

## IEEE vTOOLS Event Reporting

### IEEE RAS Malaysia Chapter



<b>Title of Event:</b>	TechVerse Arduino Robot Workshop			
<b>Event</b>	<input checked="" type="checkbox"/> Physical / <input type="checkbox"/> Virtual			
<b>Description:</b>	A one-day workshop with the teachers and the students from SMK Sultan Yussuf, Batu Gajah. The workshop aims to nurture the interest of the students towards programming and at the same time provide hands-on opportunity for them to play the robots. During the start of the event, different types of robots such as Lego Mindstorms, Arduino Robot, and the mBot Robot were showcased to the participants. The participants are then divided into groups with facilitator to learn to write Arduino code and assemble the Arduino circuit. The participants are required to build a mini project with the electronics components provided. Besides, the participants were taught to use Tinkercad software to build and simulate circuits. In the end of the projects, the participants were having fun playing the robots at the game booth.			
<b>Keywords:</b>	Arduino, Lego Mindstorms, programming			
<b>Category:</b>	<input type="checkbox"/> Professional	<input checked="" type="checkbox"/> Technical	<input type="checkbox"/> Non-Technical	<input type="checkbox"/> Administrative
<b>Sub-category:</b>	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"/> Vice chair		<input type="checkbox"/> Officer training
<b>Date and Time:</b>	28 May 2022 (Saturday)	Start Time: 9:30 am	End Time: 5:00 pm	
<b>Event Location:</b>	Block 2, Universiti Teknologi PETRONAS			
<b>Organizational Unit:</b>	TechVerse			
<b>Attendance:</b>	No. of IEEE attended:	2	No. of Guests attended:	37
<b>Registration:</b>	<input type="checkbox"/> No registration required			
	<input checked="" type="checkbox"/> Registration required			
<b>Registration Fees:</b>	- None			
<b>Corresponding Name:</b>	Azrina Abd Aziz			
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Photo/ Image

































