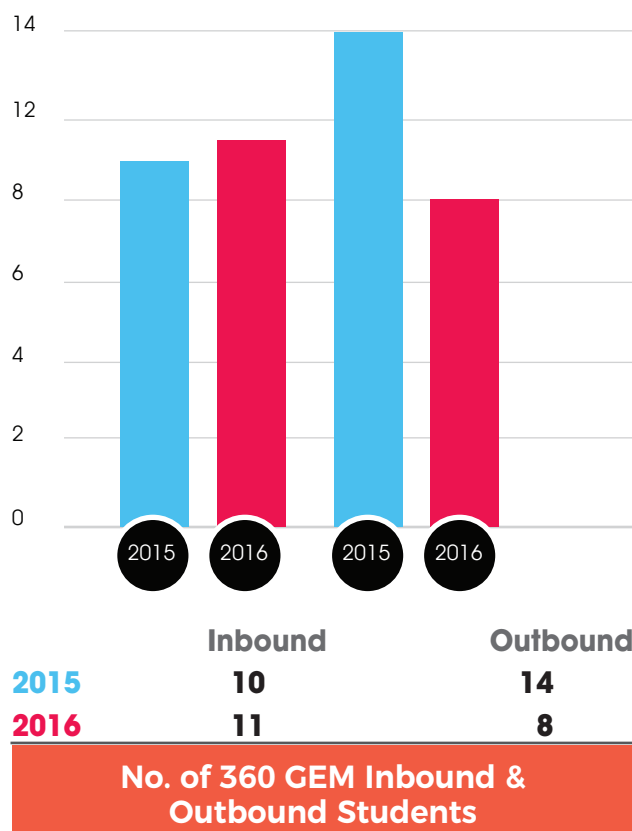
360 GEM Categories

Inbound:

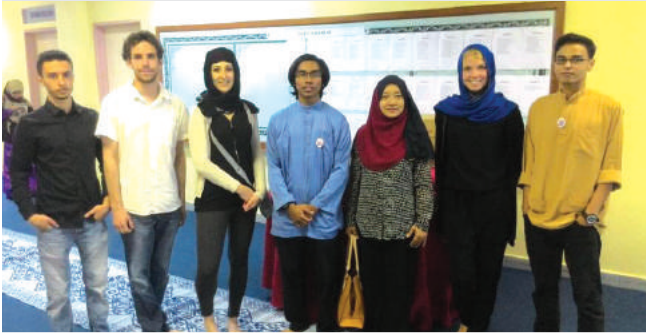
- ▶ Oversea Transfer Programme
- ▶ Student Exchange (1-2 Semesters)
- ▶ Study Abroad (1-2 Semesters)
- ▶ Educational visit (Min. 3 days) (Conference/Visit/ Training)
- ▶ Research/Industrial Attachment/Internship
- ▶ Short Course (Intensive English Programme (IEP)/ Language/Culture/etc.)

Outbound:

- ▶ Oversea Transfer Programme
- ▶ Student Exchange (1-2 Semesters)
- ▶ Study Abroad (1-2 Semesters)
- ▶ Educational visit (Min. 3 days) (Conference/Visit/ Training)
- ▶ Research/Industrial Attachment/Internship
- ▶ Short Course (IEP/Language/Culture/etc.)



