



POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH

MOST ENTREPRENEURIAL POLYTECHNIC





MEA 2021

Ministry of Higher Education Entrepreneurial Awards 2021



POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH MOST ENTERPRENURIAL POLYTECHNIC

INSTITUTIONAL AWARD

MEA 2021

MINISTRY OF HIGHER EDUCATION

ENTREPRENURIAL AWARDS 2021



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MINISTRY ENTREPRENURIAL AWARD (MEA)

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ISBN No : 978-967-0032-44-3 eISBN No : 978-967-0032-01-6

First Published in 2022 by:

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FOREWORD

Assalamualaikum warahmatullahi wabarakatuh,

Entrepreneurship is the main agenda in producing many entrepreneurs among students and graduates. This is enshrined under the Entrepreneurship Action Plan of the Integrated Institute of Higher Education Institutions (PTK IPT) Malaysia.

Being selected twice in the competition for the nomination of the Best Institutional Entrepreneurship Award organized by the Ministry of Higher Education in 2018 and 2021 provided a precious experience. Especially when PSA has crowned the best entrepreneurial institution for Malaysian polytechnics in 2021, this award is a recognition of the unwavering efforts of PSA staff to ensure this success is achieved.

The hard work of all departments, centres and units has transformed the entrepreneurial landscape that develops a synergistic and holistic ecosystem across all areas of PSA. In addition, the entrepreneurial model developed in line with the development of students to produce a balanced and entrepreneurial-minded TVET human capital. This further strengthens the excellent entrepreneurial ecosystem.

Strategic entrepreneurial network involvement in and out has been leveraged to strengthen entrepreneurship based on innovation and technology. PSA has developed a strategic framework that forms an entrepreneurial ecosystem focused on academic, industrial, government and community excellence in the country's higher education entrepreneurial landscape. May this success be a sticking point for PSA to enhance further its efforts to develop the PSA entrepreneurial ecosystem. In turn, maintaining superior performance in achieving performance indicators (KPIs) will produce more job creators in the future.

Dr. Hj. Mohd Zahari bin Ismail Director Sultan Salahuddin Abdul Aziz Shah Polytechnic





FOREWORD

Assalamualaikum warahmatullahi wabarakatuh. Greetings of the PSA entrepreneur's family.

The Premier Entrepreneurship Centre is responsible for developing an entrepreneurial mindset among PSA students. This centre coordinates all entrepreneurial programs and activities to produce holistic and entrepreneurial graduates. Developing entrepreneurs among students is challenging job. It takes a long time, careful planning and constant improvement of strategies and methods of implementation. However, cooperation with all parties, especially the main department, can ensure the success of achieving the KPIs and the objectives set have been implemented.

PSA's entrepreneurial model is based on the Entrepreneurship Action Plan resulting in a combination of four essential components: F.I.T.C., Funding, Innovation, Technology and Innovation. All developed planning is in line with this model. May this model succeed in producing a holistic, balanced and entrepreneurial-minded TVET human capital.

In 2021 PEC recorded a tremendous success as it has won the Best Entrepreneurship Institution Award 2021. This success proves that the developed systems and models can produce balanced, holistic and entrepreneurial students. This success was achieved through the efforts of all parties, from the Director to students who are creative and ambitious.

Indeed, I am very grateful for the commitment of all parties, especially the lecturers in their respective fields. Therefore, I would like to thank all the lecturers, staff and students of PSA for mobilizing entrepreneurial activities at PSA to achieve success at the national level. Hopefully, this effort and cooperation will continue, and this performance will be maintained in the future.

Zaharatul Akmar binti Ahmad Zainuddin Head of Premier Entrepreneurship Centre Sultan Salahuddin Abdul Aziz Shah Polytechnic

EXECUTIVE **SUMMARY**

Since its establishment in 1997, Politeknik Sultan Salahuddin Abdul Aziz Shah (PSA) is constantly evolving to forge ahead as a leading edge TVET institution in Malaysia. As a premier polytechnic, there are numerous efforts put forth by the institution to create a holistic and conducive entrepreneurship ecosystem as emphasized in the 2030 National Entrepreneurship Policy's 1st thrust. One of the major steps taken by PSA is by establishing Premier Entrepreneurship Centre (PEC) to serve as a hub to facilitate all entrepreneurial activities in PSA. To push the entrepreneurial enthusiasts to the next level, the formation of the Centre for Research, Innovation and Commercialization (CRI) has fruitfully put PSA in the limelight; through the triumphs and recognitions in numerous innovation projects and research papers. Also, PSA has built strong affiliations with entrepreneurial entities from various industries through its Corporate Industrial Services & Employment Centre (CISEC). On top of the fame and glory, PSA has never forgotten to give back to the community through the Social Innovation & Social Entrepreneurship (SESI) projects. To date, PSA has produced more than 500 entrepreneurs with the support of trained and certified mentors. PSA has geared up to stay abreast with the new digital world through big data analytics and the Entrepreneurial Database. The Centre for Medical Electronics Technology has also formed a solid entrepreneurial ground in PSA through the partnerships, knowledge sharing, services and trainings provided. Moving forward, PSA intends to produce more global ranking successful entrepreneurs and job creators in the future.

Introduction

MEA 2021

Inside This **REPORT**



Entrepreneurial Impacts And Outcomes

Institutional Ecosystem

Innovative And Entrepreneurial Staff

Stakeholder Engagement

Our Pride

GREAT THINGS in business are never done by one person, they're done by a TEAM OF PEOPLE

Steve Jobs

INSTITUTIONAL BACKGROUND



Sultan Salahuddin Abdul Aziz Shah Polytechnic is located in Shah Alam, the capital of Selangor Darul Ehsan.



411 well-trained and professional staff are prepared to deliver quality courses to 4,127 students who are currently enrolled in PSA.



6 (six) Academic Departments:

Department of Mechanical Engineering

Department of Civil Engineering

Department of Electrical Engineering

Department of Commerce

Department of Mathematics and Computer Science

Department of General Studies



PSA started operations on 7 July 1997



The 8th polytechnic established under the Ministry of High Education



INSTITUTIONAL ECOSYSTEM

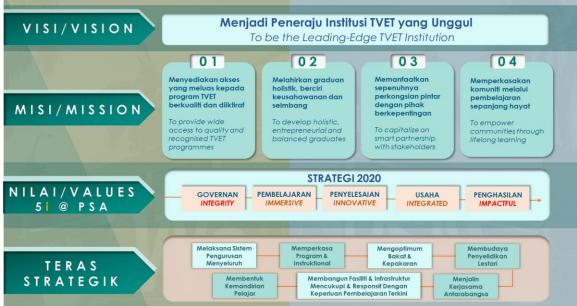
ABOUT US OUR STRATEGIES OUR APPROACH 1R4.0 @PSA



STRATEGY

Politeknik Sultan Salahuddin Abdul Aziz Shah (PSA) is constantly aligning its strategy, process, structure, people and technology to convert opportunities to gains.

