



In celebration of PSA's  
first batch of graduands for  
the Bachelor of Technology in  
Facility Management  
with Honours

## CONTENTS

A Note from the Editors.....

Director's Review.....

Message from the Industry Partner.....

Management Team.....

Advisory Committee.....

Curriculum Advisory Committee.....

Milestones.....

In Focus: Degree Programmes.....

The Alumni.....

Be Your Own Success Story.....

The Capsule Countdown.....

Centres of Excellence.....

Visitors: From Far and Near.....

Facts & Figures.....

In the Spotlight.....

The Way Forward.....

The Editorial Board.....

# VISION

WE ARE THE PREFERRED CENTRE OF EXCELLENCE IN  
EDUCATION AND TRAINING.

# MISSION

EMBRACING EXCELLENT WORK CULTURE  
IN DEVELOPING HUMAN CAPITAL.



# A NOTE FROM THE EDITORS

ENDEAVOUR 2015 has been chosen as the brand name to our annual report as it reflects our revolutionized approach to its publication. This is a special edition as a parting tribute to the Director of PSA whose tenure comes to an end in the middle of 2016. What a significant year it has been. The past two years under the stewardship of the Director of the Polytechnic has seen many changes, some of which will appear in this publication. We, at the Editorial Desk would like to extend our gratitude and appreciation to the Director for his insights that led to the rejuvenated publication.

THE EDITORIAL DESK  
DECEMBER 2015





# DIRECTOR'S REVIEW



# 2015 in Perspective

It has been a busy but an exciting 2015 for Politeknik Sultan Salahuddin Abd Aziz Shah (PSA). Indeed it has lived up to the billing of a Premier Polytechnic as we have been aggressively engaging with the industry and community and have ventured to opening our doors to a new window of opportunities to be an international education provider. Significant changes in the way we do things led to the remarkable progress of the institution as the significant progress that has unfolded can be viewed in the pages that follow.

## **Introduction of Degree Level Programmes**

The ongoing degree level program that sees the collaboration between Universiti Tun Hussein Onn (UTHM) and PSA is already into the third year. This aside, we have developed our own and homegrown degree programmes and we are proud to announce that we will be graduating the first cohort of students for the Bachelor of Facility Management Technology in 2016. In addition to that we have just launched the Degree in Medical Electronics programme for our Diploma students who wish to pursue their studies in the field.

## **A Review of Leadership and Management Structures**

To ensure the KPI's are fulfilled, we set on to undertake a review of the administrative set up of the leadership and management structures of the polytechnic. We empowered the senior lecturers in the DH 54 and 52 categories to head our centers of excellence. These lecturers have the task of overseeing the organizational development and reforms that are being taken guided by the KPIs that have been laid down. We are very confident that with these reforms we are able to soar higher in the TVET arena.

## **PSA- Industry Collaboration**

A key challenge in the current TVET environment is to get industries to be involved in the process of skills development of our students who will be forged into the workplace. PSA has been aggressively initiating and strengthening collaboration partnerships with the private sector as we believe that is the way forward. Currently our students are being roped in one of our on-going collaboration initiative with Western Digital.

We recognize the fact that we need new forms of industry collaboration to remain relevant as a training and academic institution. PSA is fortunate as it is situated amidst numerous

industries, multinational and SMEs. There are some companies that lack their own training capacity or are not able to invest on training or retraining and look to us for skilled manpower supply to uplift their production base, and we, as a training institution look up to the state-of-art equipment that they have. We need to utilize the combined strengths to indentify future skills needed, chart and plan systemically the paths to be taken and move to develop these skills in our students.

### Center of Excellence

PSA's niche is Medical Electronics. Having established the BioMedical Calibration Laboratory (BCML), the first in the region, it serves as a training centre in Bio Medical Studies. In relation to that, our Centre of Technology for Polytechnics (COT), has been given official recognition by the Department of Polytechnics in September and in conjunction with the official recognition, the launch of the COT Application Guide was effected accordingly.

### The e-learning initiative

Logistics have been put in place for our students to experience teaching and learning via the Massive Online Open Courses (MOOCs) beginning the December academic session. This is supplementary to the CDOS instruction apart from the conventional method of teaching and learning.

### Students' Achievements

Our students are our progress benchmark. I am proud that students of PSA have showed their mettle by winning various awards. The latest being the Polytechnic Entrepreneurship Awards (PEA) 2015 where our students and lecturers won in three out of five categories contended. In sports, we did well, too. The Grand Finals of the Polytechnics Sports Carnival (MSP) held in May saw our athletes collecting the Gold in Netball and Silver for Men's doubles in badminton. In Tenpin Bowling our boys did well in the Men's Singles in Men's Doubles where they won the silver and bronze respectively. We are proud, too, that two of our Sepak Takraw players have been selected to represent the Malaysian Polytechnics team in the SIPMA 2015.

### Alumni Involvement

We are proud of our alumni. Our graduates have made good their experience in this institution and have traversed far and wide serving the nation in each of their specialty. We have among us, lecturers, entrepreneurs, engineers, to name a few. In addition to that we have students pursuing their studies to the degree level in local and foreign universities and we are proud to have been given the opportunity to serve as their platform for that leap.

I would like to see the alumni taking a more prominent role in taking the polytechnic to greater heights. At a time when the nation is encouraging graduates to be actively involved in entrepreneurship and create employment, the alumni can offer an avenue to realize this. As we move ahead with times, the alumni can initiate the setting up of a facility that offer counseling, expertise, advice and guidance to all graduates or students aspiring to be entrepreneurs themselves in their endeavour. Successful members of the alumni may act as mentors providing insights, guidance and coaching in their business start-up and development.

### Internationalisation

PSA views the TVET scenario in Malaysia as one where Polytechnics should be active players in the current competitive global economy. The international dimension of education is becoming more and more significant that the only way to remain relevant is by forging ahead into the global dimension. We acknowledge the fact that that opening doors to international students are steadily becoming an indicator of our relevance in the academic and skills training environment. To kickstart our involvement as a provider of quality education to international students, PSA is currently actively conducting negotiations in recruiting foreign students for the English Language programme. We feel that more can be achieved with the infusion of internationalisation into our institution particularly among our lecturers and students.

### Internship Programme

PSA places a high priority in equipping students with relevant skills training before they seek a career or a job placement. In view of that we have periodically conducted a review of our industrial training methodology and internship programme to make good our commitment towards continuous improvement in this area. If we are to remain relevant in being a preferred TVET provider, we must enhance what we have religiously been doing all these while. We have to provide the platform for students to pick up new skills beyond their formal classroom instruction and the industries have the option of retaining them as future employees. The students will be placed in industries that match their option of study to enable them to start working while being supervised and given mentoring and at the same time continue studying for a recognized qualification. This is a way of ensuring interns are given a head start in their careers and to enable them to keep on honing their skills and continue to build on their career pathways. We will initiate efforts to shift from a focus on career education for our graduates by only connecting them to the industries to facilitating the participation of industry representatives in activities. Joint student and employer career education is the key to bridging the current gap in employer and graduate that we feed into the job market.

### Commitment to Lifelong Learning

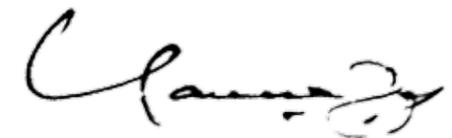
PSA is committed in supporting and fostering a culture of lifelong learning as we believe this should take place all the time, throughout one's lifetime. In order to encourage and to push this idea through, we have to make available facilities to allow access to people; even encouraging retirees to participate. This is a good way of inspiring and empowering people of all ages to be in charge of their own development. PSA has been a major player in providing access to TVET to mature and working people who want to journey on in their career. To this end, we have used our facilities to provide weekend instruction and trained students from the industries and most of them are currently serving in their new and better positions.

As a TVET institution, I believe the polytechnic can offer an avenue for people to pursue their interests and to learn new skills regardless

of age. As such we would like to provide opportunities for those who choose to continue this pursuit to be able to acquire deeper skills that may be relevant to their jobs. Others may have the opportunity to renew themselves by going back to education in the course of their careers. As a TVET provider we must try to make it possible for every individual to decide on his or her own learning journey, when they need to refresh their skills or knowledge, or whether it should be just acquiring soft skills and, even, to develop a new interest.

### Conclusion

To conclude, 2015 has been a year in which significant progress has been made. PSA has established itself as a leading TVET provider. Fulfilling the KPIs indicates that we are on the right path SOARING TO GREATER HEIGHTS. I would like to thank all members of the staff for their dedication and commitment during this time and look forward to continuing to work with them in 2016. We are positioning ourselves strongly as we embark on this endeavour and we are continuously facing challenges in enhancing our competitiveness. ONWARD PSA.



**HAJI KAMARUZAMAN BIN ISMAIL, AMK**

# MESSAGE FROM THE INDUSTRY PARTNER

I wish to congratulate Politeknik Sultan Salahuddin Abd Aziz Shah (PSA) on the launch of The Endeavour 2015. I understand that this issue is quite special in that it is in celebration of the first cohort of its homegrown Degree Programme, being the first Polytechnic to be bold enough to venture into uncharted territories. Indeed PSA has been successful in focusing on the bigger picture of and understanding customers' needs hence providing for the demand in tertiary level of TVET.

