

**MAKLUMAT AKTIVITI YANG DIJALANKAN  
DI FAKULTI KEJURUTERAAN  
TAHUN 2017**

1.	Majlis/Aktiviti/Persidangan/ Bengkel/Seminar/Lawatan	:	PERODUA ECO CHALLENGE (PEC) 2017
2.	Jabatan/Program	:	PERODUA Malaysia Sdn. Bhd
3.	Tarikh Aktiviti & Tempat:	:	<b>Grand Finale PEC 2017</b> <b>Date : 29 Nov 2017</b> <b>Time : 8.00 am to 5.00 pm</b> <b>Place : Ballroom, Level G, One World Hotel, Kuala Lumpur</b>
4.	Tetamu Jemputan/Ahli/Staf terlibat	:	<b>YBhg Prof Dato. Dr Mohd Ismail Bin Abd Aziz</b> Director General Department of Polytechnic Education Ministry of Higher Education  <b>YBhg. Datuk (Dr) Aminar Rashid Salleh</b> President & CEO of PERODUA
5.	Dirasmikan oleh	:	<b>YBhg Prof Dato. Dr Mohd Ismail Bin Abd Aziz</b> Director General Department of Polytechnic Education Ministry of Higher Education
6.	Ringkasan penerangan aktiviti yang dijalankan	:	PERODUA Eco Challenge (PEC) 2017 is a CSR competition organized by Perusahaan Otomobil Kedua Sdn. Bhd. (Perodua) since 2009. Before this, this competition is all about eco-races. But this year, the challenge format has been change. For PEC 2017, competition teams are required to produce a car part that fulfills the element of ECO – Environment, Creativity and Originality. The idea must also incorporate a ‘Unique Malaysia’ element in the design.

		<p>A total of 21 institution were invited to participate in PEC 2017 in November 2016 and from these institutions, 10 finalist have been choose based on the submitted ideas. As one of the finalist, 20 student from Mechanical and Manufacturing Engineering and Electrical and Electronics Engineering Department have been chosen to represent UNIMAS. For PEC 2017, UNIMAS is the sole university from Borneo to be chosen among competing institution as one of PEC 2017's finalist. UNIMAS also managed to get 2<sup>nd</sup> runner-up in Sketching Design Competition held in June 2017.</p> <p>Since the earlier development of this project, UNIMAS team have been working closely with PERODUA's R&amp;D team, vendor and was guided by En. Wan Muhammad Bin Wan Ibrahim as UNIMAS team mentor. The students were exposed to the real world industry practices such as project planning, scheduling, mass production costing, market trends, important design factors and more.</p> <p>During the grand finale of the PEC 2017 on November 29, the finalist were evaluated based on the depth of their initial project proposal, overall project progress, final presentation and working prototype part which was the E-Manage that consist of BC Sense and G-Pandu for UNIMAS team.</p>
7.	Pelajar yang menyediakan maklumat	: Sitti Aishah Binti Najamudin

8. Gambar

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BC Sense & G-PANDU