Its strategic approach leads its staff and students to a clear route to sail towards embracing its vision and mission.



PSA sets the tone for the organisation through the institutional strategic planning and action plans, centred on the 5i shared values:

Integrity Immersive Innovative
Integrated Impactful

Reference:

Pelan Tindakan 2020 Politeknik Sultan Salahuddin Abdul Aziz Shah



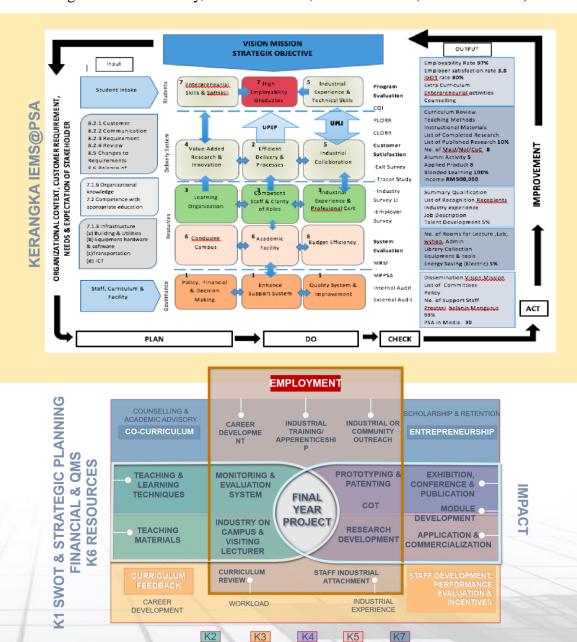
PROCESS

ABOUT US

In becoming an eminent tertiary education institution, PSA has incorporated an integrated system to comply with all standard requirements called Integrated Excellence Management System (IEMS) to manage the seven core operational processes:

K1: Governance, K2: Teaching & Learning, K3: Staff, K4: Research & Innovation,

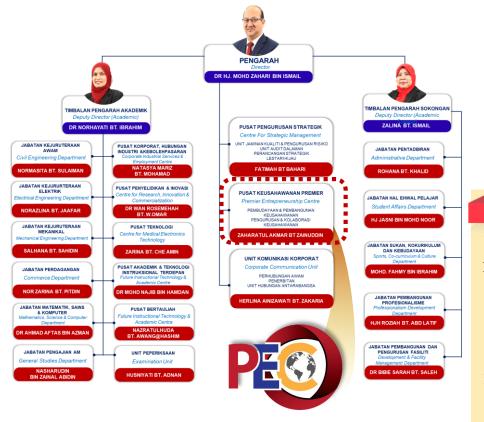
K5: Image and Sustainability, **K6**: Resources, **K7**: Students. (APACC Criteria)



STRUCTURE

ABOUT US

PSA employs a hybrid approach for its organizational structure that integrates both process and functions; to facilitate the seven core operational processes under the IEMS system to achieve its institutional goals. Each department, centre, and unit are placed directly under the director and deputy directors following their strengths and fortes.



DR MOHD ZAHARI BIN ISMAIL

PhD in Management, focused on Entrepreneurship Development in Malaysian Polytechnic

Chairman of Entrepreneurship for Central Zone

The multidisciplinary strength contrived through the integration between PSA's Centres of Technology (COT) and its Centres of Excellence has consolidated a comprehensive entrepreneurial foundation in PSA.



Under the supervision of COT, Technology of Robotic & IOT Centre focuses on developing competency and expertise of robotics and IoT applications among students.

TRIC EXCELLENCE

PB

This centre plays vital roles in stimulating growth and excellence among individuals and group in PSA through innovative thinking. It creates opportunities for greater wealth through first-rate research papers, outstanding innovation projects and product commercialization.

It is a centre under the patronage of TPA that offers upskilling, reskilling and cross-skilling training among students and lecturers, as well as industrial workers.

CMET

An exemplary calibration centre that acts as a key enabler for an inclusive growth of entrepreneurial climate in PSA through its expertise in the biomedical equipment field.

PEOPLE

ABOUT US



In becoming the cream of the crop, PSA makes sure that its staff and students stand on a common ground and have shared values to dress for success. Having **enterprising characteristics** is considered as a key success in PSA; as it enables the staff and students to cope with the concept of volatility, uncertainty, complexity and ambiguity (VUCA).



TECHNOLOGY



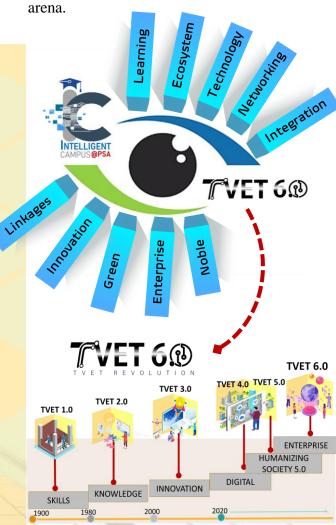


NTELLIGENT CAMPUS@PSA

11 Elements:

- 1. INTEGRATION
- 2. NETWORKING
- 3. TECHNOLOGY
- 4. ECOSYSTEM
- 5. LEARNING
- 6. LINKAGES
- 7. INNOVATION
- 8. GREEN
- 9. ENTERPRISE
- 10. NOBLE
- 11. TVET 6.0

PSA has launched the **Intelligent** Campus concept that gives highlight on entrepreneurial characteristics **TVET** 6.0. is It revolutionary adopted **PSA** approach by introduce human capital diversification in the digitalization



TECHNOLOGY

ABOUT US

As a leading TVET institution in Malaysia, digitalization is no stranger to PSA. Managing data on a day-to-day basis can be overwhelming. Therefore, PSA took a step ahead to incorporate **big data analytics** in its operation.



PSA is also committed to strengthen its entrepreneurial ecosystem through research. innovation and collaboration. This will benefit the staff, industry students, and community. Furthermore, PSA also focuses on the Social **Entrepreneurship** and Social Innovation (SESI) projects to benefit the community as a whole.









Premier Entrepreneurship Centre (PEC) is established to support an extensive spectrum of initiatives. learning and research providing avenues for internal and external entrepreneurial educational programmes; as well as supporting entrepreneurship-driven innovations and social community development. As the entrepreneurial element is a focal point in the institution, the Premier Entrepreneurship Centre (PEC) is placed directly under the supervision of the director himself.

EKNOLOGI



Paving through its entrepreneurial agenda, PSA makes sure that it is in line with the government's aspirations.





STRATEGIES



POLYTECHNIC

PSA in takes pride the establishment of the Centre for Medical Electronics Technology.

The centre aims to become the catalyst in making Malaysia a highincome nation and the front-runner in Technical Vocational Education

Centre for Medical Electronic Technology (CMET) was established in 2010 as the Centre of Technology (COT) under Premier Polytechnic flagship. CMET serves as a hub for references, research and innovation as well as a nexus for national and international collaboration specialized in medical e ectronics.

