

IEEE vTOOLS Event Reporting

IEEE RAS Malaysia Chapter



Title of Event:	"Project for Robotics (MCTE 4352/MCT 4215)"			
Event	<input type="checkbox"/> Physical / <input checked="" type="checkbox"/> Virtual			
Description:	We arranged a project competition among the students who took the course Robotics. We provided certificate/s of appreciation for the top performer/s. The detail of the event description is attached herewith.			
Keywords:	Robotics, Project			
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"/> Vice chair		<input type="checkbox"/> Officer training
Date and Time:	Due: 16/1/2022	Start Time:	End Time: 11:59 PM	
Event Location:	International Islamic University Malaysia			
Organizational Unit:	Department of Mechatronics Engineering and Autonomous Systems and Robotics Research Unit			
Attendance:	No. of IEEE attended:		No. of Guests/students attended:	>10
Registration:	<input type="checkbox"/> No registration required			
	<input type="checkbox"/> Registration required			
Registration Fees:	-			
Corresponding Name:	Dr. Tanveer Saleh			
Corresponding Email:	tanveers@iium.edu.my			

Photo/ Image



Project/Assignment

- You need to develop robot program using RoboDK to engrave your full name in Brush Script MT font (On an A4 paper sized object).
- You need to Mitsubishi SCARA robot for this simulation .
- You need to use python to carry out the offline simulation.
- You need to prepare a video to explain your solution (Maximum 5 mins).
- You need to upload your project also to GitHub.

Things to be assessed

- Knowledge about robotics offline simulation using RoboDK (20 marks).
- Ability to articulate your solution method effectively (10 marks).

IMPORTANT NOTICE: If found that you have copied the code from your friends and other you will be severely penalized. All the path (followed by the robot) must be different.