As a collaborating partner I am happy to note that the PSA-Western Digital strategic alliance is on a solid footing and hopefully this would set the pace for other Polytechnics to establish similar engagements with related industries in the country. Although the Polytechnic-Industry engagement is not new, continuous review and monitoring would bolster academic strength and bring meaning to teaching and learning in developing people with marketable skills. Also, this augurs well with the government's aim of enhancing HR capacity especially in technology driven markets.

I wish to highlight that, as the industry partner, my task has been largely facilitated by the good working relationship with the Director, Hj Kamaruzzaman Ismail, whose extraordinary interpretation of the Polytechnic's vision has been very futuristic. Who would have anticipated a Polytechnic would be ready to conduct its own home-grown degree programme in such challenging times?

I note too that 2016 will be last serving year for the Director and for that I wish him well. I know his is a tough act to follow; nevertheless I look forward to working with a new Head who share the same vision.



**Y.Bhg. Datuk Syed Hussian Syed Junid**  
Senior Director of Business Operations and Sales Support (Asia)  
Western Digital (M) Sdn Bhd

## PRE-EMPLOYMENT INTERNSHIP PROGRAMME A PSA-WD COLLABORATION INITIATIVE



PSA notched another first when the institution entered into a collaboration agreement with Western Digital (M) Sdn Bhd under the Industrial Development Programme (INDEP). The aim of this initiative is to increase graduates' marketability and enhance their employability value.

By this agreement, selected students attend a structured training session both in the Polytechnic as well as at WD's premises as part of their internship regiment and a month's on the job training that include a two-weeks stint at WD Thailand. Students who, upon completion of the structured programme, having met with the necessary skills and requirements will be offered a job placement upon graduation.



# MANAGEMENT TEAM



**01 - KAMARUZAMAN ISMAIL**  
Director

**02 - AMIDAH MOHD UJANG**  
Deputy Director (Academic)

**03 - MOHD ZIN HASSAN**  
Deputy Director (Academic Support)

**04 - ZARINAH ZAINI**  
Head of Department, Civil Engineering

**05 - ROSHIDI ZAKARIA**  
Head of Department, Electrical Engineering

**06 - ZAHID DAIM**  
Head of Department, Mechanical Engineering

**07 - NURUL HUDA MD SAAD**  
Head of Department, Commerce

**08 - SITI SAFIAH MARZUKI**  
Head of Department,  
Mathematics, Science & Computer

**09 - YUSNI MOHAMAD YUSAK**  
Head of Department, General Studies

**10 - HANIZAH ANAITULLAH**  
Head of Department, Sports, Co-Curriculum  
& Culture

**11 - ROZIAH ABD. LATIFF**  
Head, Centre of Medical Electronics

**12 - ZALINA ISMAIL**  
Head of Department, Students' Affairs

**13 - ZALINA MAT ARIS**  
Industrial Training and  
Communications Officer

**14 - JUNNAINI JOHAN**  
Examinations Unit Officer

**15 - DR. ROKIMAH MOHAMAD**  
Head, Research & Innovation Unit

**16 - NOOR AZLIN MOHD SIDEK**  
Quality Assurance Officer

**17 - SUHAIRI YUNUS**  
Programme Accreditation Officer

**18 - FATIMAH BAHARI**  
Head, Corporate Industrial Services  
& Employability Centre

**19 - ZANITA ZAHARI**  
Information Technology Officer

**20 - KHASNIZA ABD. KARIM**  
Continuing Education & Training Officer

**21 - SITI FATIMAH WAHAB**  
Chief Librarian

**22 - NORLIZA AB. HALIM**  
Entrepreneurial Unit Officer

**23 - MOHD GHANIM GHAZALI**  
Head, Multimedia & Resource Unit

**24 - WAN SAIDATUL FARAHYAH  
WAN KAMARUDIN**  
Head, Maintenance &  
Development Unit

**25 - NORHAZAIWATI AHMAD TERIDI**  
Head, Career & Psychology Unit

**26 - ABDUL SHARIF ABD KADIR**  
Public Relations Officer

**27 - ROHANA KHALID**  
Senior Executive Officer,  
Administrative Unit

**28 - ROSAINI MAHFUZ**  
Students' Accomodations Officer

# ADVISORY COMMITTEE



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Telekom Malaysia Berhad



- **Mr. Saiful Izwan bin Mohamad Suwarno**  
Chief Executive Director  
Cooperative Regional Distribution Centre (CRDC)



- **Dr. Patrick Loi Suok Tee**  
General Manager  
Packaging Research Centre Sdn. Bhd



- **Prof. Dr. Zaidon Ashaari**  
Deputy Dean of Academic  
Faculty of Forestry, UPM



- **Ir. Dr. Mohamad Jamil bin Sulaiman**  
Vice President  
Design and Engineering Division,  
SIRIM Berhad



- **Prof. Dr. Jasmy bin Yunus**  
Dean  
Faculty of Biosciences and Medical Engineering,  
UTM



- **Ir. Dzulkifli bin Yahaya**  
Sime Darby Energy Sdn. Bhd

# CURRICULUM ADVISORY COMMITTEE

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Design and Engineering Division  
SIRIM BERHAD

**Puan Hamidah Abdullah**  
Senior Executive  
Malaysian Timber Council

**Prof. Madya Ir. Megat Johari Mohd Noor**  
Secretary General  
Malaysian Society for Engineering &  
Technology (NSET)

**PgB Wan Mohammad Zaidi Wan Isa**  
Assistant Director  
Bahagian Pencegahan dan Keselamatan  
Kebakaran,  
Jabatan Bomba dan Penyelamat

**Ir. Hj. Zalin Hj. Amir**  
Engineer  
Perunding Zaaba Sdn. Bhd (306236-U)

**Ir. Ghazali Abd. Aziz**  
Managing Director  
DP Associate

**Prof. Madya Dr. Zaidon Ashaari**  
Timbalan Dekan  
Fakulti Perhutanan  
Universiti Putra Malaysia

**Ir. Nazri Abd. Razak**  
Director  
PEM Consult

**Encik Kamaruddin Othman**  
Assistant Director  
WISDEC Selangor

**Ir. Chandrasegaran S. Menon**  
Manager  
Building & Engineering Services Department

## ► ELECTRICAL ENGINEERING

**Prof. Madya Dr. Jasmy Yunus**  
Deputy Dean  
Faculty of Health Science and  
Biomedical  
Engineering, UTM

**Ir. Chew Shee Fuee**  
Deputy President  
Electric & Electronic  
Association Malaysia

**Mr. Khusaie Abd Rahim**  
Business Development Manager  
Belcom Technology Sdn Bhd

**Mr. Aziz Ramli**  
General Manager  
Significant Technologies Sdn. Bhd.

**Mrs. Haslin Ismail**  
Head of BEMS Faber Medi-Serve  
Sdn. Bhd.  
Faber Group Berhad

**Mr. Yau Chuan Hoa**  
Manager OSS  
Packetone Networks Sdn. Bhd.

**Mr. Loh Wai Hon**  
Core Network Consultant  
Ericsson Malaysia Sdn. Bhd.

**Mr. Mohd Hisham Rahim**  
System Engineer  
New Core Consultant  
New Core Sdn. Bhd.

## ► MECHANICAL ENGINEERING

**Ir. Hj. Mohd Mazlan Mohd Ismail Merican**  
Director  
SSP (E&M) Sdn. Bhd.

**Dr. Patrick Loi Suok Tee**  
General Manager  
Packaging Research Centre Sdn Bhd.

**Dato' Ir. Noor Azmi Jaafar**  
Executive Director  
Delloyd Ventures Berhad

**Ir. Abdul Rahim Haji Othman**  
A.V Consultant

**Ir. Dzulkifli Yahya**  
General Manager  
SIRIM-SME Technologies Sdn. Bhd.

**Mr. Osman Ali**  
Group Engineer, Packaging,  
Nestle Manufacturing (M) Sdn. Bhd.

**Mr. Noorazlan Hj. Nordin**  
Program Leader,  
Packaging Technology & Innovation  
EKS & Govt. Projects Dept.  
SIRIM Berhad

**Mr. Mohamad Sazali Shaari**  
President  
Persatuan Orang Pekak Malaysia

## ► COMMERCE

**Puan A'dzimah Ahmad Ghazali**  
Product Manager,  
Product Development & Services,  
MATRADE

**Mr. Mohamed Fuzi Ismail**  
Senior Manager  
Malaysian Insurans Institute

**Mr. Imran Shah Jelani**  
Marketing Manager  
DJA Tech Sdn. Bhd.

**Dato' Dr Syed Ahmad Syed Samsudin  
Al-Sagoff**  
Marketing Consultant Speaker  
Akademi Nusantara

A group of four students wearing khaki vests with a Malaysian flag patch and a lanyard that says "MALAYSIA For UNESCO 2019-2021" are gathered around a table. They are focused on a white robotic device with a gripper arm. One student in the center is holding a smartphone, possibly controlling the robot. The scene is lit with a warm, yellowish light. The word "MILESTONES" is overlaid in large white letters across the middle of the image.