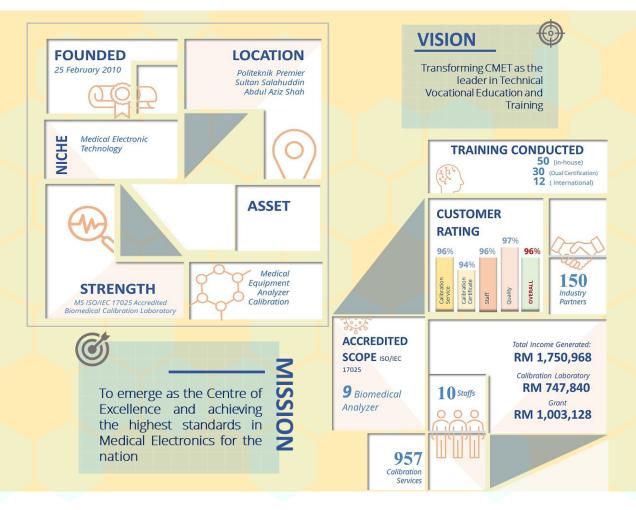
and Training (TVET). Expert Services -**Accredited** alibration TVET ECOSYSTEM of Components Research

Innovation

The formation of CMET is one of the initiatives of the Polytechnic Transformation (2010-2015)Plan strengthen and restore public confidence in the polytechnic TVET education system.



STRATEGIES







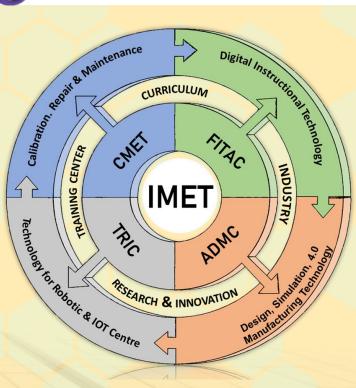
STRATEGIES

Flagship Programmes @ Polytechnic Malaysia



Way forward

It is inevitable that the Industrial Revolution waits for no man. PSA foresees its bright future through the education and economic sectors as it is taking a bold move to establish the **Technology** for Robotics and IoT Centre and Additive Manufacturing Centre to bolster CMET's functions as the Medical Engineering hub for Technology.



STRATEGIES STRATEGIES





Centre for Research, Innovation and Commercialization (CRI) is established to assist the young entrepreneurs and their mentors in the aspect of product development and commercialization.



STRATEGIES STRATEGIES







CERTIFIED
TRAINING CENTRE
/ PUSAT
BERTAULIAH



A training provider authorized by the Director General of the Skills Development Department to run accredited programmes until the stage of certification.

STRATEGIC COLLABORATION:



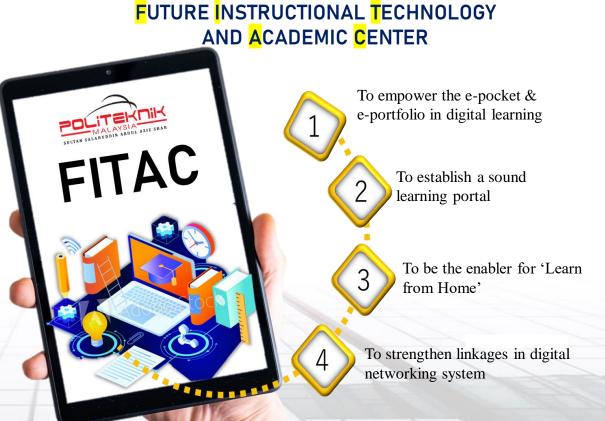
6 PRESTIGIOUS PROGRAMMES

- 1. Certified Construction Site Supervisor (C&S)
- Certified Construction Site
 Supervisor (Mechanical & Electrical)
- 3. Construction Traffic Management Officer
- 4. Certified Facility Management Executive (FME)
- 5. Smart Home Program
- 6. Kompetensi Pengurusan (Soft TVET)

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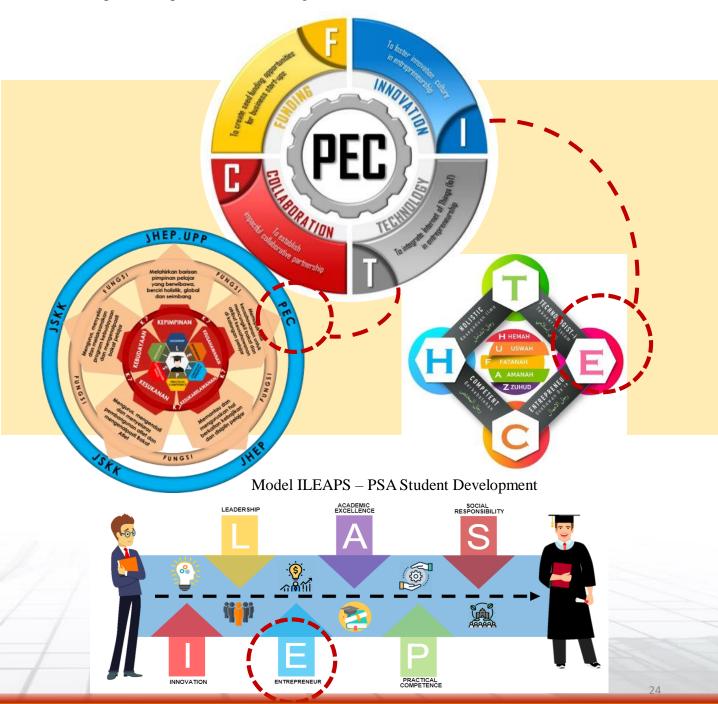
STRATEGIES





STRATEGIES

Devoted in making entrepreneurship a culture in PSA, the entrepreneurial component is emphasized in its working models. This is congruent with the Ministry of Higher Education's aspiration to rejuvenate the nation through entrepreneurship as tabled in the Entrepreneurship Action Plan for Higher Education Institutions (2021 - 2025).



STRATEGIES

PSA has laid down a sturdy entrepreneurial footing through four basic strategies namely, Entrepreneurial Mindset & Culture, Business Engagement, Product Realization & Execution Mechanism. The institution is piloted by its two significant entrepreneurial models in establishing a sound ecosystem for its staff and students.



With the intention to indoctrinate entrepreneurial readiness among the students, PEC is given a slot for entrepreneurship briefing during the new intake's orientation week. This allows the centre to prompt the students' abilities and passion to engage in entrepreneurial activities. PSA adopts the CRAFT model as a reference in shaping the students to become entrepreneurs. Aside from academic excellence, PSA puts stress on instilling excellent communication and negotiation skills among students through its academic and non-academic agendas. Through the credited and non-credited Entrepreneurship Club offered in PSA, students are given real life experience on how to run and administer business. Attention is also given on financial planning and reporting to supplement their entrepreneurial abilities. With the advent of the digitalization era, students are equipped with digital knowledge to enable them to expand their business and engage with customers locally and internationally. This comprehensive cycle includes networking with industries, in which PSA receives facilities and training to help shape the students to become successful entrepreneurs.