INBOUND



UNITEN International Student Society (ISS) Iftar



Student from France



Student from Germany



Student Mobility Programme



OUTBOUND



Student Mobility Programme



Student Mobility Programme (SMP) to UDE, Germany



360 GEM to Waterfront Institute of Technology, Ireland.

Employment of UNITEN Graduates

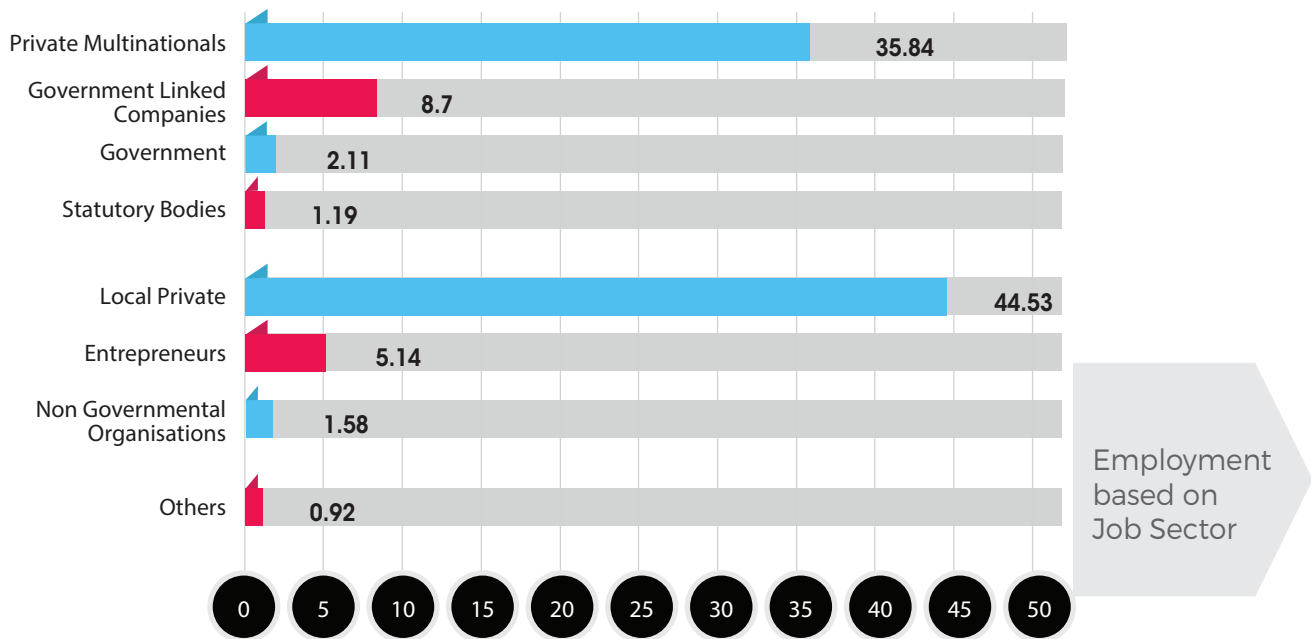
UNITEN through Career Unit, Sponsorship, Career and Alumni Centre has intensively conducted career related activities and programmes to assist UNITEN students to be highly employable after completing their studies or to be offered jobs while they are in the final year. The initiatives to facilitate UNITEN students to be prepared for jobs include engaging potential employers to provide insight to UNITEN students on future job nature and expectations. It includes inviting speakers from reputable companies such as Schneider Electric, Schlumberger, Shell and Denso to give a career talk to students. These career talks not only provide a platform for students to get information about employers but also for them to interact and explore opportunities for internship and job opportunities.

In addition to that, employers like UEM Sunrise, UMW-Toyota, Top Glove and Tateyama were invited to conduct an open interview as one of pre-hiring initiatives. This kind of engagement benefits students as they will be able to secure jobs before their graduation. Apart from that, they may experience interview processes.

Besides, Annual Career Fair plays an important role as a meeting point of employers and students. Employers will secure suitable candidates to work with them whereas students will secure jobs or internship placements.

The Career Unit also conducts programmes to enhance soft skills such as 'CV and Interview Strategy, Leadership Development Skills' and Presentation Skills. These programmes help to equip students with skills needed by employers other than academic qualifications.





The career development programmes and activities have helped UNITEEN students in securing employment which contributes to the high employability rate. Not only that, it has also developed students to become entrepreneurs, and provide employment opportunities to others.

97.2% of UNITEEN graduates secured jobs within 6 months after completing their studies. UNITEEN has recorded employment rates of over 95%. COBA obtains the highest employability rate of 99.6%, followed by COIT and CFGS, which are 97.3% and 97.2% respectively. The employability rate of COGS is 96.97% while COE is 95.8%.

Most of UNITEEN graduates work with prestige companies. 44.53% of them work with local private companies while 35.84% work with private multinational companies. On the other hand, UNITEEN graduates are also job creators where 5.14% of them become entrepreneurs. It aligns with one of the objectives in National Blue Print, to encourage graduates to be job creators instead of job seekers. Next, 8.7% of them work with Government Linked Companies and the remaining 5.8% work with Government, Non-Governmental Organisations, Statutory Bodies and others.

Additionally, 45.57% of UNITEEN graduates earn a monthly salary of more than RM2,500 and 52.78% of them earn a monthly salary between RM2,001-RM3,000 which is at par with the average salary of fresh graduates. It shows that our graduates are equally valued with their qualifications.

