

Online Robotics Competition (ORC) 2020 Judging Criteria

Submissions before Live Competition

Deadline
22 Nov

Source Code to be submitted on 22 Nov.

Presentation (Powerpoint) to be submitted on 22 Nov.

27 – 28 November 2020

Mission Evaluation Criteria (Judged Through Live Competition)		Max Points		
1	Sanitation using green light indicator for 2 seconds	1 Point		
2	Transporting arrivals from airport to test center using dedicated route	2 Points Each (Max 4 Points)		
3	Transporting positive cases using dedicated route	2 Points Each (Max 4 Points)		
4	Sanitation (any time between dropping positive cases and before picking negative cases) using yellow light indicator for 2 seconds	2 Points		
5	Transporting negative cases using dedicated route	2 Points Each (Max 4 Points)		
6	Return to airport using dedicated route	10 Points		
Max Points For Missions		25 Points		
Final Score		Missions Score + *Time Evaluation		
*Time Evaluation Criteria		10 – 10 x (Match Time / Time of Slowest Team)		
Presentation Evaluation Criteria (Judged Through Live Competition And Source Code Submission)		Poor	Average	Excellent
		(0-1)	(2-3)	(4-5)
Fluent and well-organized expression, rich vocabulary, clear pronunciation, accurate use of technical terms to describe the project, including all required information.				
Present latest technologies used to fight against the spread of covid-19				
Present A complete problem-solving process for the ORC missions, including problem definition, generation of possible solutions, selection and testing of solutions (code), analysis and evaluation of results.				
Equal participation of all team members (for teams only)				
Participant(s) answered all the questions by judges				
		Maximum Score (Team): 25 Points Maximum Score (Individual): 20 Points		
Coding Evaluation Criteria (Judged Through Live Competition & Source Code Submission)		Poor	Average	Excellent
		(0 – 1)	(2-3)	(4-5)
Optimized code (number of lines, loops, functions, conditions, events...)				
Code organization and comments insertion				
Participant(s) answered all the questions by judges during live competition day				
Bonus: script coding (participant(s) answered all the questions by judges during live competition day)				
		Maximum Score: 20 Points		