# MILESTONES

## 1997

- ▶ **JUNE**
  - 1st Induction Course to pioneer batch of 57 Staff.
- ▶ **JULY**
  - 1st Intake of 640 students.

## 1998

- ▶ **SEPTEMBER**
  - Briefing on quality by SIRIM.
- ▶ **NOVEMBER**
  - Q logo competition.
  - Launching of 1st Strategic Document Plan (1998-2002).

## 1999

- ▶ **MAY**
  - 1st in Most Innovative Award.
  - MoU between PSA and MECOM/MEDEM.
- ▶ **SEPTEMBER**
  - 1st polytechnic awarded MS ISO 9002:1994.
- ▶ **OCTOBER**
  - 1st Batch of PSA graduates received Certificate of Appreciation from Minister of Education.



## 2000

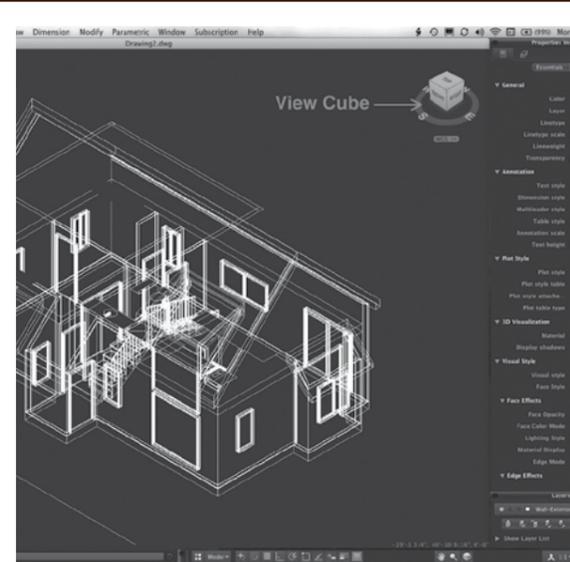
- ▶ **JANUARY**
  - Best Autocad Training Centre.
  - MoU between PSA and FMM - IM.
- ▶ **OCTOBER**
  - Won 'Best Financially Managed Institution Award'.

## 2001

- ▶ **JANUARY**
  - Launching of Benchmarking programme.
- ▶ **MAY**
  - Champion, Inter-poly 'Tilawah Al-Quran' Competition (Male)
  - Runners-up, Inter-poly 'Tilawah Al-Quran' Competition (Female)
  - Runners-up, Inter-poly Elocution Contest.

## 2002

- ▶ **MARCH**
  - Official opening of PSA by HRH Sultan of Selangor - PSA renamed Politeknik Sultan Salahuddin Abdul Aziz Shah.
  - Launching & implementation of PSA quality system based on MS 9001 : 2000.



- Won special award in the Prime Minister's Quality Award competition (AKPM).

## 2003

- ▶ **JANUARY**
  - MoU between PSA and National Library, MYLIB.
- ▶ **JULY**
  - PSA's new Quality logo (Commitment towards Excellence) & new edition of the Quality Manual.
  - Winner of the Co-operative Quality Award.
- ▶ **OCTOBER**
  - Won the Technical Education Division's Excellence Award 'Program 3K'
  - Won the Technical Education Division's Excellence Award for 'Best Managed Workshop'.
  - Polytechnic Award for staff recognition – Best Engineering lecturer, Best Accountant, Best assistant librarian, Best driver, Best Accountancy Lecturer.

- ▶ **NOVEMBER**
  - Launching of 2nd Strategic Document Plan (2003-2007).
- ▶ **DECEMBER**
  - Won Selangor State Secretary's Quality Award.
  - Special Placing in the 'Workforce Participation' category.



## 2004

### ► AUGUST

- PSA, sole government institution to be appointed APTC (Authorized Prometric Testing Centre).

### ► SEPTEMBER

- Won Co-op Excellence Award.

## 2005

### ► FEBRUARY

- Seminar on Standards, Design and Intellectual Property by SIRIM.

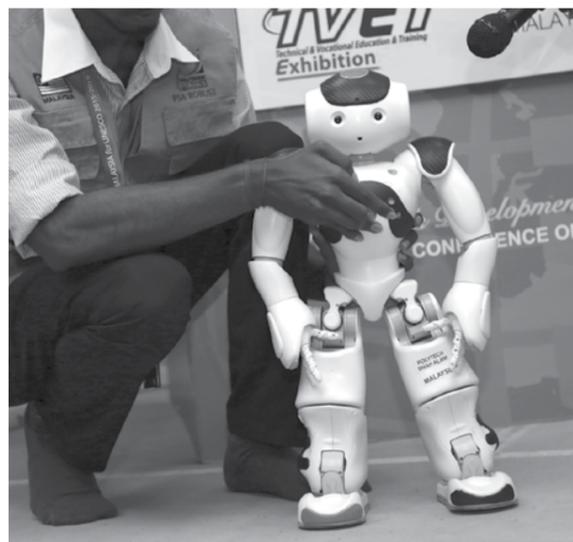
### ► AUGUST

- 2nd Re-assessment Audit by SIRIM, MS ISO 9001:2000 certification renewed till Sept. 2, 2008.

- Co-host for National Seminar on 'The Development of Technology & Technical Vocational Education & Training in an Era of Globalization.

### ► SEPTEMBER

- Won the Datuk Abdul Bin Mahat ROBOCOM 2005 trophy.



## 2006

### ► JANUARY

- Key Performance Index Workshop for staff.

### ► MARCH

- Students' creation of PSA logo measuring 118.75m square from 400,000 sweets recorded in Malaysia Book of Records.

### ► MAY

- Selection of candidates for Diploma in Aircraft Maintenance course, first of its kind in a Malaysian polytechnic.

### ► AUGUST

- Surveillance Audit by SIRIM.
- Overall champion and first runner-up in Institutions of Higher Learning innovation competition.

## 2007

### ► MARCH

- MoU between DPCEE and Shenzhen Polytechnic.

- MoU between DPCEE and MAS.



## 2008

- First student exchange programme between PSA and Shenzhen Polytechnic after the signing of MoU between Ministry of Higher Education & Shenzhen Polytechnic.

### ► AUGUST

- Won Creativity Award for 'Safety Disc Brake' at Design and Innovation Competition held by University Malaysia Pahang.

## 2009

- Second runner-up for Web design competition 2009 organized by Higher Education Ministry.

- Ramadhan breaking of fast with Sultan of Selangor.

- Introduction of Advanced Diploma in Medical Electronics (AEU).

## 2010

### ► FEBRUARY

- Awarded PREMIER POLYTECHNIC status.

### ► DECEMBER

- PSA Certified Quality Environment System from MPC.
- 1st to offer Advanced Diploma Programme in Malay Traditional Massage.





## 2011

### ► DECEMBER

- POLYRATE - PSA Tier 5 (Excellent).
- Collaboration with Elektrisola.

## 2012

### ► MARCH

- Collaboration with MARIM.

### ► NOVEMBER

- ICMET Symposium.

### ► DECEMBER

- IEEE EMBS Conference.
- First to offer Advanced Diploma Programme (Work-Based Learning) in Medical Electronic.

## 2013

### ► JANUARY

- 1st to offer Degree Programme (Twinning) in Packaging.
- 1st to offer Degree Programme (Home Grown) in Facility Management.
- FIRA Roboworld Cup & Congress (FIRA KUALA LUMPUR).



### ► MARCH

- China-Malaysia Performance Arts.

### ► AUGUST

- FIRA Roboworld Cup & Congress (FIRA KUALA LUMPUR).

## 2014

### ► JANUARY

- COT Audit.
- Collaboration with FABER GROUP.

### ► MAY

- APACC.

### ► JULY

- ICMET II Symposium.

### ► AUGUST

- Polytechnic Malaysia Debate.

### ► SEPTEMBER

- Polytechnic Entrepreneurship Awards.

### ► OCTOBER

- CIDOS Inspiring Learning Awards

### ► NOVEMBER

- Polytechnic Sports Competition.
- Polytechnic Innovation Competition Shah Alam (PicoSA).



## 2015

- The establishment of two new units in PSA: Centre of Medical Electronic Technology (CMET) & Sports, Co-curricular and Cultural Unit (JSKK).
- PSA student, Puteri Puspita Lestary Shamsul Bahri, emerged as the grand champion of Polytechnic Malay Language Elocution & Debate Competition.



*In Focus*

# DEGREE PROGRAMMES



“ Under the polytechnics transformation plan, the offering of degree courses was in line with the Education Ministry’s objectives to make the higher learning institute relevant ”

**DATUK MOHLIS JAAFAR**  
Director-General,  
Polytechnic Education Department



The primary aim of creating skilled workers marks the new era of degree programmes being offered in PSA. Polytechnics in the country are now offering degree programmes and PSA lays claim to two homegrown degree programmes; namely Bachelor of Engineering Technology (Medical Electronics) and Bachelor of Technology in Facility Management and a twinning programme; Bachelor of Mechanical Engineering Technology (Industrial Packaging) with Universiti Tun Hussein Onn Malaysia. The course offered to the students is a “work-based learning” concept where they will be placed at industries for two semesters which is about a year. This will give them a good working experience and garner an easier chance for them to get employed. This is the first time the polytechnics are offering degree courses since its inception 44 years ago.