A Glimpse of Our Alumni Achievers

UNITEN is committed to keeping and strengthening a rewarding, long-term relationship with the alumni. As UNITEN graduates, the alumni can still benefit from many opportunities offered at UNITEN for instance, keeping in touch with faculty members and research groups to share and learn the changing trends in their fields.

Sponsorship, Career & Alumni Centre (SCA) was previously known as Alumni Relations Centre (ARC) in April 2007 to connect our alumni to their alma mater. Later, the Career Unit and Sponsorship Unit joined the services. The centre is now known as the Alumni, Career & Sponsorship Centre.

The Alumni Unit strives to build life-long relationships between alumni, students and UNITEN. It develops and maintains database of UNITEN Alumni and is always in regular communications with alumni through emails, alumni portal, Facebook, telephone, and visits. The unit also manages and plays active roles in the UNITEN Alumni Association.

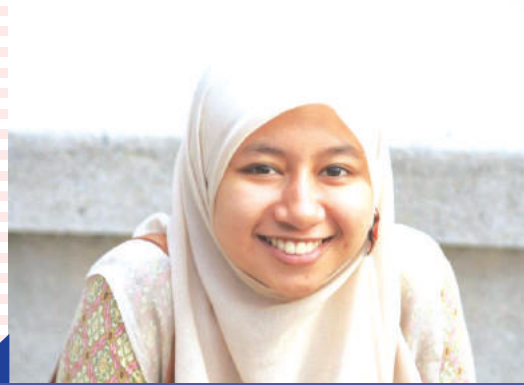
Alumni are invited to get involved in the Alumni Service specifically devoted to keep UNITEN alumni updated and networked over the years (through a continuously up-to-date database) and provide exclusive job opportunities information in their areas. Among the benefits of their active participation in alumni activities are receiving the instructions on the subscription to UNITEN Career Service, and getting the chance to explore higher education opportunities such as postgraduate programmes. With nearly 25, 000 UNITEN alumni since the pioneering alumni class graduated in year 2000, we have numerous success stories to share. Learn more about some of our most dedicated, successful and engaging alumni as highlighted in the UNITEN Alumni Highlight.

UNITEN Alumni Highlight



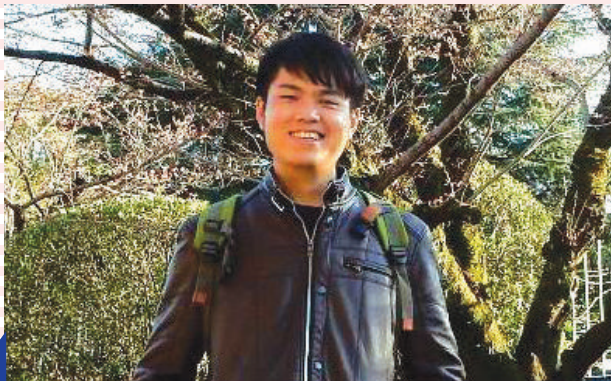
ADAM RAMSKAY AFFENDEE RAMSKAY

Adam Ramskay Affendee Ramskay graduated with a degree in Bachelor of Electrical and Electronics Engineering (Hons.) (2006) from UNITEN. He joined Cradle Fund Sdn Bhd (Cradle) in 2016 and is currently responsible as the Marketing Manager supporting several services for the company mainly in marketing, corporate communications, public relations and is dedicated at developing Cradle's entrepreneurs through community building initiatives which was launched in February 2017.



DALILA HUSNA YUNARDI

Dalila Husna Yunardi graduated from UNITEN with a degree in Bachelor of Computer Science (Software Engineering) (Hons.) in 2010. She later obtained a degree in Master of Advance Software Engineering from Leeds Beckett University, United Kingdom. Currently, she holds the position as the Deputy for Staff Service for International Student and Mobility Programme, Syiah Kuala University, Indonesia.



GOH KUEN LUEN

Goh Kuen Luen graduated with a degree in Bachelor of Electrical Power Engineering (Hons.) from UNITEN in year 2015. He obtained two prestigious awards that include 'Malakoff Award for Best Electrical Power Engineering Graduate (Academic)' alongside with 'Vice-Chancellor Award for Best Student for the Bachelor of Electrical Power Engineering (Hons.) Programme'. He was later fully sponsored by ASEAN Graduate Scholarship to pursue Master of Science in Power Engineering at Nanyang Technological University (NTU), Singapore.