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STRATEGIES STRATEGIES

PSA ensures that it stays connected with its internal and external stakeholders via its social media platforms.







Medium: Facebook

https://web.facebook.com/pssaas https://web.facebook.com/Premier -Entrepreneurship-Centre-PSA-101213328676098/about





OUR APPROACH



A total amount of RM51,494 is provisioned to empower entrepreneurial activities in PSA.



Numerous activities and programmes were premeditated to foster entrepreneurial attributes among students and staff.

- 1.Pesta Konvokesyen PSA 2019
- 2. Karnival Usahawan Kampus 2019
- 3.SME Bank 90 Days Business Challenge
- 4.Be\$Mart (CIMB Foundation)
- 5.Karnival Usahawan Kesenian & Pelancongan (KUKP) and Karnival Keusahawanan Endowmen dan Wakaf (KKEW) 2019
- 6.My Best Buy (MBB) 2019 (8 Series)
- 7.Inkubator Printing 2019
- 8. Student in Real Entreprise (SIRE)

APPROACH

It is a privilege for PSA to have FAMA as its patron in implanting entrepreneurial mindset among the students with the establishment of MyAgrosis Young Entrepreneurs Club. The students are also given real-life trainings to strengthen their marketing and management skills.





An entrepreneurial database system was developed by the Premier Entrepreneurship Centre (PEC) to keep track on the entrepreneurs' records.

PEC Entrepreneur Database









STUDENT GRADUATE

ALUMNI

LECTURER

APPROACH

PSA has received grants and aids in the forms of financial support and trainings to support the young entrepreneurs.











Graduate Training Grant **Grant & Training** (Packaging Programme)

Grant & Training (e-accelerator programme)

Training (Entrepreneurship Courses)

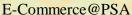


IR4.0@PSA

In facing the Fourth Industrial Revolution, PSA has taken a comprehensive and innovative approach to indoctrinate entrepreneurial culture in the institution.

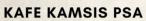






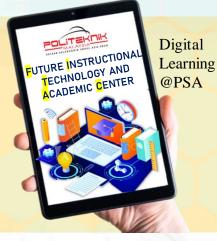
Digital Library@PSA







E-cafe@PSA





E-Competition

Virtual Sport@PSA



IR4.0@PSA



Integrated Governance - Big Data, iEMS Innovation & Research Ecosystem

- e-CRI
- virtual expo





Center Of Technology

- IMET
- Robotic

Industry Linkages

- Industry on Campus
 - TimTech
 - COC signing



SIGNATURE PROGRAM: From Idea to Commercialization (FITC) is a signature programme by PEC which aims to produce successful and exceptional graduate entrepreneurs. Apart from the fact that FITC is designed as a curriculum-based programme, it also offers a collaborative partnership between PSA young entrepreneurs and SME's; under the patronage of PEC collaborating partners with the focus of armouring students with the know-how of becoming successful entrepreneurs. The effort is hoped to supplement PEC's Key Performance Index that is to produce at least 8% of graduate entrepreneurs each year.

CURRICULUM: Digital Entrepreneurship course is also embedded in the curriculum and is made as a compulsory course for the students of PSA to fulfil. It is seen to have benefited majority of the students and graduates of PSA as it aids them to brave out Covid-19 pandemic through their online businesses.

COMPETITION: PSA is vigilant in enriching the staff and students' skills and talents through local and international competitions in tandem with enterprising characteristics instilled in the institution such as innovative, creative, risk taker, goal oriented.

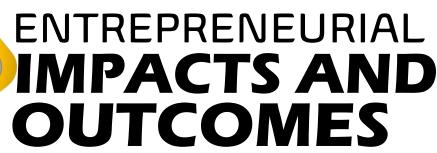
CO-CURRICULAR: In 2016, MyAgrosis Young Entrepreneurs Club (MYEC) was established in collaboration with FAMA. The objectives are to enhance the students/club members opportunities for learning-by-doing through action and experience. Many programmes have been arranged and executed by the club to carry the institutions entrepreneurial agenda. In general, MYEC has successfully groomed numerous entrepreneurs among students and graduates. Upon graduation, some of them have become job creators with new business start-ups.

TALK: Numerous programmes were arranged for the staff and students to support their enterprising characteristics and to help them cope with IR 4.0

NETWORKING: Collaborations have been sealed off with various agencies and industries as strategic partners to further strengthen PSA entrepreneurial ecosystem.



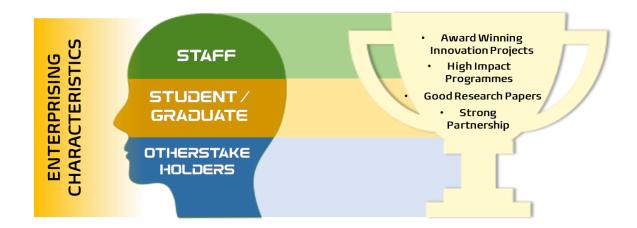




OUR ACHIEVEMENTS OUR YOUNG ICONS OUR ALUMNI

OUR ACHIEVEMENTS

As PSA has successfully created supportive environments to foster innovation-based ventures, numerous achievements have been recorded.







OUR ACHIEVEMENTS



Malaysia Technology Expo 2020
Electronic Scarecrow in Paddy Field
1. Gold Award: Youth Innovation
2. Special Award: INNOPA (Indonesian Invention and Promotion Association)

12th Fira Malaysia Cup 2019 Politeknik Port Dickson 28 April 2019 - 3 Mei 2019 1 Bronze Medal





Innovation, Product Launching and Entrepreneurship (INNOPLEN 2019)

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OUR ACHIEVEMENTS



CoC between
PSA and
Karabuk
University &
Tokat
Gaziosmanpasa
University,
Turkey

Lunar Mega Best Buy 2019





Gerak Usahawan Kampus 2019

ME4 2021

OUR ACHIEVEMENTS



PERISA 2020 19-21th March 2019 2nd Runner Up

iCOMPEX 2019 19-21th March 2019

POLIMAS 8 Gold Medals 11 Silver Medals





Edola 2019
Product: 360 Video
Biomedical Tempat:
Averly Putrajaya
October 2019
Gold Medal
1st Prize Winner

OUR ACHIEVEMENTS



AKPK 2018/2019 Collaboration Awards



Competing against Malaysian & Indonesian Polytechnics and Community Colleges; PSA & MOHE entrepreneurship icon, Meor Muhamad Fazrul Adly bin Meor Fuad has once again unlocked PSA new achievements through the National Young POLYCC Entrepreneurs programme — Let's Make your Pitch 2020 competition as he won two awards:

Best Business Pitch Award Winner (Third Place)

Best Outstanding Idea Award Winner (Services)

OUR ACHIEVEMENTS

NATIONAL LEVEL COMPETITION CELCOM-GOOGLE SISWAPRENEUR 2020

1. Meor Muhamad Fazrul Adly Bin Meor

Fuad

BEST STUDENT AWARD

2. Aiman Daniel Bin Rumaizi

GOOGLE SITES QUIZ WINNER

3. Darren Joel Severinus

GOOGLE DOCS QUIZ WINNER

4. Nur Syakirah Binti Khairil Anwar

GOOGLE SLIDE QUIZ WINNER





STARTUP PITCH BOOTCAMP & COMPETITION NATIONAL LEVEL

25 - 28 APRIL 2019

2ND PRIZE STUDENT CATEGORY NURUL NAJIHA BT MOHD WADI

ME4 2021

ACHIEVEMENTS

MY AGROSIS CUP COMPETITION 2019
25 – 28 APRIL 2019 | UNIVERSITI MALAYSIA TERENGGANU
2ND PRIZE WINNER





THE RAPID YOUTH SUCCESS ENTREPRENEURSHIP

(RYSE) SHOWCASE 2019

19 FEB 2019- OKT 2019

3RD PRIZE WINNER: PINQUOTES & 4TH PRIZE: COCOBAG

ACHIEVEMENTS

Year in, year out, PSA exceeds the Key Performance Indicators for employability through entrepreneurship as set by the Department of Polytechnic and Community Colleges Education.





PELAJAR, GE & PSH



Reference:

Pelan Tindakan 2020 Politeknik Sultan Salahuddin Abdul Aziz Shah

OUR ACHIEVEMENTS

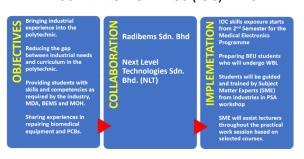
COMMERCIALIZATION & NEW BUSINESSES AT PSA

Innovation continues to thrive in PSA to support the robust knowledge transfer in the institution's entrepreneurial ecosystem.

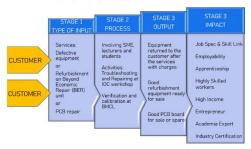


From a government nature organisation, CMET is now taking its path to transform into becoming an enterprising TVET institution. CMET provides professional services for biomedical analysers calibration and biomedical equipment maintenance. On top of being the source of reference based on its academic triumphs, it is also actively generating income for PSA.

INDUSTRIAL ON CAMPUS (IOC) IN PSA



IOC CONCEPT AT PSA



OUR ACHIEVEMENTS

COMMERCIALIZATION





AIRDRONE COMPETITION IN CONJUNCTION WITH NATIONAL SCIENCE WEEK 2019 - KELANTAN STATE LEVEL / NATIONAL LEVEL





IIUM ROBOTIC COMPETITION 2019 / INTERNATIONAL LEVEL

OUR ACHIEVEMENTS







POLYSKILLS 2019 / NATIONAL LEVEL



12TH FIRA MALAYSIA CUP CHAMPIONSHIP 2019 / NATIONAL LEVEL STUDENT AWARDS
NATIONAL 5 INTERNATIONAL

2019 2020



MOHE ENTREPRENEURSHIP ICON

MEOR MUHAMAD FAZRUL ADLY BIN MEOR FUAD, or better known as Cikgu Meow, is a student pursuing Bachelor in Facilities Management Technology in PSA. At this young age, he is already leading his own business empire; Meor Legacy Established Group and founded Malaysian Cat School (MYCATS).

His remarkable entrepreneurial involvements and achievements have landed him onto important entrepreneurial posts like the President of MyAgrosis Young Entrepreneurs Club (MYEC) PSA 2020 and the Chairman of PSA Event Management Incubator. Cikgu Meow has been the talk of the town for his accomplishments and has been featured as special guest on radio and TV shows. May his entrepreneurial aspirations inspire and future plans more young entrepreneurs to venture into this field.





YOUNG ICONS



MUHAMMAD ASYRAF

BIN MOHD ZAIN

Another PSA entrepreneur worth mentioning is Muhammad Asyraf bin Mohd Zain. With strong interest in business, he realized that knowledge is the key to success.

In PSA, he was given many golden opportunities that has helped shape him to be who he is today as an entrepreneur in automotive industry. As the Board of Director for MA Sepadu Legacy Sdn Bhd, he has helped create job opportunities for locals and is already looking for opportunities to expand further.



ICON







Redzuan Muharam redzuan.muharam@hmetro.com.my



MUHAMMAD Aiman Syaqir mengusahakan perniagaan burger dan kentang bersalut keju sejak dua tahun lalu. FOTO ihsan Muhammad Aiman Syaqir Nordin

Kota Bharu: Berbekalkan meja lipat dan peralatan asas perniagaan, usaha pemuda yang tidak kenal erti berputus asa membuahkan hasil apabila dia kini mampu menjana pendapatan

Muhammad Aiman Syaqir bin Nordin, a diploma student, has been in the F&B industry for 2 years and still standing strong



www.butikkosmetik.com | Platform No 1 Pilihan Selebriti Malaysia

Orang sekeliling tak faham

Beauty products entrepreneur, IKA KAMALIA, is a Diploma student in Business Studies and was the former MYEC 2019 Treasurer.

ICONS



NASIONAL

EKONOMI

LUAR NEGARA

GAYA

BERITA KOMUNITI NASIONAL TERKINI

Lelaki lumpuh jana pendapatan melalui e-sport



pendapatannya ketika ditemui pemberita di Sungai Malau Luar, Selama, Perak, semalam. UTUSAN/WAT KAMAL ABAS











LARUT: Terlantar di katil akibat lumpuh selepas terlibat kemalangan bukan halangan buat bekas pelajar Politeknik Sultan Salahuddin Abdul Aziz Shah (PSA) Shah Alam, Selangor menjana pendapatan melalui

rmainan video secara dalam talian atau e

Against all odds! When Muhammad Azali Abdul Hamid was announced partially paralysed due a road accident in 2017, no one would imagine he would be able to generate income while lying down on his bed. This PSA gaming entrepreneur went viral when he pursued a career and started making through playing money games online and has inspired thousands of netizens.



OUR ALUMNI

ALUMNI WITH ENTERPRISING CHARACTERISTICS







Anwar Afiq

A tv host, Writer, Speaker, Emcee, Singer

ALUMNI – DIPLOMA IN MEDICAL EL



OUR ALUMNI

WITH ENTERPRISING CHARACTERISTICS



CHE EDDIE ASUAN BIN CHE AZIZ

ALUMNI - DIPLOMA IN BUSINESS MANAGEMENT

Entrepeneur | Founder DEINA GLOBAL

The Best Brand Laureate 2020 Business Sustain Award 2019



Mohd Suhaimi bin Saiful

CEO Flerr, "Air Freshner No. 1 Malaysia"

ALUMNI - DIPLOMA IN MARKETING





INNOVATIVE AND ENTREPRENEURIAL STAFF

OUR IDOL OUR MENTORS OUR STAFF OUR INCUBATORS

OUR IDOL

It is such an honour for PSA to have a director with very clear entrepreneurial aspirations. A PHD holder in Entrepreneurship from University of Hull, United Kingdom (2010), Dr Mohd Zahari bin Ismail is also the patron for the central zone's entrepreneurial activities.



