



Title of Event:	Technical Visit to Petronas Rotating equipment analytic, KLCC			
Description:	<p>PROTEAN, (PETRONAS Rotating Equipment Analytics), is a fully in-house remote monitoring system developed by Centre of Excellence (CoE) together with Group Technical Data.</p> <p>It provides descriptive analytics for major turbomachinery equipment, and a part of its long-term journey is to achieve up to prescriptive analytics. PROTEAN is one of the integral solutions provided as part of PETRONAS Upstream Digital Field, which is derived from the Industrial Revolution4.0(IR4.0).Using the latest IoT connectivity and Process Information (PI) data, PROTEAN as of now is able to monitor up to 55 units of critical rotating equipment across 7 different regions including international assets. Complying to the strict requirement of PETRONAS cyber security, PROTEAN is striving to become the number one solution for rotating equipment in PETRONAS.</p> <p>More than 8 Students and 2 staffs from the engineering faculty of UCSI University took part in this technical visit. It's an opportunity for the students and staffs to learn how IoT can be used to process information data to monitor rotating equipment's across Malaysia.</p>			
Keywords:	IoT, Process Information (PI), Industry			
Category:	<input type="checkbox"/> Professional	<input checked="" type="checkbox"/> Technical	<input type="checkbox"/> Non-Technical	<input type="checkbox"/> Administrative
Sub-category:	Professional:	<input type="checkbox"/> Continuing Education	<input type="checkbox"/> Professional Development	<input type="checkbox"/> Industry Relations <input type="checkbox"/> Professional (Other)
	Nontechnical:	<input type="checkbox"/> Social	<input type="checkbox"/> Awards Dinner	<input type="checkbox"/> Pre-Univ. activities <input type="checkbox"/> Nontechnical (Other)
	Administrative:	<input type="checkbox"/> Excom		<input type="checkbox"/> Officer training
Date and Time:	Date: 2 April 2019	Start Time: 9:00 am	End Time: 1:30 pm	
Event Location:	Petronas digital collaboration center, Level 23, tower 2, Petronas towers			
Organizational Unit:	IET Malaysia, IEEE UCSI STUDENT BRANCH & IEEE RAS Malaysia chapter			
Attendance:	No. of IEEE attended:	2	No. of Guests attended:	9 students
Registration:	<input checked="" type="checkbox"/> No registration required			
	<input type="checkbox"/> Registration required			
Registration Fees:	-			
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