MOHD FAIRUZ A GHANI

Mohd Fairuz A Ghani is a graduate of UNITEN in 2007 with a degree in Bachelor of Accounting (Hons.). After his graduation, he obtained a professional degree in ACCA, Finance/Accountancy in 2012. He is currently a Manager at Zurich Takaful Berhad.



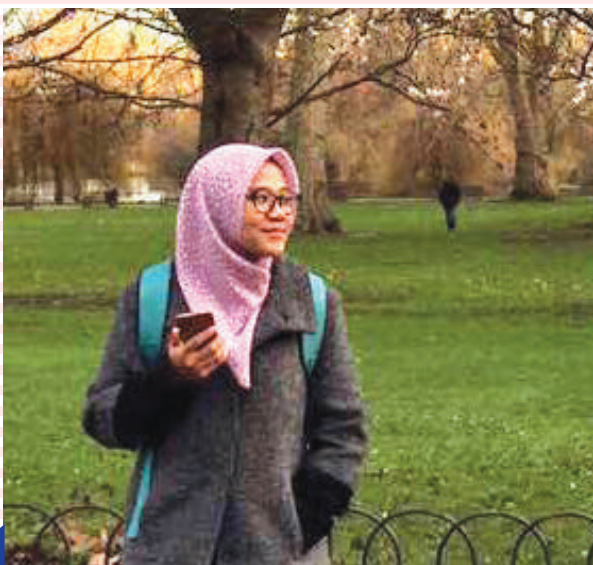
NIK MOHAMED HUSNI NIK ALI

Nik Mohamed Husni Nik Ali graduated with a Bachelor of Business Administration (Hons.). He accomplished his degree in Finance (2004) from UNITEN. He is now working as a counselor with the Ministry of Agriculture and Agro-Based Industry at the Embassy of Malaysia, Washington DC, USA. He also obtained a Diploma in Public Administration in 2005.



DR. NOR SAMSIAH HAJI SANI

Dr. Nor Samsiah Haji Sani graduated in 2005 with a degree in Bachelor of Information Technology (Hons.) from UNITEN. Currently she works at National University of Malaysia (UKM) as a senior lecturer. Among the awards she has won are gold medal for British Invention Show (BIS) 2007 and Excellent Service Award from Institut Pengurusan Penyelidikan dan Perundingan, Universiti Malaya in 2007.



NUR ALIA MOHD SA'AD

Nur Alia Mohd Sa'ad graduated from UNITEN with a first-class degree in Bachelor of Accounting (Hons.) in 2016. She was sponsored by Khazanah Nasional Berhad to undergo a Graduate-Trainee Chartered Accountant programme (GTCA) for 4 years in United Kingdom afterwards.



DR. REZAL KHAIRI AHMAD

Dr. Rezal Khairi Ahmad graduated with a degree in Master of Electrical Engineering from UNITEN in 2002 and has held position as an Electronic Engineer in ICT Division of TNB. As an entrepreneur, he held the role of Business Development Director of a start-up, My Events Sdn Bhd in 2000. After graduated with a PhD in Nanotechnology in 2011, he served as Vice-President at Khazanah Nasional. In 2012, he assumed the role of Acting under Secretary of National Nanotechnology Directorate. Subsequently in 2013, he was appointed as Chief Executive Officer of Nano Malaysia in February 2013.



SABRALIYEV ALIBEK

Sabraliyev Alibek graduated in 2013 with a degree in Bachelor of Computer Science (System and Networking) (Hons.). He is currently the Acting Director at Intervale Kazakhstan LLC.



SYAHHIZAL HASHIM

Syahhizal Hashim graduated in UNITEN with a degree in Bachelor of Information Technology in 2013. He is now working as an IT Consultant at MSC Trustgate.com Sdn. Bhd under Information Technology and Service. Syahhizal Hashim formerly worked for MSL Trustgate Sdn. Bhd, Hewlett Packard Enterprise, as well as LMS Technology Distribution Sdn. Bhd.



ZACHARIAS DHANARAJ

Dhanaraj Zacharias graduated with a degree in Bachelor of Business Administration (Hons.) in Human Resource Management from UNITEN in 2006. He is a member of Malaysia Institute of Human Resources Management (MIHRM) and Malaysian Institute of Management (MIM). He currently works at Sunway Resort Hotel and Spa where he leads the organisation-wide recruitment & selection, Employee Relation, Safety & Health, Casual Labour.

