

## FKAAB Activity Report

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<b>Writer / Contributor</b>	Hendy Fitriani Suhandri
<b>Name of Programme</b>	<b>Colloquium on Transportation Engineering &amp; Technology</b>
<b>Date</b>	Monday, 3 February 2020
<b>Time</b>	9.00 am – 4.30 pm
<b>Venue</b>	Dewan Tunku Mahkota Ismail
<b>Summary</b>	<p>FKAAB successfully started its regular expert talk this year by running the International academic colloquium. The event, which was held on February 3rd 2020 and organised by Smart Driving Research Center (SDRC) with support from Centre of Applied Geomatics and Disaster Prevention (CAGeD), took place at Dewan Tunku Mahkota Ismail (DTMI).</p> <p>The event was officiated by Deputy Dean (Academic and Internationalisation) Assoc. Prof. Ts. Dr. Mohd Haziman Wan Ibrahim. In his speech, Dr. Haziman stated that the colloquium was aimed at expanding networks and creating future collaboration between the academia and scientists. He also suggested that similar events should be continued regularly.</p> <p>The colloquium focused on highway and geomatics engineering under the theme “Development and Monitoring of Infrastructure of Transportation System with the Aid of Geomatics Technology Applications”.</p> <p>The invited speakers were from National Chiao Tung University (NCTU), Taiwan, Institut Teknologi Bandung (ITB), Indonesia, and Universiti Malaysia Pahang (UMP), Malaysia.</p> <p>Prof. Dr. T. A. Teo, from NCTU, presented a talk on artificial intelligence technology used in Geomatics to identify and classify objects on Earth’s surface. It can possibly identify the condition of road sections with remote sensing technology. UMP’s Assoc. Prof. Ir. Adnan Zulkiple demonstrated the use of management for highway engineering in designing the location of airport to the surrounding towns based on significant parameters such as road classes, distances, economic cycling, traffic density, and mass transportation network. Assoc. Prof. A. Y. Saptari from ITB gave a talk on</p>

monitoring road and infrastructure conditions by using laser mapping technology. The technology offers possibility of examining road condition in three-dimensional detail, including its attribute data properties.

The colloquium attracted audience not only from FKAAB, but also from other faculties in UTHM and organisations outside UTHM. The guest speakers were then invited to take a tour around FKAAB and its laboratories.

## Photographs



