

# AVEC 2017

## ASEAN VOCATIONAL AND ENGINEERING CAMP 2017

Toward 'School 4.0' | 9th – 16th July, 2017

### BACKGROUND

ASEAN Vocational Engineering Camp (AVEC) was organized under the Regional Association for Vocational and Technical Education in Asia (RAVTE).

AVEC 2016 was successfully conducted on 3th to 10th July 2016 at Rajamangala University of Technology Lanna (RMUTL), Chiang Mai, Thailand. The main input from AVEC 2016 camp consist of a 5 day workshop focusing on the implementation of the Internet of Thing (IoT), sponsored by ST Microelectronic, Espert, RMUTL and Singapore Polytechnic.

This year, Faculty of Technical and Vocational Education (FPTV) from Universiti Tun Hussein Onn Malaysia (UTHM) will take turn as the host for organizing this camp. The theme for AVEC 2017, "Towards School 4.0", primarily focusing on the application of Internet of Thing (IoT).

AVEC 2017 is open to all universities from ASEAN countries including the RAVTE members. The undergraduate students with background in electrical engineering, electronic engineering, information technology, computer science and engineering are encouraged to participate in this camp. The camp provides an opportunity to understand and apply the use of IoT in variety of contexts.

### OBJECTIVES

- Fostering creativity and the development of engineering through projects focusing on technology design.
- Motivate and inspire vocational and engineering students through the exchange of information, ideas and thoughts on design and maintain a strong relationship, unity and development of the entire community in the ASEAN region.
- Practicing the concept of using Internet technology to solve problems in a variety of contexts that can be applied to other fields.
- Integrating different community into a regional social diversity of ASEAN.

Limited Place  
First Come, First Serve  
60 Students Only  
Admission fee: 200 USD/student  
200 USD for RAVTE member

### CONTACT US

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# AVEC 2017



## ASEAN VOCATIONAL AND ENGINEERING CAMP 2017

Greetings from AVEC 2017!!!

It's an honour to inform that the second ASEAN Vocational and Engineering Camp will take place in Universiti Tun Hussein Onn Malaysia with the collaboration of the Regional Association for Vocational and Technical Education in Asia (RAVTE). This auspicious event will commence from the 9th – 16th July, 2017 at Faculty of Technical and Vocational Education, Johor, Malaysia.

We would like to invite two students and a lecturer who are in the field of Electrical Engineering, Electronics Engineering, Computer Engineering, Information Technology, Computer Science or engineering students with experienced studying C programming from universities in the ASEAN countries, as well as China and Taiwan to participate in this camp. This international camp aims to enhance the creativity of students, help foster creativity and serves as the convergence of future engineers through technology design projects. This camp will definitely motivate and inspire future engineers through exposure to design thinking, as well as generating good cooperation between ASEAN countries. The participants will have the chance to practice using Internet of Thing (IoT), facilitating them to solve problems in various contexts, a knowledge transferable to other fields for the benefits of others

In addition, participants will have a chance to explore Malacca the Historical City with their buddies as well as exchange their culture.

The camp fee is 200 USD per student with a special discount of only 100 USD for RAVTE Members!!! The fee covers accommodation, meals, transportation, t-shirt and workshop kit. (Excluded air ticket)

We can only accept 60 students from various ASEAN universities since seats available is limited and first come first serve basis. Let's make this opportunity as an experience of a lifetime!!

We are looking forward to hearing from you!!!

The deadline of application and submission is not later than 30<sup>th</sup> May 2017 and send it to [avecmy2017@gmail.com](mailto:avecmy2017@gmail.com)



## Tentative AVEC 2017

Date		Time	Programme
9 July 2017 (Sunday)			<ul style="list-style-type: none"> <li>• Arrival UTHM (participants and lecturer)</li> </ul>
10 July 2017 (Monday)	Workshop day 1	0900	<ul style="list-style-type: none"> <li>• Opening Ceremony</li> </ul>
		0930	<ul style="list-style-type: none"> <li>• Introduction to AVEC 2017</li> </ul>
		1030	<ul style="list-style-type: none"> <li>• Coffee break</li> </ul>
		1100	<ul style="list-style-type: none"> <li>• Ice Breaking Activities</li> </ul>
		1200	<ul style="list-style-type: none"> <li>• Lunch</li> </ul>
		1330-1730	<ul style="list-style-type: none"> <li>• Training #1 (Espert)</li> </ul>
		1700	<ul style="list-style-type: none"> <li>• Dinner</li> </ul>
11 July 2017 (Tuesday)	Workshop day 2	0900	<ul style="list-style-type: none"> <li>• Training #2</li> </ul>
		1200	<ul style="list-style-type: none"> <li>• Lunch</li> </ul>
		1330-1730	<ul style="list-style-type: none"> <li>• Design Thinking #1</li> <li>- Sense &amp; Sensibility (participants in group)</li> </ul>
		1800	<ul style="list-style-type: none"> <li>• Dinner</li> </ul>
		1900	<ul style="list-style-type: none"> <li>• Free time</li> </ul>
12 July 2017 (Wednesday)	Workshop day 3	0900	<ul style="list-style-type: none"> <li>• Training #3</li> </ul>
		1200	<ul style="list-style-type: none"> <li>• Lunch</li> </ul>
		1330-1730	<ul style="list-style-type: none"> <li>• Design Thinking #2</li> <li>- Empathy (Data clustering by facilitator, PERSONA and problem statement)</li> </ul>
		1800	<ul style="list-style-type: none"> <li>• Dinner</li> </ul>
		1900	<ul style="list-style-type: none"> <li>• Free time</li> </ul>
13 July 2017 (Thursday)	Workshop day 4	0900	<ul style="list-style-type: none"> <li>• Design Thinking #3</li> <li>- Ideation (Brainstorming for solution)</li> </ul>
		1200	<ul style="list-style-type: none"> <li>• Lunch</li> </ul>
		1330-1730	<ul style="list-style-type: none"> <li>• Design Thinking #4</li> <li>- Prototype</li> </ul>
		1800	<ul style="list-style-type: none"> <li>• Dinner</li> </ul>
		1900	<ul style="list-style-type: none"> <li>• Free time</li> </ul>
14 July 2017 (Friday)	Workshop day 5	0800-1000	<ul style="list-style-type: none"> <li>• Gallery walk preparation</li> </ul>
		1000	<ul style="list-style-type: none"> <li>• Gallery walk</li> </ul>
		1200	<ul style="list-style-type: none"> <li>• Lunch</li> </ul>
		1430	<ul style="list-style-type: none"> <li>• Closing ceremony</li> <li>• Award presentation</li> </ul>
		1700	<ul style="list-style-type: none"> <li>• Dinner</li> </ul>
		1900	<ul style="list-style-type: none"> <li>• Free time</li> </ul>
		0900	<ul style="list-style-type: none"> <li>• Malacca tour *</li> </ul>
15 July 2017 (Saturday)			
16 July 2017 (Sunday)			<ul style="list-style-type: none"> <li>• Departure</li> </ul>