UNITEN Alumni Activities



At present, there are more than 25,000 UNITEN Alumni from over 100 countries. UNITEN organised a glittering, UNITEN Alumni Homecoming 2016 ceremony on 23 July 2016 at DSS, UNITEN Putrajaya Campus. The main objective of this homecoming event is to gather the alumni in order to celebrate the 20th anniversary of the establishment of UNITEN. In addition, the purpose of this programme was to strengthen an on-going relationship between UNITEN and alumni as well as reminiscing the good old days as UNITEN students.



Introduction

In Financial Year 2016, UNITEN has raised RM10,980,000.00 through its endowment fund initiatives such as Staff/Alumni Salary Deduction Schemes, fundraising activities and donations from corporate organisations and individuals. In general, there are two types of contributions of endowment fund recognised by UNITEN namely:

i) Direct

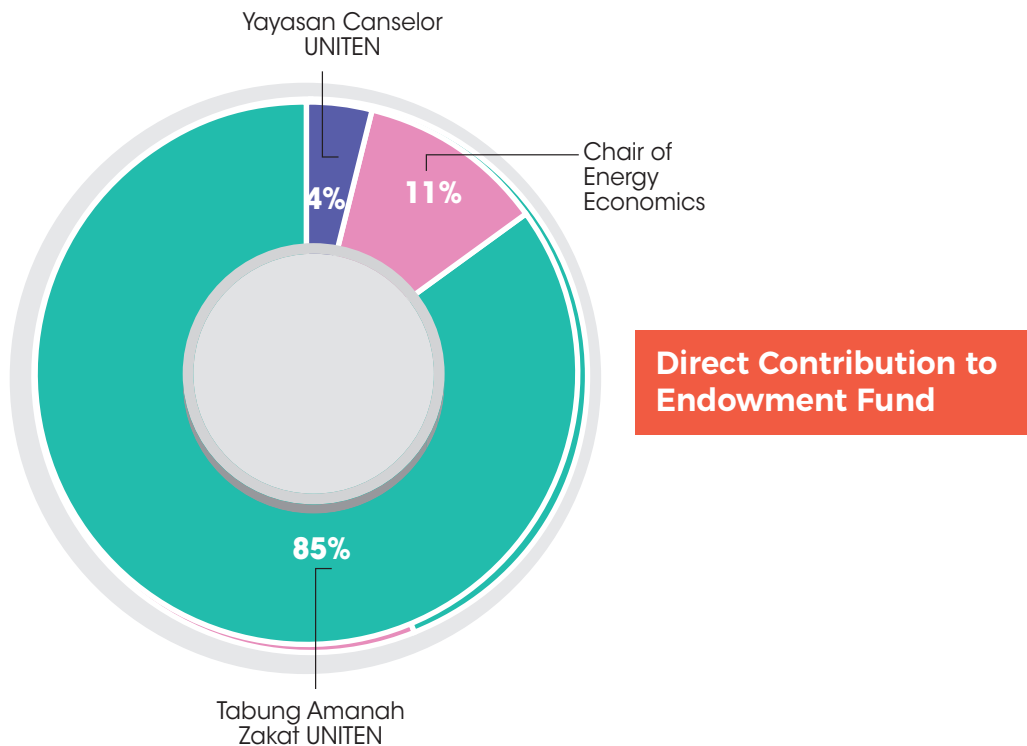
This refers to monetary contribution to UNITEN's endowment fund. In Financial Year 2015/2016, the contributions were made through the following units:

- a. Tabung Amanah Zakat UNITEN (TAZU)
- b. Yayasan Canselor UNITEN (YCU)
- c. Institute of Energy Policy & Research (IEPRe)

