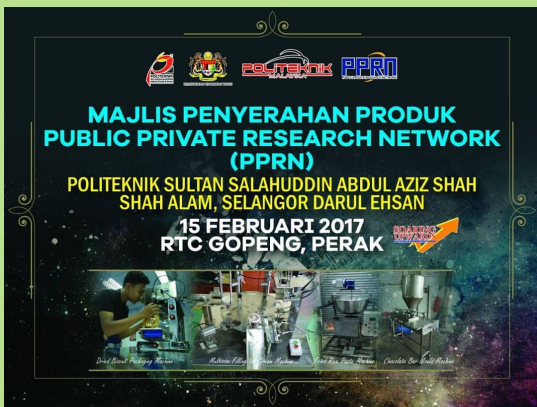


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### Handing-over products ceremony



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# VISION

*PSA as the leader  
in industry-  
relevant TVET*

# MISSION

*To produce holistic graduates with  
entrepreneurial potentials by  
providing access to dynamic, quality  
and recognized TVET programmes  
through a responsive curriculum.*





# Handing-over Ceremony of PPRN products

Some amazing innovations by our  
homespun talents :



15 February 2017,  
RTC Gopeng Perak.

## Multi-sized filling ice cream

(Dr. Norasiah Bt Muhammad)

## Fried rice paste machine

(Dr. Mohd Elias Bin Daud)

## Dried biscuits packaging machine

(Pn. Salhana Bt Sahidin)

## Chocolate bar moulding machine

(Cik Nurul Hayati Bt Jamil)

PSA, under the 7 Big Ideas 2017 wing, actively contributes towards the Public Private Research Network (PPRN). Finding a practical solution for industries' problems, especially the small-to-medium enterprises (SMEs) is the primary focus of PPRN. Demand-driven innovation projects by PPRN endeavour to identify SMEs with technological problems and researchers with viable research-based solution.

22 February 2017,  
Anjung Bestari PSA.

## Multipurpose high speed mixer

(En. Zulkhairi B. Khairudin)

## Multipurpose smoke machine

(En. Zulkarnain B. Hamid)

## Cream puff processing machine

(En. Zulkarnain B. Hamid)

## Curry puff machine

(Pn. Jamilah Bt. Abbas)



It is undeniably a proud feat for students and lecturers from Mechanical and Civil Engineering Department to produce innovations to help the industries. This programme utilizes the innovation approach to help the SMEs overcome their problems while at the same time benefits the country's economy on a bigger scale.

In two separate ceremonies on 15 and 22 February 2017 (RTC Gopeng and Anjung Bestari PSA respectively), the products were hand-over by our respected Director, Tn Hj. Tajuddin Bin Abdul Rashid.

# PSA SHINES

At the Malaysia Technology Expo 2017 organised by the Malaysian Association of Research Scientist (MARS) held on 16 - 18 February 2017, PSA swept 2 golds, a silver and 2 bronze medals. PSA students clinched The Best Award besides the gold for its Bolster Barrier (BOLER) product under the Asian Youth Innovation Award for Youth category. PSA lecturers also excelled when they secured a gold medal for the Invention and Innovation Award with their product; Smart Tool for Bricks Layering.



**The following is the PSA's achievement at Malaysia Technology Expo 2017:**

*Invention and Innovation Awards (Lecturers):*

- a. Gold Award:  
Smart Tool for Bricks Layering (JKA)
- b. Bronze Award:  
Smart Blood Pressure Device (JKE)

*Asian Youth Innovation Awards (Students):*

- a. Gold and Best Award:  
Bolster Barrier (BOLER) (JKA)
- b. Silver Award:  
Autism Tricycle Therapy (ATTHEP) (JKE)
- c. Bronze Award:  
Hydraulic Door Installation Device (JKM)



# Road to GENEVA

Continuing the innovation achievement at Malaysian Technology Expo (MTE) 2017, PSA is embarking for the international recognition through its participation in the 45th International Inventions of Geneva 2017 in Switzerland from 29 March – 2 April. PSA Civil Engineering Department team is proud to represent Malaysian Polytechnic in Switzerland flying out its two remarkable products – Smart Tool for Layering Bricks and Bolster Barrier (BOLER). Smart Tool for Layering Bricks which aims to reduce the working time and process in construction work, has been recognized by the Malaysian Association of Creativity and Innovation (MACRI) as an innovative and unique product with great commercialization potential. While, BOLER has also been successfully patented with PRO IP Sdn. Bhd. on 24 March 2017. We wish them success in their endeavour in Switzerland. Go Team PSA!



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