\*Schedule is subject to change as appropriate

## The Historical City of Malacca UNESCO World Heritage Sites In Malaysia ADD TO TRIP!

Many years ago Malacca was one of Malaysia's most sought-after destinations. Before Kuala Lumpur transformed from a malaria-infested jungle into a polished high-rise capital, Malacca was one of the greatest trading ports in Southeast Asia. Over time it changed from a thriving port into a sleepy backwater city and lost its spot as a must-visit destination to its high-rolling cousins. Yet in recent years, Malacca has been revived as a top-pick holiday getaway due to its many historic attractions.

Home of the well-known Nyonya cuisine, it's a popular destination for tourists who want to catch a glimpse of Malaysia's unique heritage.



As an overview, Malacca is a hotchpotch of Malay, Chinese, Indian, European and sundry influences. Malaysians laud Malacca's laidback atmosphere and lost-in-time feel; stores close early here, traffic goes by at leisurely pace and city life is a languid affair. Between the scattered historic spots are atmospheric Chinese shop fronts and traditional Malay kampongs. Though the state may not boast a white-sand shoreline reminiscent of its East Coast cousins, Malacca is noteworthy for its heritage hotspots. When the sun goes down, one of the city's most popular destinations is the Friday and

Saturday Jonker Walk Night Market which plays host to a collection of stalls that sell everything but the kitchen sink. Here you can purchase a variety of trinkets and even sample some of the state's best-known local fare including fried egg ice cream and fried radish cake. At night the handful of bars along the boulevard become a mini street party with tables oozing beyond the sidewalks and a mix of live music beating throughout the area.

Malacca History Dubbed Malaysia's unofficial historic capital, Malacca – declared a UNESCO World Heritage site in 2008 – is one of the country's most unassuming states. Boasting a good blend of historic attractions – from the salmon-pink Stadthuys to the Jonker Walk Night Market – Malacca is also home to a smorgasbord of great food. In the late 14th century, Malacca was a simple fishing village. Parameswara – a fleeing prince from the nearby Sumatra – landed on Malacca's shores, founded the city and turned it into a favoured port for waiting out monsoons and



and

re-supplying ships plying the strategic Straits of Malacca. In time, due to its strategic location between China and India, Malacca came to monopolize the trading routes in this quadrant of the globe. In 1405 Malacca forged an alliance with the Ming Emperor in order to secure protection against Siamese invaders; over time Chinese settlers who married local Malays resulted in what was dubbed the Baba Nyonya peoples. After Malacca was attacked by the Portuguese in 1511, the invader missionaries strove to implant Catholicism within the state and Malacca's popularity dwindled as Muslim merchants began to steer clear of the port. Malacca's reputation increased again in 1641 when it passed into Dutch hands for 150 years and later the British assumed control for a short time, further lending to its hodgepodge of cultural influences. Yet as time went on Malacca once again become a sleepy backwater state; it was only during the 21st century, when Malaysia gained its independence, that Malacca became a tourist draw card.

### **General Info**

**CURRENCY** Ringgit Malaysia (RM). US\$1 = approximately RM 4.50. You'll find the current conversion counter in the airport or in downtown area.

**TIME ZONE** GMT+8 (the same as Kuala Lumpur, Singapore)

**ELECTRICITY** Voltage is 220 volts 50Hz, using either two flat blades (NEMA 115 or JIS C 8303) or round two pin plugs (Euro plug CEE 7/16).

**Noted:** For lecturer, accommodation is not included but you can stay in nearby hotel (own expenses) which are:

- 1) Hotel Pintar, No.2 Jalan Siswa Jaya 1, Parit Raja, 86400 Parit Raja, Malaysia.
- 2) RG Grand Hotel, 24 & 25, Jalan Universiti 2, Taman Universiti, Parit Raja, 86400 Parit Raja, Malaysia