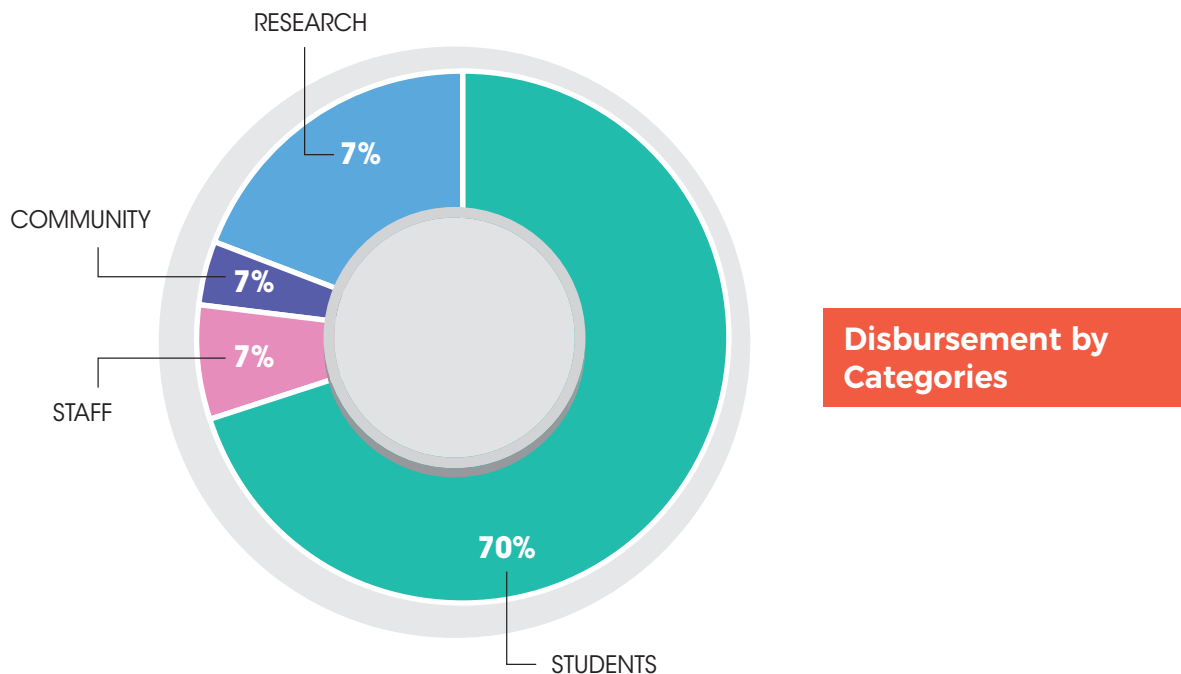
ii) Indirect

This refers to the total value of 'gifts' (money, equipment, research materials, etc.) received from external parties.

In terms of direct contribution to the Endowment Fund, the largest source of contribution was from TAZU with 85% (RM 7.53 mil), while Chair of Energy Economics and YCU contributed 11% (RM 1 mil) and 4% (RM 388K) respectively.



From the direct contribution, a total of RM 5.2 mil has been disbursed. The distribution covers 4 categories of recipients or activities, which are students, staff, community and research.



In Financial Year 2015/2016, a total of 530 students received financial assistance from TAZU and YCU.

Eligible students who were categorised as 'asnaf' were selected as the recipients from TAZU. TAZU disbursed the contribution through its initiatives such as the following:

- Syawal Gifts
- Financial Assistance for Excellent Students
- Engineering Tahfiz Scholarships

Similarly, TAZU also disbursed the 'zakat' contribution to help 'asnaf' among UNITEN staff as well as the community.

Meanwhile, YCU offered financial support known as Dermasiswa to UNITEN students in the last Financial Year. In addition, YCU also gave awards to 75 excellent students based on sponsorships received from industries. During UNITEN convocation in August 2016, 3 students received Canselor Award from YCU as a recognition of their academic and non-academic excellence while studying at UNITEN. YCU also contributed to student and community programmes such as 'Bicara Inspirasi Kejayaan' and Confirm A @UNITEN.