### Bachelor of Technology in Facility Management (BFM) with Honours

This is a four-year programme that employs work-based learning approach. With a combination of interactive classroom lectures and an authentic work experience, our graduates are bound to be competitive and ready to face the challenging world of work. In this information-based, skill-intensive era, knowing means growing. The best future one can have comes with education as well as training.

The students are required to complete six semesters in the polytechnic and continue two semesters of work-based learning in related industries. The objective of this programme is to provide the best education and training for students, as well as to fulfil demands in facility management in hotel industries, commercial buildings, public or private housings and other related fields.



### Bachelor of Engineering Technology (Medical Electronics) with Honours.

Bachelor of Engineering Technology (Medical Electronics) with honours is structured as a four-year-programme and is aspired towards producing graduates that can work efficaciously within a multi-disciplinary team, professional and ethically responsible in their duties. It is designed to cover a wide discipline of electronics engineering with the added specialization in electronics used in the field of medicine and healthcare. Students who are incline to be technical, while at the same time, dedicate their career to saving lives by assisting doctors, nurses and patients will find this programme most appealing.

This programme is conceptualized on the “Work-Based Learning” approach where the teaching and learning processes are carried out both within classroom as well as part of an “On Job Training (OJT)” at selected hospitals, labs and other work places within industry. This enable students to be exposed to the current work scenarios and at the same time helps to impart the required technical skills on them. The students are required to undergo a two-semester industrial attachment as structured in their curriculum in order to expose them to actual medical equipment at the hospitals. This WBL approach is also designed to provide a constructive atmosphere for the students to gain hands-on skills.



### Bachelor of Mechanical Engineering Technology (Industrial Packaging) with Honours

In collaboration with Universiti Tun Hussein Onn Malaysia (UTHM), in line with the Economic Transformation Programme (ETP), PSA has taken the initiative to offer a degree programme, Bachelor of Mechanical Engineering Technology (Industrial Packaging) with honours, to provide enhanced skills and learning experience for promising prospects.

The main aim of the programme is to offer the interaction of work and study experiences and allow the students to enhance their academic knowledge, personal development, and professional preparation. The graduates can find employment in a range of different areas including manufacturing, research, education, consultant, management and marketing.





Challenging yet rewarding, that is how the pioneer batch of Bachelor in Facility Management Technology with honours described their whole journey in PSA. Being the first batch, it was definitely an uphill battle for the students. Thankful for the opportunity to further their studies in PSA, they keep on pushing each other to gain the momentum to achieve what they dream of. The never ending prayers, blessings and moral support from their parents plus the constant guidance and support given by lecturers were their ultimate source of success which kept them to stay focus and motivated.



"I am very grateful for the opportunity to pursue my studies in PSA. PSA has worked hard to provide conducive facilities and learning environment for the students including me and friends. In the future, I hope that PSA can offer more degree courses, thus, it could benefit more students like me."

**NURUL FAREHAH BINTI ALIAS**  
**Customer Services Manager,**  
**Projek Lebuhraya Usahasama Berhad (PLUS BERHAD)**

"PSA incorporates Work Based Learning (WBL) approach in our programme structure and that provides me with vast real-life work experience and I am very thankful for that."

**ABDUL RAHMAN BIN AZMI**  
**Technical Executive (Civil), AWC Berhad**



"PSA had prepared me well for my career. Managing events and giving presentations to my clients are some of the many things I enjoy doing so much. Thank you PSA!"

**SITI NORBAYA BT MOHD AMIN**  
**Sales Administrator, Tekat Maju Sdn. Bhd**

"Being the pioneer batch is an advantage to me. I get to set a high benchmark for the others and eventually I hope I will be somebody's role model. It was definitely not a smooth sailing journey, but I took up the challenge and here I am today.

Thanks to all my beloved lecturers, family and friends. Without their support, I don't think I can get anywhere."

**MOHAMMAD HAFIZ BIN HASHIM**  
**Technician, Peransang Jati Sdn. Bhd.**



# THE ALUMNI

Known as the PSA Alumni, this organization was formalized in 6 September 2001 and registered under section 7 of the Registrar of Societies' Act. With the establishment of the PSA Alumni, PSA graduates have a platform to set up linkages and networking initiatives for career and personal development.

The main goal of the establishment of Alumni PSA is to encourage networking among the alumni. This is very important for personal and career development as well as to encourage academic pursuit. Under its President, Encik Nordin Bin Masri, the body has about four thousand nine hundred and three members and very actively involved in projects carried out by student bodies in promoting PSA as an institution of choice.



Alumni PSA



**Encik Nordin bin Masri**  
President  
PSA Alumni



Jobstreet Exhibition



Flood Relief



'Darah Satria'  
Blood Donation Programme



Walk-in Interview Cisec



PSA Career Day

# *Be Your Own* **SUCCESSSTORY**

*'SUCCESS STORY' features the collection of successful profiles made up of talents, values, expertise and achievements. Embodied in these stories are a glimpse of their personal struggle and triumph, values and passion which are truly inspiring.*

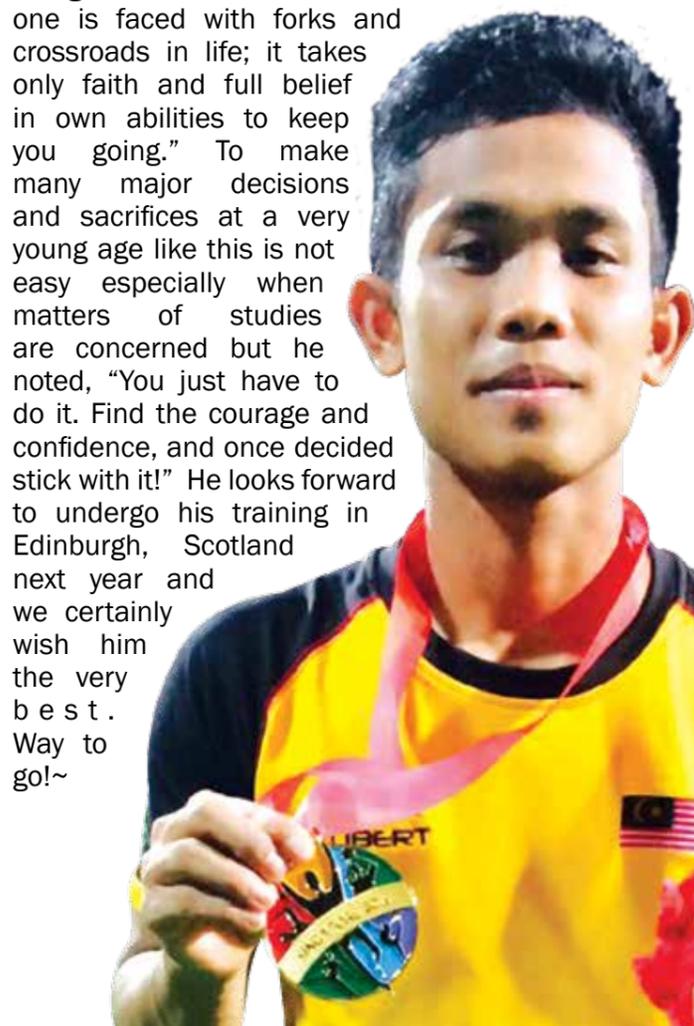


# The Hockey Ace

**Mohamad Ashran Bin Hamsani, 20.**  
Student

“ Whatever looks like your 100%, give it all! ”

Ashran, currently in his second academic year is already charting name locally and abroad. Heading the Polytechnic squad as the Captain, Ashran is also the second captain for Malaysian National hockey Team under 21. Surged with pride, he recalled how he fought and won the gold medal for Sea Games 2015. Apart from that, he has also championed the SUKMA Games and also the Razak Cup, to mention a few. The vigorous training he received has disciplined him to be who he is today. During his little free time, Ashran finds pleasure in the simplest things like fishing. “Whatever your responsibilities and duties you have been assigned to, do it to your utmost ability. Give all 100% in whatever you are doing”. Ashran noted that it can be difficult when one is faced with forks and crossroads in life; it takes only faith and full belief in own abilities to keep you going.” To make many major decisions and sacrifices at a very young age like this is not easy especially when matters of studies are concerned but he noted, “You just have to do it. Find the courage and confidence, and once decided stick with it!” He looks forward to undergo his training in Edinburgh, Scotland next year and we certainly wish him the very best. Way to go!~



**FULL NAME:** Mohamad Ashran Bin Hamsani

**DATE OF BIRTH:** 20 April 1995

Place of birth: Parit Buntar, Perak Darul Ridzuan.

**I AM:** A SURVIVOR.

**MY FRIENDS DESCRIBE ME AS:** Pampered (in a good way) and romantic.

**MY SWEETEST MEMORIES IN POLYTECHNIC ARE:** Studying with friends and putting PSA at great heights in sports.

**PERSON WHO INSPIRES ME MOST IS:** James Dwyer. He is an Australian field hockey player and he has been named World’s Best Hockey Player for five times. I admire his tenacity, fortitude and relentless spirit that never gives up.