OUR MENTORS



OUR COMMITED MENTORS

With specific focus to groom its staff with entrepreneurial characteristics, the institution puts stress on the staff's upskilling, reskilling and cross skilling. This effort enables the staff to deliver customised courses for lifelong learning.

Expert Networks and Relations

- MDEC JPT Digital Entrepreneurship
 Subject Matter Expert
- Digital Marketing Trainer Cure and Care Vocational Center, AADK
- Digital Marketing Trainer Bahagian
 Pembangunan Kontraktor dan Usahawan
- Digital Marketing Trainer Persatuan
 Wanita Inspirasi Shah Alam (WISH)
- Digital Marketing Trainer Federal
 Agriculture Marketing Authority (FAMA)



OUR MENTORS

OUR COMMITED MENTORS

Expert Field:

 INTERNATIONAL COACH FEDERATION (ICF): Certified Associate Coach (B0011)

- ASSOCIATES OF BUSINESS EXECUTIVES UNITED KINGDOM (ABE): Certificate of Competency Digital Entrepreneurship
- OTHMAN YEOP ABDULLAH GRADUATE SCHOOL OF BUSINESS, UUM: Executive Certificate in Advance Business and Entrepreneurship Management (ABEM)
- MALAYSIA DIGITAL ECONOMY CORPORATION (MDEC) : Certified Master Trainer eUsahawan
- GOOGLE PARTNER CERTIFICATION : Google Adwords Display Certification
- PROFESSIONAL CERTIFICATE FOR ENTREPRENEURIAL EDUCATORS @3EP Certificate of Completion by UCD Innovation Academy, CESMED &
 MASMED
- SIFU FB: e-Usahawan Masterclass 2017, Seminar FB Ads Missing Chapter Return
- CONTINUOS PROFESIONAL DEVELOPMENT (CPD): Diploma Digital Marketing
- EUSAHAWAN TRAINERS LEADER TRANSFORMATION TRAINNING
- THE PROFESSIONAL DIPLOMA IN DIGITAL MARKETING CERTIFICATE
- DIPLOMA IN DIGITAL ENTREPRENEURSHIP: LRN Level 3 (Pass)

ONLINE BAZAAR CHALLENGE (OBAC):

NAIB JOHAN

ROSLINA BINTI AHMAD

POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH
(PSA)





Expert Field:

- PSA CMET Manager
- Deputy Technical Head BMCL 2013 2017
- Technical Head of CMeT calibration Lab, 2011
- Calibration Approved Signatory for :
 - √ NIBP Analyzer
 - ✓ Patient Simulator
 - ✓ Syringe Pump
 - ✓ Microelectronics
 - ✓ Metrology





OUR STAFF

QUICKFACT

TYPES OF CERTIFICATION



2019 63 2020 73

RESKILLING 2019 388 2020 508

2019 0 2020 73 2019 19 2020 0

ANNUAL WORK TARGET

(SKT)

PROGRESS

ASSESSMENT METHOD

PROGRAMME IMPLEMENTATION REPORT

REPORT

PROGRAMME LEARNING OUTCOME QUICKFACT

QUALIFICATION

2019 2020 PHD 18 PHD 20 WA 159 MA 166

The staff's performances and achievements are measured based on the following methods :

- 1. Annual Work Target
- 2. Progress Report
- 3. Implementation report
- 4. Programme Learning Outcome

OUR STAFF

TRAINING

Rapid Youth Success Entrepreneurship (RYSE) is a Training of Trainers programme for lecturers from 4 different polytechnics across Malaysia; giving focus on Design Thinking.





Knowledge sharing session by
Prof. Melati and team on
Entrepreneurial Strategies &
Business Skills.

OUR STAFF

TRAINING

AUTODESK INVENTOR 2020 ESSENTIAL - PRESTARIANG





UNMANNED AERIAL
VEHICLE COURSE
TRANSMISSION
POWER 2020

OUR STAFF

TRAINING

ADDITIVE MANUFACTURING, SIRIM, 2020





INDUSTRY FORWARD
RE-SKILLING PROGRAMME
ON CONVERGENCE OF LEAN
PROD. SYSTEM WITH
INDUSTRY 4.0 PILLARS 2020

OUR STAFF

TEACHING AND LEARNING

As tertiary education institution, the entrepreneurial element fused the curriculum and tabulated clearly the Programme Educational Objectives (PEO) and the Programme Learning Outcomes (PLO).

Robotics

Thinking Athletes

Certified Training Center

Pusat Bertauliah JPK IMET

Dual Certification Industry on Campus

Technohuffaz REDIBEMS
Preparing the Expert MTIB

FARNING APPROACH FITAC – FUTURE INSTRUCTIONAL TECHNOLOGY & ACADEMIC CENTER

Structured Internship

Work-based Learning (WBL)
Western Digital
Panasonic

Experiential Learning Empowering Community

Polyhomes Baiti Jannati TNB Community Responsibility Program

INNOPRENEUR

Final Year Project iCUBIZ

iChamp

MULTIFACETED LEARNING APPROACH

CURRICULUM COMPETENCY MAPPING

STRUCTURED INDUSTRY ENGAGEMENT

CAPACITY BUILDING (COCURICULUM)











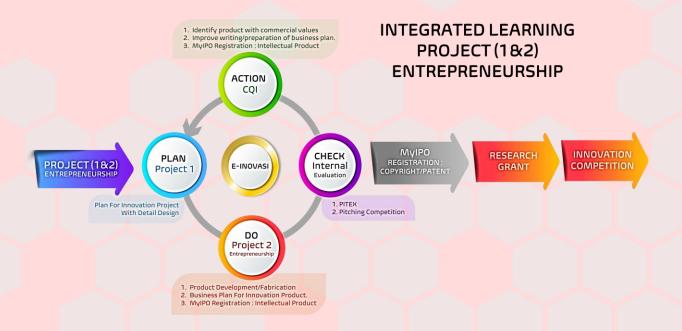


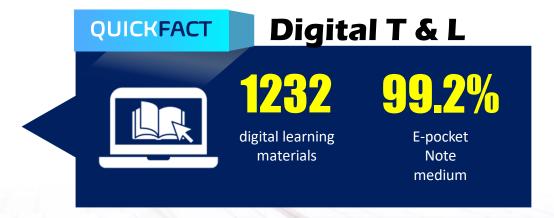


OUR STAFF

TEACHING AND LEARNING

Through the designed curriculum, PSA has created a pathway for the students to allow all teaching staff to inculcate entrepreneurial culture and mindset in the teaching and learning process





A total of 1232 digital learning materials are produced in support of providing a conducive digital teaching and learning environment. This effort benefited a vast majority of 99.2% of the academic staff who incorporates e-pocket as their teaching materials.