Activities Highlights

TAZU



TAZU

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Syawal Gifts for Students

2

Financial Assistance for Excellent Students

3

Jejak Sahabat Prihatin

4

Engineering Tahfiz Scholarships

YCU



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2



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4



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1 Alumni Endowment Fund

3 Anugerah Industri Graduan

5 Confirm A@UNITEN

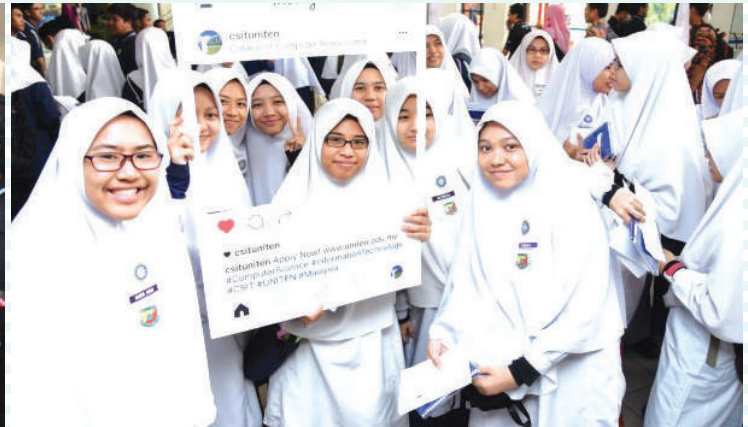
2 Bicara Inspirasi Kejayaan

4 Stand by You Campaign

ANUGERAH INDUSTRI GRADUAN 2016



BICARA INSPIRASI KEJAYAAN 2016



CONFIRM A@UNITEN UPSR & SPM CHALLENGE 2015 AWARDS CEREMONY



MAJLIS IFTAR PERDANA 2016



“STAND BY YOU” LAUNCHING







In the year 2016, there has been a commendable improvement in overall UNITEN academic and research performance whilst achieving a break-even financial status.

Higher education industry is very competitive locally as well as globally. University ranking by various assessors is perceived as the measure of success for a university. The Education Hub project was launched this year for UNITEN and ILSAS to develop a strategic plan to synergise and promote both entities whilst improving the standings locally, regionally and globally.

BOLD 2025 Strategic Plan with the aspiration to be a globally competitive energy focused university has been introduced to further elevate UNITEN in support of the Malaysian Education Blueprint. The goals of BOLD 2025 Strategic Plan are to achieve teaching and learning excellence, research excellence and ensure financial sustainability for the university. This plan is to help the university in generating more income, increasing academic productivity, strengthening research, supporting student development and creating an entrepreneurial learning environment. A total of RM258 million has been allocated for this transformation programme from 2017 - 2019.

The first targeted outcome of BOLD2025 Strategic Plan will start to materialise in year 2017. UNITEN aspires to be the top teaching and learning university in Malaysia, hence targeting Tier-6 SETARA for teaching and learning category. UNITEN is adopting blended learning. Leveraging on the use

of technology and innovation is proven to satisfy the students' learning style and improve their learning outcomes. A target of 1500 students are involved in the first phase of this implementation.

UNITEN seeks partnership with renowned institutions to develop a close connection to collaborate in research, teaching and learning areas whilst enhancing the reputation. A new multidisciplinary Master in Energy Management programme is currently being designed, focusing on energy that combines topics from engineering, IT and business areas. The target for this programme to be offered is in the third quarter of 2017. This multidisciplinary programme will serve the needs of energy managers and professionals locally and internationally.

The university is working towards building a conducive and enhanced teaching, learning and vibrant campus environment. In 2017, a digital infrastructure upgrade is planned to support the enhancement of the learning environment. The project includes an upgrade in the ICT infrastructure connecting both campuses of Putrajaya and KSHAS as well as the Internet speed to 10 Gbps, the highest speed in Malaysia to date.

UNITEN Entrepreneurship Centre will be launched in 2017 to support the policy of the Ministry of Higher Education on developing holistic and entrepreneurial students. This centre will be offering a holistic education and entrepreneurship plan for potential students who will create more jobs for the nation.

Similarly in support of the Talent Excellent Plan under the Blueprint, UNITEN is establishing talent development pathways for the academic staff to attract and retain the best talents in the university. The multi-track career development plan allows academicians to attain higher individual achievements in their chosen paths by preparing and providing support for their roles in advancing education and knowledge through flexible and thorough evaluation. This multi-track plan will be launched by 2017.

In order to diversify the revenue stream, UNITEN is also working on more strategic and coordinated fundraising initiatives to boost the current effort by both YCU and TAZU whilst strengthening the collaboration with the various industries to create more pre-hire and sponsoring opportunities for students.

Moving forward, UNITEN needs to enlarge the student database to incorporate more of those from affluent background and increase the international students intake. This is to ensure a healthy diversity of student population to enrich the learning experience within the campus.

Since the inception in 1997, UNITEN has experienced rapid growth and remarkable achievements. In 2017, UNITEN will be celebrating 20th anniversary with the theme of 'Celebrating the Past, Igniting the Future' and meaningful activities have been scheduled for this memorable celebration. It is hoped that the year 2017 continues to bring enormous prosperity, growth and achievements to the university.

UNITEN BOLD2025 STRATEGIC PLAN

"Building Opportunities, Living Dreams 2025" (BOLD2025)





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