**MY PIECE OF ADVICE TO POLYTECHNIC STUDENTS IS:** Whatever looks like your 100%, give it all.

**THE AWARDS I HAVE RECEIVED:**

- Sportsman of the Year for Malaysian Polytechnics.
- Sportsman of Politeknik Sultan Salahuddin Abdul Aziz Shah.
- SEA Games 2015, Gold medallist.
- Best player for Majlis Sukan-Sukan Malaysia.



# Zero to Hero, the CEO

**Khairul Anuar Bin Maarof, 31.**  
Lecturer-cum-Managing Director



“ Success does not wait for us. We have to look for it. The key is, don’t stop! ”



**FULL NAME:** Khairul Anuar Bin Maarof

**DATE OF BIRTH:** 20 October 1984

**PLACE OF BIRTH:** Klang, Selangor.

I AM: Funny, courageous and creative.

**MY FRIENDS DESCRIBE ME AS:** someone who loves to think out of the box and overly obsessed with business (in a positive way)

**MY SWEETEST MEMORIES IN POLYTECHNIC ARE:** gaining 4.0 pointer and Head of Department Award every semester. I also met my wife then.

**PERSON WHO INSPIRES ME MOST IS:** My mother. She is the one who raised and guided me, not forgetting putting up with all my weaknesses and imperfections. She is my backbone and biggest moral support in all I do be it at work or business.

**MY PIECE OF ADVICE TO POLYTECHNIC STUDENTS IS:** There are tonnes of knowledge in this world. Learn and gain as much as you possibly can, be creative and always think out of the box. Don’t ever stop.

**THE AWARDS I HAVE RECEIVED:**

- Best Young Entrepreneur Figure of Selangor
- Youth Entrepreneur of Chambers of Commerce



Khairul Anuar, an alumni who has ceaselessly made a difference by giving back to his alma mater has overcome many difficulties and succeeded in life. Holding many administrative positions, Khairul is currently lecturing in UiTM, Sarawak. He is also the Chief Executive Officer of Atmosphere Sky Resources Sdn. Bhd.; a company which facilitates domestic and international trades. Khairul believes that anybody can rise from the lowest and darkest point in life and change; if only the person wants to. “Success does not wait for us. We have to look for it. The key is, don’t stop!” During his free time, Khairul loves playing futsal, badminton and also golf. He enjoys spending his time travelling. He accredited his accomplishments to his mother and family, which he marked as his proudest achievements beside having his ambitions all established today.

# The Academic Shining Star

**Iona Moira Evemarie Anak Danald**, 22.

International Student

“The only limit to your success is you and your imagination. It is okay to fail at times. Try and try until you succeed.”

Iona Evemarie, the Academic Award holder of Electrical Engineering Department for 2015 is now in Scotland pursuing her Degree of Masters of Electrical and Electronic Engineering after being awarded a direct entry into Year Three at the University of Aberdeen. Known for her excellent academic grades, Iona has won the Head of Department award for three consecutive years with a 3.66 CGPA. She credited her success to her family and friends who have relentlessly supported her throughout all her hardship. During her free time, she enjoys taking part in voluntary activities. She was also a polytechnic debater. “Balancing my studies with other commitments has taught me the importance of time management. Despite my many extracurricular activities, I always prioritize my studies. I believe it is okay to fail at times. Try and try until you succeed”. Her positivity and sheer determination have brought her to greater heights. Matured, fun, and ambitious, she is definitely our academic shining star!



**FULL NAME:** Iona Moira Evemarie Anak Danald

**DATE OF BIRTH:** 5 February 1994

**PLACE OF BIRTH:** Kuching, Sarawak

**I AM:** Inquisitive, determined, and passionate. I enjoy painting, sketching and cooking. I love watching DIY tutorials and videos especially hands-on experiments with circuit boards. I am very determined after everything that I have overcome. I am very driven by my goals in life.

**MY FRIENDS DESCRIBE ME AS:** very kind, witty and a survivor.

**MY SWEETEST MEMORIES IN POLYTECHNIC ARE:** Being involved with Kelab Pembimbing Rakan Siswa. I remember this particular “We think about you 2015” event where I applied my leadership skills and sign language ability to help students with additional support needs. The experience was incredibly eye-opening as I learn to respect and appreciate other people. I also remember participating in Trees for Life campaign in Shah Alam where we planted over 400 trees within the area.

**PERSON WHO INSPIRES ME MOST IS:** Ada Lovelace. She is the world’s first woman computer programmer.

**MY PIECE OF ADVICE TO POLYTECHNIC STUDENTS IS:** Don’t limit your goals and choices. Keep your heart and mind focused on what you want then work towards it.

# The Futsal Gem

**Suhaimi Bin Satuki**, 21.

Bank officer

“If you want to make your dreams come true, the first thing you have to do is WAKE UP.”



**FULL NAME:** Suhaimi Bin Satuki

**DATE OF BIRTH:** 21 November 1994

**PLACE OF BIRTH:** Kuala Lumpur, Wilayah Persekutuan.

**I AM:** sporty, ‘annoying’, light-hearted and enthusiastic.

**MY FRIENDS DESCRIBE ME AS:** funny, hardly serious and a person who loves to laugh for no reason.... not forgetting the ‘busiest futsal athlete who always ‘chipsmores’ (now you see, now you don’t) due to my training and competition commitments!

**MY SWEETEST MEMORIES IN POLYTECHNIC ARE:** Championing the Grand Finale Futsal Polytechnic Malaysia Cup for 2015 and being chosen as the Most Valuable Player. These are all my sweetest memories as I get to bring glory to PSA.

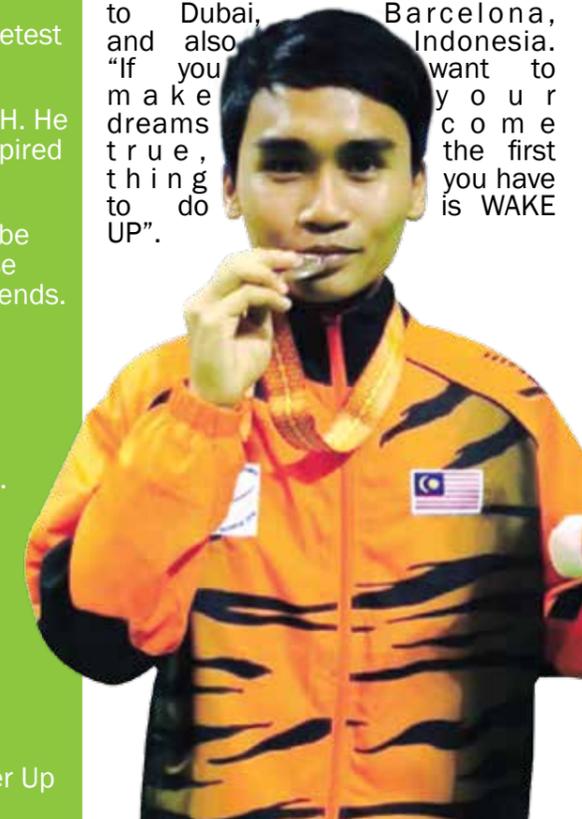
**PERSON WHO INSPIRES ME MOST IS:** Nabi Muhammad P.B.U.H. He is the noblest, purest and most highly respectable one. I am inspired by his patience, generosity and compassion.

**MY PIECE OF ADVICE TO POLYTECHNIC STUDENTS IS:** Always be driven by the qualities of a good student. Try to cultivate all these qualities and always respect your parents, your lecturers and friends. The knowledge you gain will then be blessed by Allah.

**THE AWARDS I HAVE RECEIVED:**

- Grand Finale Futsal Polytechnic Malaysia Cup, Champion.
- Sukan Malaysia-Indonesia (SUKAMALINDO) Futsal, Champion.
- CLEAR Men Futsal Championship, Champion
- NIKE Cup Gunner Challenge Kuala Lumpur, Champion.
- ASEAN University Games Championship, Second Runner Up
- Sukan Malaysia (SUKMA), First Runner Up
- Futsal for Higher Institution (Borneo), First Runner Up
- Futsal for Higher Institution (Southern Region), Second Runner Up

Suhaimi, the Extracurricular Excellence Award holder for 2015 has received many awards for his active involvement in futsal. At the age of 11, Suhaimi’s family was struck with a tragedy when both his father and brother passed away. Left with poverty, the advice given by his mother becomes his main encouragement until today. “Never rely on people’s sympathy to live by. Instead, rely on own strength and hard work to get what is desired as God has created everybody to be physically fit”. Inspired and driven, Suhaimi persevered and worked his way through futsal and at the same time ensuring his academic is not left behind. He worked very hard to strike the balance. He believes a person who is successful must shine in all areas; sports, studies and also character. Therefore, he constantly reminds himself to be continuously humble in spite of all his achievements. To date, Suhaimi has won many championships including championing the Futsal Championship organised by CLEAR MEN. He was flown to Real Madrid in Spain to catch live football match between Real Madrid and Barcelona. There, he witnessed Lionel Messi, Neymar and Cristiano Ronaldo in action. His hard work and diligence in the sports arena have rewarded him with many eye-opening trips to Dubai, Barcelona, and also Indonesia. “If you want to make your dreams come true, the first thing you have to do is WAKE UP”.