QUICKFACT ENGAGEMENT 2019 2020

PSA staff has been actively involved in international innovation competitions and conferences

Keynote Speaker in The 1st International Conference on Research in Social Science and Humanities (The 1St ICoRSH 2020)

Dr. Mohd Zahari Bin Ismail





Diskusi TVET Kebangsaan Tips Kepimpinan Cemerlang TVET 2021

ME4 2021

OUR STAFF







Himaksi Virtual Sharing With Riau Polytechnic 22th August 2020

Puan Zarina Bt Pitdin



International Conference 2019 (TheIRES)
Makkah, Arab Saudi
The Best Presenter
Puan Hjh Roziah Bt. Hj. Abdul Latiff



Webinar: Knowing Each Other Sharing Knowledge Puan Zaharatul Akmar Bt. Ahmad Zainuddin

OUR STAFF





National Young POLYCC Entrepreneurs Let's Make Your Pitch 2020 "Industrial Revolution 4.0"

Puan Rozita Halina (Best Mentor Award)

OUR STAFF

INNOVATION





International Award of Merit (The Malaysia–Croatia Technology Exchange 2021)

Gold Award

Category : Educational Technology & Pedagogy

Title: 360 Video Application For Biomedical
- Instrumentation Course: Biomedical
Instrument Invicta Vision

Ahli kumpulan:

Mariana binti Rosdi

Fariza binti Zahari

Dr. Mohd Najib bin Hamdan

Akmarya Syukhairilnisah binti Mohd Akhir

Mohamad Syamil bin Rozmi

Muhamad Nursalman bin Samsul Anuar





International Award of Merit (The Malaysia–Croatia Technology Exchange 2021)

The Best Award (Youth Category) Gold award

Category: Educational Technology &

Pedagogy

Title: Lift Seat

Ahli kumpulan:

Nazratulhuda binti Hashim

Azriel bin Anisshahbudin

Muhammad Amer Isyraf bin Mohd Zaidi Siti Nur Izazah binti Mahali

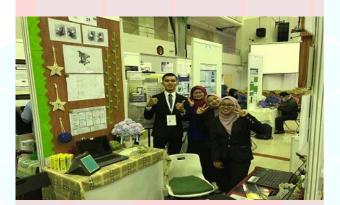
OUR STAFF

INNOVATION



International Bujang Valley Innovation,
Invention and Design
Competition 2019 (BVIIEC)

2 Professional Gold 1 Best Award 9 Inventor gold 7 Silver 4 Bronze



International Innovation & Invention Challenge via Exhibition (INTELLIGENT 19)

> 1 Gold 1 Silver 2 Bronze



Rekacipta Inovasi Nasional UKM Competition 2019

> 1 Gold 2 Silver



National Student Project Inovation Competition And Exibition Spice 2019

> 1 Gold 2 bronze

OUR STAFF

STAKEHOLDER ENGAGEMENT

Another major milestone worth mentioning is the staff engagements with external stakeholders.





OUR INCUBATORS



The incubation facilities available in PSA are guided by fervent and business minded staff.

K Shoppe Chillax is an effort to create entrepreneurial flair, innovation and agility in PSA. It opens up opportunities for students to have real-life experience in operating a business.

Under this incubator, students are given necessary skills and trainings from setting up a business, to marketing, to incorporating IoT in the business.

OUR INCUBATORS



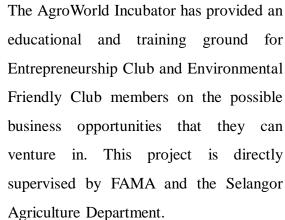


The establishment of the PSA Printing Incubator is one of the platforms to realize the aspirations of the Sultan Salahuddin Abdul Aziz Shah Polytechnic (PSA) to encourage and strengthen the development of a more organized and holistic entrepreneurship platform for students.

On that account, to encourage more students to venture into business, the establishment of the Printing Incubator is seen as one of the interesting platforms for PSA students.

OUR INCUBATORS





Among the plantation projects involved are rock melons, tomatoes, chillies and vegetables.

ABOYE ALL

The spirit of teamwork is highlighted in the planning and execution of programmes in PSA. Each department and staff bring forth their distinctive entrepreneurial strength to the table. With strong partnership with external stakeholders, many programmes and events are carried out successfully.



KARNIVAL USAHAWAN KESENIAN & PELANCONGAN (KUKP) DAN KARNIVAL KEUSAHAWANAN ENDOWMEN DAN WAKAF (KKEW) 2019 1-4 OKTOBER 2019







STAKEHOLDER ENGAGEMENT

OUR STAKEHOLDERS OUR ENGAGEMENT OUR PRIDE

STAKEHOLDERS

OUR ENGAGEMENT WITH STAKEHOLDERS

PSA has developed strong linkages with its stakeholders and has brought about remarkable results.





STAKEHOLDERS

OUR ENGAGEMENT WITH STAKEHOLDERS









9 September 2019 | Liputan REPUBLIKA.CO.ID : The 4th International Conference on Research in TVET Studies (ICOR - TVET 2019).



REPUBLIKA.CO.IC

Unpam-Malaysia Antisipasi Revolusi Industri dan Teknologi | Republika Online



STAKEHOLDERS

OUR ENGAGEMENT WITH STAKEHOLDERS (Knowledge Exchange)



Through the partnerships formed, expert knowledge sharing is done effortlessly and efficiently.



STAKEHOLD

PSA provides opportunities for career advancement opportunities through its engagement with stakeholders...







PENJANA KPT-CAP PROGRAMME (CATIA V5) TO GRADUATES OF MECHANICAL ENGINEERING THROUGHOUT MALAYSIA.

PSA's stakeholders, FAMA is involved As one major directly shaping entrepreneurship policies and practices in PSA. This partnership has resulted to the establishment of K Shoppe, AgroWorld, and My Best Buy Programme.