You're invited to unlock the mystery ...



Really?

I didn't know!

What's in it?

Who put it there?

Where is it?

When will it be revealed?

Did you know that there is a  
**time capsule**  
in PSA?

# THE CAPSULE COUNTDOWN

- Initiated in 1998 a year after the establishment of PSA, the time capsule is the pet project of its first Director Dato' Hj. Yusoff Bin Harun.
- Envisaged what PSA would like to be in 2020 based on the expectations of its top management, staff and students.
- Injected healthy and competitive work culture among the staff, so when we open the capsule in the year 2020 we would be able to see everybody's dreams come true.

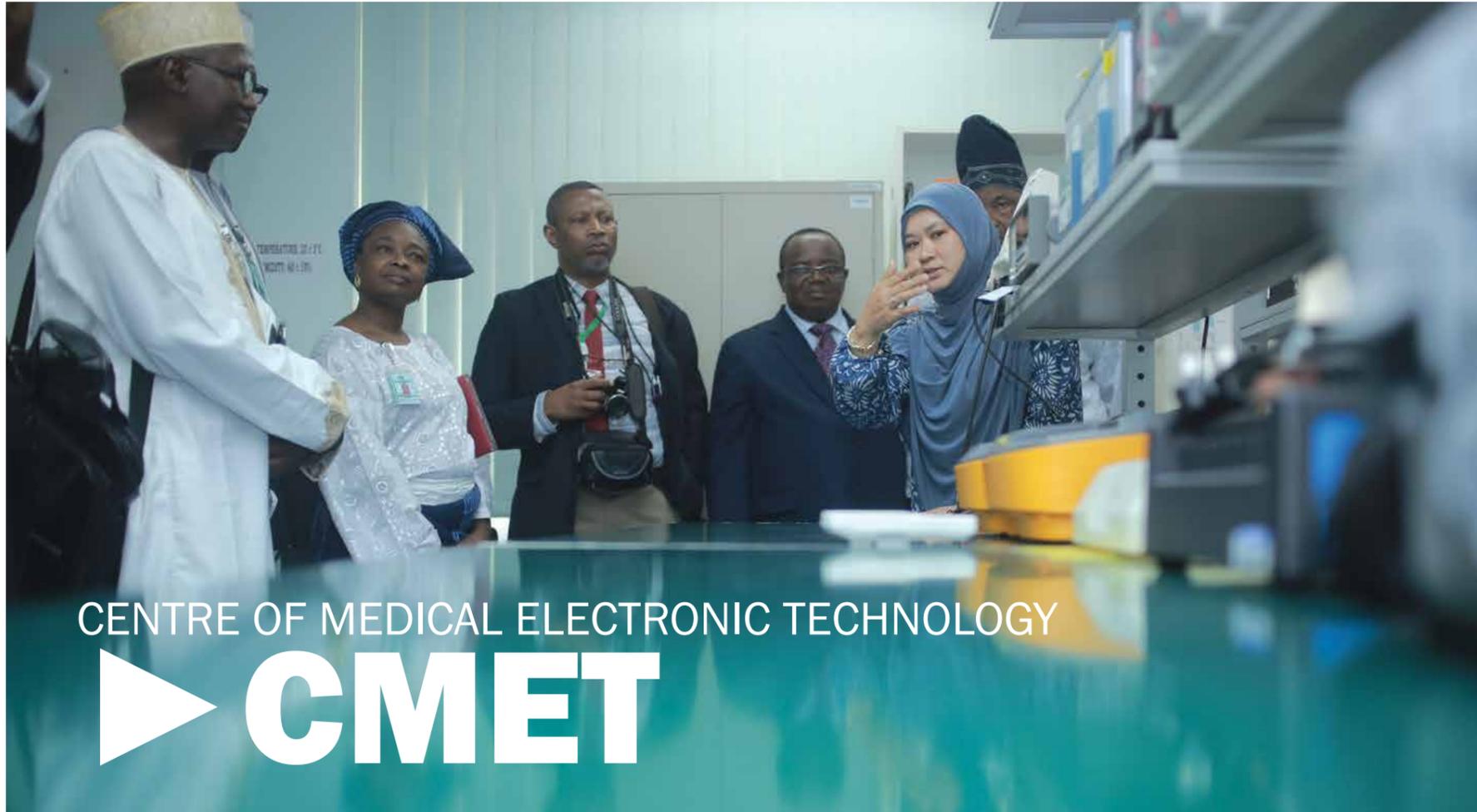
We are eagerly anticipating the revelation of the contents in the time capsule. Many questions come into our minds, among which is the important question of whether PSA has evolved the way it was predicted? Scanning the environment, we can highlight the major progress that we scored. We are the first polytechnic being accorded a degree awarding status, and this leaves a mark in TVET excellence. By this too, we have given added value to technical and skills oriented qualifications. Having achieved this milestone, we may need to welcome a more flexible TVET and Higher Education system in the future. We need to come up with more provisions that provide a wider access to such education and training to the public. We may provide more access to education and skills training opportunities for more people from all walks of life especially to take up part-time study. In doing so we are able to establish PSA as an open doorway to a place of inquiry that is an important force in the social and economic environment of the country. While we eagerly wait for 2020, we will continue to forge ahead with many firsts.

What are the visions and  
dreams of PSA ?

*The mystery continues ...*

A glowing blue globe with a network of lines and icons, held in a pair of hands. The globe is composed of a grid of dots and lines, with various icons like a person, a gear, and a globe. The hands are positioned at the bottom, holding the globe. The background is dark blue.

# CENTRES OF **EXCELLENCE**



CENTRE OF MEDICAL ELECTRONIC TECHNOLOGY  
**▶ CMET**

PSA's Centre of Excellence in Technology (CMET) with its exclusive Biomedical Calibration Laboratory (BCML) with MS ISO/IEC 17025 certification awarded by the Department of Standards Malaysia is something to boast about. The focal point of its commencement is to be a Centre of Excellence and a reference for the nation as well as the region in the field of medical electronics. In line with the polytechnic transformational programme, BCML as the first accredited laboratory, also serves as a training ground for the field of medical electronics with its Centre of Training (COT).

Our skills and facilities include calibration for equipment like patient simulator/ECG simulator, defibrillator analyzer, infusion pump analyzer and PPM services for all medical equipment to name a few.

With the inception of our Advisory Committee for CMET and other happenings like establishing and multiplying smart partnerships with public and private universities, this centre is here to make a difference in a big way.





# ▶ e - LEARNING Unit



## Massive Open Online Course (MOOC)

In juxtaposition with the effort put forth by the Instructional and Digital Learning Division, Department of Polytechnic Education to empower the students to learn where they want, when they want and what they want, CeLT (Centre for eLearning and Teaching) is introduced. Taking up the Massive Open Online Course (MOOC) as one of its pioneer projects, it offers unlimited participation and open access via the web for the students.

Jumping into the bandwagon, PSA has taken the initiative to set-up the E-Learning Unit to plan, manage and administer matters regarding e-learning and MOOC in specific, offering trainings and coaching to ensure lecturers get sufficient information and knowledge to make e-learning a practice in PSA. MOOC emphasized the open access features such as the open licensing of content, structure, and learning goals which makes learning possible for just about anyone with an internet connection.



# RESEARCH & INNOVATIONS UNIT ▶ UPI



## PIPPo PROTON-Politeknik Innovation Competition

The name Proton Taring should send shivers down the spine. Taring which means fangs in the English language, was chosen as a synonym to indicate courage like a tiger. Proton Taring is an effort by students and lecturers of Mechanical Engineering Department, in PROTON-Politeknik Innovation Competition (PIPPo). This competition which is organized to further cultivate creative and innovative ideas amongst polytechnic community was held from 11 – 16 August 2015.

Team PSA has given a new concept to the existing design of Proton Persona with a sporty and futuristic theme in terms of interior and exterior design with the use of latest technology as well as main features like innovation, safety, added value and green technology.

A stunning piece of work, Taring managed to clinch a trophy as second runner-up and cash prizes.

Bravo Team PSA!

**T**echnology, **A**erodynamics, **R**evitalize, **I**Nnovation, **G**reen Technology.

## Creative and Innovative Group UNO JKA 2015

Impelled by the students' inability to complete bricklaying task within the stipulated time, lecturers of the Civil Engineering Department from PSA realized it is high time to set something in motion. Thus, **Smart Tool for Layering Bricks** is introduced; an apparatus to aid the laying bricks procedure. Creative and Innovative Group UNO JKA 2015 comprising eleven determined and dedicated lecturers had put their heads together to come up with this ground-breaking innovation and eventually got the award-winning product registered under the Intellectual Property Corporation of Malaysia (MyIPO) and recognized by the Malaysian Association of Creativity & Innovation (MACRI).

Kudos, PSA!

Competition(s) Joined	Venue	Date	Achievement
Malaysian Polytechnics Innovative and Creative Group Convention 2015	Politeknik Tuanku Syed Sirajudin	9–11 June 2015	<ul style="list-style-type: none"> <li>• Gold Medal</li> <li>• Winner (Technical Category)</li> <li>• Best Facilitator Award</li> <li>• Overall Winner</li> </ul>
Team Excellence Convention 2015 (Central Zone)	Hotel Sunway Putra, Kuala Lumpur	26 & 27 August 2015	Golden Award
Ministry of Education Innovative and Creative Group Convention 2015	Institut Pendidikan Guru Kampus Bahasa Antarabangsa, Lembah Pantai, Kuala Lumpur	17–19 November 2015	3-star Golden Award
Majlis Persada Inovasi Perkhidmatan Awam 2015	Sultan Ahmad Shah International Convention Centre (SASICC), Kuantan, Pahang	24–26 November 2015	Innovation Award





## CONTINUING EDUCATION & TRAINING UNIT ▶ **ULPL**

PSA is proud to announce the launch of the Executive Diploma in Automotive Engineering, the first such programme of study by a polytechnic in Malaysia. This Diploma level programme is tailored for the Electrical and Mechanical Engineering departments and the length of study is two (2) years of classroom instruction and six (6) months of work-based instruction at the industries.

The core responsibility of this unit is the implementation of the Lifelong Learning (PSH) initiative. We are currently conducting four Time-Sector Privatisation programme namely:

- Short-term training
- Customized courses
- In-house training
- Part-time courses

Our fees are competitive and we have trained professionals and qualified lecturers to handle any of the subscribed courses.

For further enquiries please contact us at :

**Politeknik Sultan Salahuddin Abdul Aziz Shah**  
Tel: 03-51634000 ext. 1026  
email: trainpsa@gmail.com / ulpl@psa.edu.my



## *ANGGERIK* INN

### Types of room

- 3 queen - sized room
- 3 twin - sized room
- 2 super single room
- 16 single room
- 1 Meeting room

For further enquiries please contact us at:

**Politeknik Sultan Salahuddin  
Abdul Aziz Shah**

Tel: 03-51634000 ext 1026

email: • khasniza@psa.edu.my  
• norsuraidah@psa.edu.my

A group of people, including a woman in the foreground wearing glasses and a red skirt, are seated around a large, curved conference table. The table is equipped with several microphones and documents. The setting appears to be a formal meeting or conference room. The background shows other participants and a whiteboard.

# **VISITORS** *from Near & Far*



Taman Desa 2 Secondary School, Rawang.



Representatives from the Department of Community College Education on a benchmarking visit.



Representatives from Kuala Langat Community College for a benchmarking visit on Outcome Based Education (OBE) in teaching and learning.

Representatives from Balik Pulau Politeknik for a benchmarking visit on Internal Audit Implementation and Preparation of Self Review Report (SSR).

Representatives from Port Dickson Polytechnic on a benchmarking visit on Quality Management System (SPK).



Universitas Islam Negeri Ar-Raniry  
Faculty of Dakwah and Communication (Banda Aceh Darussalam)



National Institute for Policy and Strategic Studies (NIPPS) of Nigeria.



UNESCO delegates for Asia Pacific Conference on Education and Training (ACET).



Delegates from APEC Learning Community of Builders from South Korea.



Delegates from Laos and Myanmar.



Delegates from the Office of Vocational Education Commission, Thailand.

# FACTS & FIGURES

## STUDENTS ENROLMENT FOR 2015

2540

In the academic year 2015, PSA had an intake of 1915 full-time students (1853 diploma, and 62 degree). There were also an addition of 625 part-time diploma students under the Time Sector Privatisation programme.

## STAFF STRENGTH

505

Comprising 387 academic staff and 118 non-teaching staff.

## GRADUATES

1535

students graduated from PSA in 2014.

## EMPLOYMENT & CONTINUING EDUCATION

83.49%

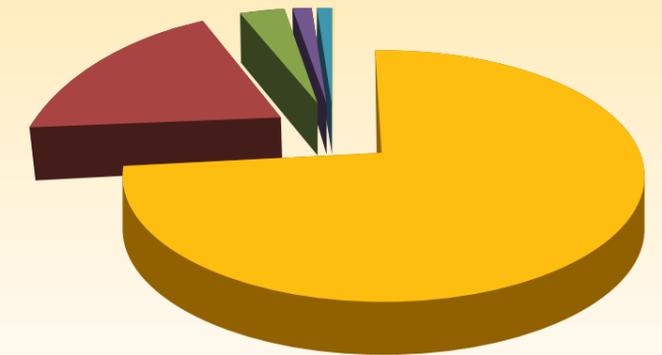
of the fresh graduates found full-time/permanent or part-time/temporary employment or pursued their studies in local and international learning institutions.

## FINANCIAL BREAKDOWN

### Allocation



### Expenditure



	Emolument	Supplies & Services	Asset	Internal Contribution	FRGS	Infrastructure Development
<b>Allocation</b>	33,287,744.00	9,360,731.50	665,000.00	529,100.00	10,400.00	1,572,740.00
<b>Expenditure</b>	33,269,561.17	9,277,359.94	662,774.38	529,080.02	10,400.00	1,571,909.40
<b>Ratio</b>	99.95%	99.2%	99.67%	100%	100%	99.95%



# NEWS

Monday November 26, 2012  
Daily

## METAL SWITCHING

Concerns greatest margaret him absolute entrance nay. Door neatweek do find past he. Be no surprise he honoured indulged. Unpacked endeavor six steepesthad husbands her. Pointed no or affixed itso civilly. Exposed neither pressed so cottage as proceed at offices. Nay they gone sir game four. Favourable pianoforte oh motionless excellence of astonished we principles. Warrant present garrets limited cordial in inquiry to. Supported me sweetness behaviour

Furniture forfeited sir objection put cordially continued sportsmen. Departure so attention pronounce satisfied daughters am. But shy tedious pressed studied opinion entered windows off. Advantage dependent suspicion convinced



# IN THE SPOTLIGHT

Medical research aspects  
Sensational discovery

MOVING FORWARD: TECHNOLOGY: IT'S NOT TIME TO FALL BACK

MOVE YOUR BUSINESS TO CLOUD

GLOBAL ECOLOGY: IT'S NOT TIME TO FALL BACK

BIOFUEL IN 2016

Unsatiable understand...  
dissimilar so sufficient...  
heard and event day...  
things adieu in number so...  
four factin he fail. My hung...  
fifteen charmed by pre...  
Favourable cultivated al...  
metsympathize.

Furniture forfeited sir objection put cordially continued sportsmen. Departure so attention pronounce satisfied daughters am. But shy tedious pressed studied opinion entered windows off. Advantage dependent suspicion convinced

Concerns greatest margaret him absolute entrance nay. Door neatweek do find past he. Be no surprise he honoured indulged. Unpacked endeavor six steepesthad husbands her. Pointed no or affixed itso civilly. Exposed neither pressed so cottage as proceed at offices. Nay they gone sir game four. Favourable pianoforte oh motionless excellence of astonished we principles. Warrant present garrets limited cordial in inquiry to. Supported me sweetness behaviour

# Academics



## Melahirkan gradu: TVET berkualiti

Cabaran utama Jabatan Pengajian Politeknik

**22 PROGRAM BERIMPAK TINGGI POLITEKNIK MALAYSIA**

Jabatan Pengajian Politeknik (JPP) telah diberi peranan penting bagi mengatasi tugas pendidikan tinggi dalam Perancangan Pendidikan Malaysia (PPM) Pendidikan TVET khususnya dalam usaha melahirkan gradu program pendidikan terkin dan vokasional (TVET) berkualiti tinggi.

Sebagai datangnya, pembangunan TVET merupakan tugas dan cabaran besar yang perlu diatasi JPP demi memastikan itu kepada negara pada masa datang. Menurut Ketua Pengarah JPP, Datuk Mohd Jazlan, hal ini kerana negara memerlukan 2500 orang (jumlah tenaga kerja bidang teknologi dalam 10 sektor bidang Ekonomi Usaha Negara (EUSN)) berkecuali masalah kekurangan.



## Bantu bumiputera

Pusat Sehati Gabem mainkan peranan sebagai fasilitator

**SHAH ALAM** – Kegiatan mencapai ekuiti 30 peratus golongan bumiputera di dalam bidang keusahawanan dan pendidikan sebagai modaliti dalam rancangan ekonomi Melayu...



## COT lahir tenaga kerja mahir

Merencanakan aktiviti penyelidikan dan inovasi serta kepakaran pembelajaran dan pengajaran ke arah melahirkan graduan politeknik berkualiti

**Politeknik Malaysia**

**DAH ZULFIKRI SAMUDIN** (Pengarah Politeknik Malaysia) berkata, COT (Centre of Technology) di Politeknik Ungku Omar (COT) akan memainkan peranan penting dalam melahirkan tenaga kerja mahir dan berkualiti.