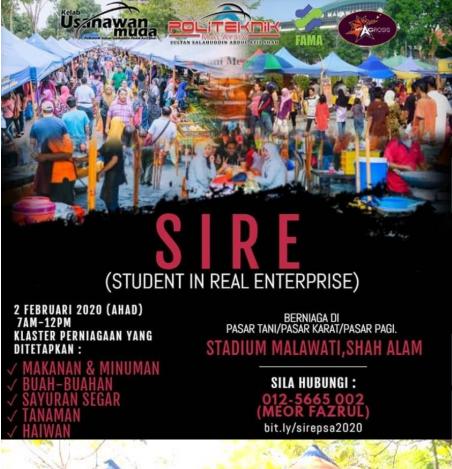


TRAINING





STAKEHOLDERS



STUDENT IN REAL ENTREPRISE (SIRE)

> FEB 2019 – OCTOBER 2019





STAKEHOLDERS





LUNAR MEGA BEST BUY

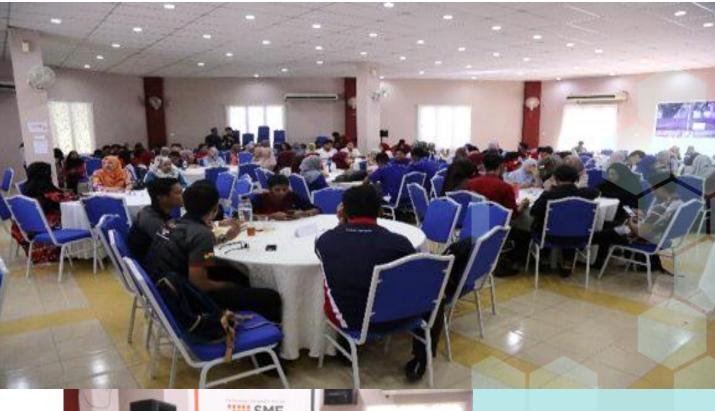
23 JANUARY 2020

- My Best Buy
- Dream Builder
 - Talk





OUR ENGAGEMENT





SME BANK 90 DAYS
BUSINESS
CHALLENGE

1 JULY 2019



OUR ENGAGEMENT





BE\$MART (CIMB FOUNDATION)

25-26 JULY 2019

EXTERNAL ENGAGEMENT:



COMMUNITIES.

CHANGING LIVES.

ENGAGEMENT





IS P PASMIAN PENUTUP
RNI J. J. JSAHAW
N P. J. JNGAN (
JSAHP
JAKI
PC

K
KOLE NI
2

KARNIVAL USAHAWAN
KESENIAN &
PELANCONGAN (KUKP)
and KARNIVAL
KEUSAHAWANAN
ENDOWMEN DAN
WAKAF (KKEW) 2019

1-4 OCTOBER 2019

Covers from Sungai Sembilang, Kuala Selangor, Banting Polytechnic, Springhill Port Dickson to Sultan Salahuddin Abdul Aziz Shah Polytechnic

EXTERNAL ENGAGEMENT:



Ministry Of Tourism, Arts And Culture Malaysia Kementerian Pelancongan, Seni Dan Budaya Malaysia

OUR ENGAGEMENT



DEWAN KULIAH UTAMA, POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH



CEO FACULTY TALK
SERIES 4
WITH Y.BHG DATUK SYED
HUSSIAN BIN SYED ALJUNID

TITLE: TIPS FOR GREAT JOB INTERVIEWS





ENGAGEMENT



PCR | Perpustakaan PCR Jalin Kerja Sama dengan Perpustakaan PSA Malaysia



1. THE DIGITAL LIBRARY

This collaboration focuses on the exchange of both institutions' digital collections.

9th DECEMBER 2020

2. A DELEGATION FROM CALTEX RIAU POLYTECHNIC, INDONESIA

Two-week student exchange programme

31 JULY 2019



ME4 2021

OUR ENGAGEMENT



Internationalization Programme

19th MARCH 2019

DINAS KEBUDAYAAN DAN PARIWISATA BANDUNG





OURPRIDE

THROUGH THE LENS



OURPRIDE







OURTEAN

Corporate and Strategic Management Centre

MEA Secretariat:

Dr. Hj Mohd Zahari Bin Ismail Director

Dr. Norhayati Binti Ibrahim **Deputy Director**

Zaharatul Akmar Binti Ahmad Zainuddin

Head of Premier Entrepreneurship Centre

Diana Binti Nasarudin Entrepreneurial Culture and Development Officer

Rabiatul Adawiyah Binti Abdullah Zawawi Entrepreneurial Network and Management Officer

Ainoor Mahfuzah Binti Ahmad Corporate and Strategic Management Centre

Emcee For The Day;

Salhana Binti Sahidin@Salehudin

Muhammad Anwar Afia Bin Mohd Noor Rashid

PEC Secretariat:

Jasni bin Mohd Nor Che Najah Binti Che Noh

Nor Rofizah Bt Abdul Mutalib Norhayati bin Ahmad Alwi

Sakdiah Binti Md Amin Nor Zarina binti Pitdin

Ts. Noorazlan Bin Mohd Samsuddin Norazlina binti Jaafar

Normasita binti Sulaiman

PSA Secretariat:

Hazlina binti Harumaini

Data Preparation;

Zarina Binti Che Amin Natasya Mariz Binti Mohamed

Ilva Binti Ismail Dr Hjh Wan Rosemehah Binti Wan Omar

Siti Zaliha Binti Omar @Othman Nurhidaya binti Musa

Dr Aziam binti Mustapha Dr Mohd najib bin hamdan

Hajah Roziah binti Hj Abdul Latif Mazni binti Muhammad

Prospective Graduate Entrepreneurs and Mentor

Muhammad Asyraf Bin Mohd Zain

Mizaria Binti Sumar

Rozita Halina Binti Rosli



Communication and Corporal Relations

Herlina Ainizawati binti Zakaria

CMET Secretariat;

Zarina binti Che Amin

Rusnani binti Yahya

Wee Soo Lee

Khairiani binti Othman

Roslina binti Abd Aziz

Students Entrepreneurs and Graduates Exhibition

(Commercialization Centre)

Izzaham Abd Hamid

zzanam Aba Hamia

Nur Anissa Binti Ahmad Uzued

Muhammad Asyraf Bin Mohd Zain

Aleyna binti Alim Yatim

Che Eddie Asuan bin Che Aziz

Dr Murugadas A/L Ramdas

Ilya binti Ismail

Moo Pei Siang

Meor Muhamad Fazrul Adly Bin Meor Fuad

Marissa binti Ismail

Mohd Haziq bin A.Rahman

Muhammad Aiman bin Abdullah

Dr Noordini binti Abdullah

(K-Shoppe)

Intan Maisara Binti Abdul Halim

Mizaria Binti Sumar

Nur Syamimie Iyazi binti Salman

Muhammad Safwan bin Adenan

Muhammad Fikhran Bin Pauzi

Nur Syamimie Iyazi binti Salman

Mustagim Bin Hud

Mira Arina binti Arman

Nurul najiha binti Zulkifli

Muhammad Kairul Azman bin Matori

Siti Noorliana binti Mohd Isa

Agroworld

Ahmad Faezal Bin Maskun

Hashim Bin Ahmad



Premier Entrepreneurship Centre

POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH

PASSIONATE · SYNJERGY SE · AGILE PASSIO

MEA 2021

MINISTRY OF HIGHER EDUCATION ENTREPRENEURIAL AWARDS 2021