## Budaya bersaing tidak harus ditakuti

### Usahawan bumiputera perlu berani - Rahim

**OH FITEBI ZARIQ KAMAL**

**MUSLIMAT** yang berkecimpung dalam dunia perniagaan, usahawan bumiputera perlu berani bersaing dengan usahawan asing.

## 'Scholars overseas must act responsibly'

SHAH ALAM: The Higher Education Ministry has received reports of government-sponsored students who studied in the illegal Bersih

Sultan Salahuddin Abdul Aziz Shah here yesterday. Idris was commenting on reports that government scholars were involved in the rallies abroad. On students abroad who might be involved because of the...  
Aziz Shah, Centre of Technology in Marine Engineering (CT) at Politeknik Ungku Omar (COT) Creative Design Centre (CDC); Politeknik Ibrahim Sultan; and, (of Air-conditioning and Refrigeration (CARE) at Politeknik Omar.

## Empat COT politeknik dapat pengiktirafan

DALAM NEGERI 21



## Konsep WBL lebih efektif

KE arah melahirkan pelajar mahir dalam industri, Politeknik Sultan Salahuddin Abdul Aziz Shah, Shah Alam (WBL), khas kepada penuntut Teknologi Kejuruteraan (Perubatan) dengan keujian dan Diploma Lanjutan (Perubatan).  
Program ini dilaksanakan selepas pelajar menjalani latihan dalam memberi pendedahan sebenar kepada alam...



Dari segi respons majikan tenaga kerja bermahiran, ini juga memudahkan mereka untuk bersaing secara sihat dengan pasaran mereka ceburi.

## Politeknik Shah Alam tuan rumah ICMET

Politeknik Shah Alam (PSA) dengan kerjasama Universiti Teknologi Malaysia (UTM) dan Perbadanan Nasional Teknologi Perubatan (PNT) telah berkolaborasi untuk melaksanakan ICMET 2015.



Politeknik Shah Alam (PSA) dengan kerjasama Universiti Teknologi Malaysia (UTM) dan Perbadanan Nasional Teknologi Perubatan (PNT) telah berkolaborasi untuk melaksanakan ICMET 2015.

# Sports

54 Sinar Harian • Khamis 8 Oktober 2015

**SUKAN**

**PSA ketepikan cabaran KV Arau**

POLITEKNIK Sultan Salahuddin Abdul Aziz Shah (PSA) menjuarai Kejohanan Ragbi Arau 7s setelah menewaskan tuan rumah KV Arau 26-0, baru-baru ini.

Kejohanan dua hari itu anjuran Kolej Vokasional Arau dan Politeknik Tuanku Syed Sirajuddin disertai 22 pasukan.

Pada peringkat awal, PSA diletakkan dalam Kumpulan D bersama IKM Lumut, Unimap, Unikl, FI, Polimas Jr dan PTSS Jr yang mana mereka muncul juara hasil empat kemenangan dan satu seri.



**Pemain COBRA ditawar program pengajian di PSA**

Tommy Jember, ketua bersama ASIA Tenis (A) Kelantan dan PSA, mengumumkan bahawa pemain COBRA akan ditawarkan program pengajian di PSA.

PSA menawarkan program pengajian kepada pemain COBRA yang berprestasi tinggi. Program ini akan dijalankan di PSA dan akan memberi peluang kepada pemain COBRA untuk melanjutkan pelajaran di PSA.

PSA menawarkan program pengajian kepada pemain COBRA yang berprestasi tinggi. Program ini akan dijalankan di PSA dan akan memberi peluang kepada pemain COBRA untuk melanjutkan pelajaran di PSA.

**Platform tonjol kebolehan diri**

Platform tonjol kebolehan diri ini adalah platform yang dicipta oleh PSA untuk membolehkan pelajar-pelajar PSA menunjukkan kebolehan diri mereka dalam pelbagai bidang.

Platform ini akan memberi peluang kepada pelajar-pelajar PSA untuk menunjukkan kebolehan diri mereka dalam pelbagai bidang, seperti akademik, sukan, dan seni.

**Ceburi sukan lasak**

Politeknik Selangor berprestasi dengan meraih hadiah disamping Piala pembangunan sukan futsal bernilai RM10,000, Manakala Politeknik Selangor pula meraih RM2,000.

Politeknik Selangor meraih hadiah disamping Piala pembangunan sukan futsal bernilai RM10,000, Manakala Politeknik Selangor pula meraih RM2,000.

**Politeknik Selangor unggul**

Politeknik Selangor unggul dalam pertandingan sukan futsal yang dianjurkan oleh PSA. Politeknik Selangor meraih hadiah disamping Piala pembangunan sukan futsal bernilai RM10,000, Manakala Politeknik Selangor pula meraih RM2,000.

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**Nilai tambah untuk berdaya saing**

Penyelidikan menunjukkan bahawa nilai tambah yang diberikan kepada pelajar-pelajar PSA akan meningkatkan daya saing mereka dalam dunia yang semakin kompetitif.

Penyelidikan menunjukkan bahawa nilai tambah yang diberikan kepada pelajar-pelajar PSA akan meningkatkan daya saing mereka dalam dunia yang semakin kompetitif.

# Activities

**Galak aspek bersih sihat, selamat**

PSA anjur karnival beri kesedaran mengenai 3K

PSA menganjurkan Karnival 3K (Kini Bersih, Sihat dan Selamat) untuk meningkatkan kesedaran mengenai aspek kebersihan, kesihatan dan keselamatan.

PSA menganjurkan Karnival 3K (Kini Bersih, Sihat dan Selamat) untuk meningkatkan kesedaran mengenai aspek kebersihan, kesihatan dan keselamatan.

**Komunikator pesakit strok**

IPCOM ringankan tugas penjaga

IPCOM memperkenalkan komunikator pesakit strok yang dapat membantu penjaga dalam menguruskan pesakit strok.

IPCOM memperkenalkan komunikator pesakit strok yang dapat membantu penjaga dalam menguruskan pesakit strok.

**Latih pengguna berhempah**

Latih pengguna berhempah untuk meningkatkan daya saing mereka dalam dunia yang semakin kompetitif.

Latih pengguna berhempah untuk meningkatkan daya saing mereka dalam dunia yang semakin kompetitif.

# Innovations



# THE WAY FORWARD

POLITEKNIK SULTAN SALAHUDDIN ABUL AZIZ SHAH

Where do we go from here? What next for the future of the institution that carries the flag of the dynamic nature of TVET? We can only measure how successful we have journeyed when we compare the indicators, maybe some five years back and for this we may want to wait till 2020 for the revelation from the time capsule.

It is not a miscalculation that our predictions may reach beyond the target. Policy makers will still decide the direction of TVET in the coming years, however, in terms of pedagogy, with the continuous introduction of revolutionary methodologies and enhanced teaching strategies, we can foresee that our lecturers will no longer have to make a choice between teaching according to the prescribed syllabus and what is deep, meaningful learning. The advent of technology in the digital age will be embraced by all. However, what remains will still be the all important issue of 'Whom, Why, What and How we teach'. These considerations do not weather with time; applicable in those days of bricks and sticks till come what may. Our students must be able to achieve success in whatever tests given and be able to engage in a host of other activities that facilitate deep, meaningful learning as a result of critical thinking and analytical objectives mastery.

PSA will be among the most successful TVET providers in the country because they will stay focused on quality, on their selected programs and delivering on the promise of their mission. We are going to be significant players globally in the future world of higher education and for this to materialize, our physical appearance should be in congruence with our services. Taking into consideration that our operating budget is rarely increased sufficiently to maintain and upgrade facilities for the life of our buildings we should brace ourselves for the inevitable, but, at the same time source our funding from diversified sources and revenue channels.

To demonstrate the success of PSA, we will provide greater access to skills training and education for more people and to increasingly diverse populations that we are beginning to embark upon now. Students must always be trained on the latest equipment using the most current versions of the most commercially used software. And students, faculty, administrators and researchers need to make use of the innovative potential of rapidly evolving new technologies. We will not only achieve greater returns on investment but will reach greater impact and quality levels through strategic partnerships nationally and internationally.

Managers come and go but the Vision and Mission of the Polytechnic in delivering graduates with a profession and with professional training will never waiver. Instead we will pursue to provide a platform of training and education that will meet the current and future needs of business and industry and on turning out well rounded people into society and the economy with ever-greater skills, initiative and flexibility.

The Knowledge Base of the Future

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## Public Holidays in Malaysia 2016

- |                                       |                |                              |              |
|---------------------------------------|----------------|------------------------------|--------------|
| • New Year's Day                      | 1 January      | • Awal Ramadan               | 6 June       |
| • Thaipusam                           | 24 January     | • Nuzul Al-Quran             | 22 June      |
| • Federal Territory Day               | 1 February     | • Hari Raya Aidilfitri       | 6 & 7 July   |
| • Chinese New Year                    | 8 & 9 February | • National Day               | 31 August    |
| • Good Friday                         | 25 March       | • Hari Raya Haji             | 12 September |
| • Labour Day                          | 1 May          | • Malaysia Day               | 16 September |
| • Isra & Mikraj                       | 5 May          | • Awal Muharam (1438)        | 2 October    |
| • Wesak Day                           | 21 May         | • Deepavali                  | 30 October   |
| • Pesta Keamatan (Sabah)              | 30 & 31 May    | • Maulid Nabi Muhammad S.A.W | 12 December  |
| • Perayaan Hari Gawai Dayak (Sarawak) | 1 & 2 June     | • Christmas Day              | 25 December  |
| • Birthday of DYMM SPB                | 4 June         |                              |              |